

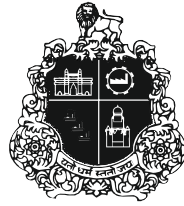


**Seth GS Medical College and King Edward Memorial Hospital  
Municipal Corporation of Greater Mumbai**

**ANNUAL REPORT  
2014**

# The year that was ...





Seth GS Medical College and King Edward Memorial Hospital  
Municipal Corporation of Greater Mumbai

ANNUAL REPORT  
2014

Concept (Front and Back cover)	<b>Dr. Avinash Supe</b> Dean
Editor	<b>Dr. Nithya Gogtay</b>
Editorial assistants	<b>Ms Brinal Figer</b> <b>Dr. Kedar Gandhi</b> <b>Ms. Ujwala Parulekar</b>
Publisher	<b>Diamond Jubilee Society Trust</b> Seth GS Medical College & KEM Hospital Mumbai - 400012.
Printer	<b>Nitesh Enterprises</b> 221, Bora Bazar Street Haveliwala Building 4th Floor, Fort, Mumbai 400001



## We are grateful to

**Smt. Snehal Ambekar**  
Hon. Mayor of Mumbai

**Smt Alka Kerkar**  
Deputy Mayor

**Smt Trushna Vishwasrao**  
Leader of the House

**Shri Devendra (Bala) Amberkar**  
Leader of Opposition

**Shri Yashodhar Phanse**  
Chairman Standing Committee

**Smt. Geeta Gawli**  
Chairman- Public Health Committee

**Smt. Pranita Waghdhare**  
Chairman- Ward Committee

**Shri Sitaram Kunte**  
Municipal Commissioner

**Dr. Sanjay Mukherjee**  
AMC - Projects

**Shri Sanjay Deshmukh**  
AMC- Western Suburbs

**Dr. (Smt.) Pallavi Darade**  
AMC- City

**Shri SVR Srinivas**  
AMC- Eastern Suburbs

**Shri Shantaram Shinde**  
Jt Municipal Commissioner



## From the Dean's desk . . . .



The twin institutes of the Seth GS Medical College & KEM Hospital were established in 1926 with a nationalistic spirit to cater to the “health care needs of the northern parts of the island” to be manned entirely by Indians. With a glorious legacy of over 80 years, 10 lakh patients annually and 50,000 plus surgeries, these institutes are among the top ranked in the country with the Latin Maxim “Non Sibi Sed Omnibus”- not for self, but for all embedded in every heart.

The year 2014 was marked by several achievements. The state of the art renovated Emergency Medical Services was commissioned. The construction of the liver intensive care was completed. The department of Anatomy created a google page for students to share lectures of faculty members and also enable students to interact with them. A record 2500 procedures were conducted by the department of cardiology in the cath lab along with several novel procedures. The Clinical Pharmacology department trained several technical associates in the use of the Vigflow software for Pharmacovigilance of the World Health Organization. The department of Microbiology received ISO accreditation for their virology and immunology divisions. The department also commissioned the Genexpert system for the rapid detection of tuberculosis and multi drug resistant tuberculosis. The departments of Urology and Nephrology were successful in renal transplant in a HIV positive patient. The Neonatology department was recognized as a regional collaborative center for Facility Based newborn care. The nurses of the institute received the Mayor's award for their contributions and the pathology department started immunohistochemistry services for breast cancer patients. The preventive and social medicine department was instrumental in linking 35 rural centers to the telemedicine facility. Several workshops and conferences were conducted successfully and many faculty members received awards and fellowships.

A glorious paradox of an educational institute is that while the alumni grow old, the Alma Mater grows, forever young. In 2015, several planned developments will constructively change the twin institutes for the betterment of patient care, greater efficiency of its enormous staff, sounder training of students and resident medical doctors, teaching faculty and not to forget, the support staff. In the words of Jesse Jackson “We have removed the ceiling above our dreams. There are no more impossible dreams”.

Dr. Avinash Supe  
Dean





## Editors' note . . . . .



As we leave behind 2014 and prepare to embark upon another journey in 2015 and also look forward to the foundation day, it is time again to take stock at the year that was- what we did, what we achieved, where we could improve and our vision for the years ahead. This annual report in its individual chapters looks at the work done, accomplishments, research, publications and much more. While the general format of the report has remained the same, it has nonetheless chronicled the numerous changes, both minor and major that have taken place in the last 12 months.

The experience of putting this report together has been both humbling and enlightening. A huge thank you is due to Dr SR Parkar for her faith in me, vision, and patience in the preparation of the report. I thank the Heads of the departments for sending information well in time. I am also grateful to Dr Lopa Mehta and Ms Namrata Dolas without whose support this document would not have seen the light of the day. My sincere thanks are due to Dr Nirmala Rege of the Diamond Jubilee Society Trust for funding support towards publication of the annual report. Lastly, thanks are due to the staff of Nitesh Enterprises who went beyond the call of duty to ensure that the report was ready on time.

While the compilation has been done with maximum possible care, its sheer magnitude and diversity may have lead to errors and omissions and I request the staff members to bear with me. Efforts have gone into making this document comprehensive, yet discerning. It is hoped that as one sifts through the pages, the quality and quantum of patient care, education and research come across and we look ahead to 2015 with renewed hope and zest.

Nithya Gogtay, Editor



# C o n t e n t s

## **Seth GS Medical College & KEM Hospital**

• Vital Statistics .....	3
• Human Resources .....	4
• Budget .....	5

## **Departments**

• Achievements and Highlights.....	7
• Awards and Honors .....	15
• Community Care .....	23
• Donations and grants .....	29
• Education .....	35
• Patient Care .....	45
• Publications.....	73
• Research .....	93
• In the Limelight .....	113
• Looking ahead .....	117

## **Committees, Societies, Services and Publications**

• Animal Ethics Committee .....	127
• Department Development Fund .....	128
• Diamond Jubilee Society Trust .....	129
• Gosumec Alumni Association .....	133
• Institutional Ethics Committees .....	135
• Journal of Postgraduate Medicine .....	142
• Medical Education Unit .....	142
• Research Society .....	146
• Staff Society .....	148
• Telemedicine .....	149
• Women's Development Committee .....	150

## **Support Services**

• Diet .....	155
• Engineering (Civil) .....	155
• Furniture and Linen .....	155
• General Stores .....	155
• Laundry .....	156
• Library .....	156
• Medical Stores .....	157
• Pharmacy.....	157
• Social Service .....	157

## **Appendix**

• Contact information .....	159
-----------------------------	-----





# Seth G.S. Medical College & K.E.M. Hospital



## Vital statistics

Sr. No.		Year 2014
1	Scheduled beds	1800
2	Total admissions	82855
3	Average daily admission	227
4	OPD attendance- new patients	636522
5	OPD attendance - daily average	2115
6	OPD attendance -old patients	1157512
7	Total Number of Surgeries	62989
7a	Major	26234
7b	Minor	36755
7c	Endoscopies	8733
8	Deaths	6373
9	Death rate	7.7%
10	Casualty attendance	204503
11	Medico legal cases	38724
12	In patient days (total), length of stay in days (average)	588742, 7.11
13	Bed occupancy (average)	90%
14	Total number of deliveries	6780

# Human Resources - Outline

## **KEM Hospital – staff**

- Medical staff (Dean – 1, Deputy Dean – 1, Assistant Dean-2, Jt Ch PO- 1, AMO-9)
- Paramedical staff (Nursing staff – 888, student nurses – 385)
- Superior Staff (Admin- 124, Engineers and Maintenance – 106, Technical staff- 301)
- Head Clerks (08)
- Clerical staff and Record assistants (79)
- Scientific Officers (03)
- Lab technicians (27)
- Lab assistants (15)
- Lab attendants (24)
- Labor staff (Permanent – 1725, badlee -)

## **Seth GS Medical College**

Full time teaching staff

- Professors- 82
- Associate Professors- 128
- Assistant Professors- 184

## **Undergraduate Medical Students – 180/year**

### **Postgraduate Medical Students**

- MD/MS-178
- DM/MCh-36
- MSc by papers- 11
- MSc by research -2
- MSc- PT- 20
- MSc OT-4
- PhD- 3
- 

### **Resident Medical Doctors**

- Jr resident – first year- 247
- Jr resident – second year- 243
- Jr resident – third year- 211
- Sr resident first year- 33
- Sr resident second year- 36
- Sr resident third year- 24
- Registrars -59
- House officers- 36
- TOTAL - 889

### **Medical Diplomas**

- Anesthesiology-16
- Dermatology-02
- Public Health- 02
- Radiology -05
- DMLT- 08
- Obstetrics- 12
- Pediatrics – 12
- Diabetology-01
- Ophthalmology – 03
- Psychiatry-01

### **School of Physiotherapy and Occupational therapy**

- BSc OT - 37
- BSc PT- 40



# B u d g e t

Sr. no.	Funds Center/Commitment Item	Consumed Budget (in Rupees)	
1	210100101 Basic Pay	24,37,67,511.40	Establishment Exp.
	210100102 Incentive Bonus	2,35,49,567.00	
	210100103 Salary Arrears	60,000.00	
	210100104 Grade Pay (Superior	5,78,95,653.35	
	210100200 Labour, Tech & Othr	12,781.00	
	210100201 Basic Pay	16,20,19,514.55	
	210100202 Incentive Bonus	2,86,74,537.00	
	210100204 Grade Pay (Labour)	3,16,23,168.16	
	210200101 Dearness Allowance	26,33,95,163.00	
	210200102 House Rent Allowanc	7,69,79,625.00	
	210200103 Conveyance Allowanc	2,24,014.00	
	210200104 Overtime Allowance	5,86,818.84	
	210200105 LTA	44,04,607.00	
	210200106 Trans Subsidy Allow	27,42,254.00	
	210200107 Mun Med Allowance	31,71,608.00	
	210200111 Prted Der Allo (Sup	8,85,358.00	
	210200113 Trv All for Sup&Sub	79,70,205.00	
	210200114 Non Pvt Practice Al	7,64,335.00	
	210200116 Special Protected D	7,306.00	
	210200118 F.Planning Allow-su	19,170.00	
	210200119 Children Edu Allow-	23,36,720.00	
	210200121 (PPA) SUP. & SUB.	17,908.00	
	210200199 Other Allowances	93,75,883.60	
	210200201 Dearness Allowance	17,39,70,005.00	
	210200202 House Rent Allowanc	4,97,52,246.00	
	210200204 Overtime Allowance	5,78,753.18	
	210200205 LTA	23,81,640.00	
	210200206 Trans Subsidy Allow	37,10,443.00	
	210200207 Mun Med Allowance	38,54,287.00	
	210200211 Prted Der Allo (Lab	35,89,093.00	
	210200213 Transport Allowance	96,74,904.00	
	210200216 Special Protected D	21,915.00	
	210200218 Family Planning All	4,830.00	
	210200219 Children Education	53,933.00	
	210200299 Other Allowances	31,34,452.00	
	210209913 Uniforms	22,13,628.20	
	210209915 Contrbn-Int 4% towr	14,03,144.00	
	210209917 Nutritious Diet for	21,10,665.00	
	210209918 MS-CIT EXPENSES	13,000.00	
	210209945 Honorarium Mun Empl	3,920.00	
210400600 Leave Encashment	2,90,07,764.00		
210500300 Stipend PG stud/Doc	32,74,81,690.00		
210501220 Tech-EqpforHdcapEmp	91,400.00		
	<b>1,53,35,35,420.28</b>		

Sr. no.	Funds Center/Commitment Item	Consumed Budget (in Rupees)	
2	220100101 RentMun Bldgs	6,54,253.00	Office Exp.
	220100102 Rentpvt Bldgs	1,260.00	
	220100203 Property Tax/Mun Ta	76,68,612.00	
	220110101 Offic Electricity Ex	1,08,49,368.00	
	220110200 Water Charges	1,38,476.00	
	220120101 Official Teleph Exp	15,85,243.00	
	220120500 Postage Expenses	40,092.00	
	220120600 Mntal Health Hlplne	23,14,321.00	
	220210400 Stationery	24,21,635.89	
	220210600 Photocopying Exp	1,26,293.00	
	220300200 Conveyance	73,274.00	
	220300400 Dom Travel Exp	2,11,644.00	
	220610100 Membership fee- org	34,102.00	
	220809900 Misc Admin Exp	4,86,561.00	
	<b>2,66,05,134.89</b>		
3	230100101 Electricity Exp	12,49,35,047.00	Operation & Maint.
	230304711 Chemicals	40,300.00	
	230304724 Surgical Dressing M	5,022.00	
	230350001 Accessories	5,02,67,724.85	
	230350005 Chemical&fertiliser	4,45,94,525.09	
	230350006 Clothing & Linen	49,61,854.50	
	230350007 Diet & food	68,52,723.00	
	230350008 Drugs & Medicines	11,78,90,318.66	
	230350009 Fuel (Liquid / Gas	54,42,401.15	
	230350010 Material	10,72,74,898.26	
	230350011 GAS( Medical /Other	1,99,85,642.05	
	230350012 Other store	7,47,741.25	
	230350014 Spares & Tools	16,87,023.88	
	230350015 Consumables	93,07,903.71	
	230510101 Gen Civil Repairs	1,00,00,000.00	
	230510109 Consmpn Store/Spar	1,49,40,491.11	
	230520201 Gen Civil Repairs	57,79,021.61	
	230520601 Gen Civil Repairs	1,00,00,000.00	
	230590200 RMaintElectrl Instl	8,19,242.69	
	230590300 RMaintElectrlApplnc	21,50,370.92	
	230801704 Trainee's Mess Chrg	69,81,787.90	
	230804701 Tip BioWast ChrgHos	15,32,409.65	
	230804708 Comprnsve MantnceEx	4,98,86,593.22	
	230804709 Washing Charges	19,94,920.85	
230804712 Dbase/Record Mantnc	36,222.00		
230804719 Housekeeping Expens	88,92,713.00		
230804721 Provision for treat	35,68,829.00		
230804722 Provision for patie	4,69,800.00		
	<b>61,10,45,527.35</b>		
4	410400000 Plant & Machinery	18,27,31,839.38	Asset
	410400010 Spare of Hosp P & M	68,74,618.15	
	410400012 Vetilators	11,94,37,317.16	
	410400041 O.T. Light	11,01,298.16	
	410600200 Comp,Printer&Perphr	4,72,275.75	
	410600400 Refrigerators	2,41,875.00	
	410600950 Other Equipments	9,41,950.95	
	410700106 Beds / Cots	9,72,000.00	
	410700200 Fitting&Elect Appln	3,13,875.00	
	410800201 DeadStock-Book&Pero	8,23,810.76	
		<b>31,39,10,860.31</b>	

# Achievements and Highlights





# Achievements and Highlights

## Anatomy

- Creation of a Google page "sites.google.com/site/gsmcanatomy/ home" that provides presentation of the lectures to students and opportunity to interact with faculty members.
- The fourth "Intercollegiate quiz for 1st MBBS students.
- Introduction of the Foundation Course which is a part of Vision 2015 in its routine teaching program for the undergraduates MBBS students

## Anesthesia

- Successful running of Pain clinic outpatient department.

## Biochemistry and Clinical Nutrition

- Conducted 10th GCLP course conducted between 9th- 11th September 2014 & 3rd December 2014. 54 participants completed it successfully.
- Shidori was organized for I and II MBBS students.

## Cardiology

- A record 2465 procedures in the cardiac cath lab this year and a reduction in the waiting list
- Finalization of a protocol for patients presenting to the emergency services with chest pain
- More than 250 angioplasty procedures
- A novel procedure - left atrial appendage closure by trans-catheter route in patients with atrial fibrillation for preventing thromboembolism was performed and webcasted
- Alcohol septal ablation performed and webcasted as part of the India Live conference
- Digitalization and archival of data in collaboration with the American College of Cardiology

## Chest Medicine

- The Environment Pollution Research Centre, studied individuals from Borivali, Vikhroli, Khar, Kanjurmarg, Bhandup and Andheri to assess respiratory morbidity due to effect of air pollution

## Clinical Pharmacology

- One hundred percent result in DM Clinical Pharmacology
- Vigiflow training program of WHO for technical associates of the National Pharmacovigilance Program of India conducted
- GCP workshop for undergraduate students as part of Confluence 2014

## Dermatology

- Arranged a CME at KEM for Maharashtra Branch of IADVL Feb 2014
- Arranged PG Con at KEM May 2014
- Arranged a Workshop on Histopathology of Leprosy: Sept 2014
- Worked as Scientific Chairperson for Annual Conference of State Br. Cuticon 2014 Dec 2014

## Endocrinology

- Publications in key journals like the New England Journal of Medicine, Jr of Clinical Endocrinology and Metabolism, Lancet Endocrinology and Clinical Endocrinology
- The following genetics work is nearing completion - hypogonadotropic hypogonadism, pheochromocytoma, growth hormone deficiency
- Establishment of Joint Clinics- a) Neuroendocrinology clinic b) Adrenal Clinic c) Disorders of Sex Differentiation
- Representation of Department as Steering Committee Member at Annual Endocrine Society Meeting (USA)
- Up gradation of HbA1c system to HPLC

## **ENT**

- Dr.Jyoti Dabholkar was appointed as the President of Foundation for Head and Neck Oncology for period of 2013-2015.

## **Forensic Medicine**

- Permission granted by Municipal Commissioner for starting "One Stop Crises Centre & Centre of Excellence for the Survivors of Sexual assault at K. E. M. Hospital Mumbai"
- Starting one division of "Forensic Odontology" in the department.
- Department has been centre of reference for sensitive, complicated, medico legal & sexual assault cases.

## **Gastroenterology**

- Completion of the construction of the liver ICU
- Registration of more than one lakh patients in the liver clinic
- Dr Suhail Khuroo, Dr Adithya Nargund, Dr Mirza Kasim Beg and Dr Sagar Kurunkar , Dr Apurv Chaudhari and Dr Pravin Bhat were awarded FIAGES degree (Fellow of Indian Association of Gastro-Intestinal Endo Surgeons)

## **Hematology**

- Provision of comprehensive hemophilia service
- Provision of indoor and outpatient basis chemotherapy

## **Medicine**

- A workshop on 'Role of Tertiary Care Hospitals in Management of Complicated Malaria' in CME was organized on occasion of world health organization day.
- Organized CME on Dementia on 18 th September 2014 on occasion of World Dementia Day' in MCT KEMH.
- Organized CME on occasion of 'World Geriatric Day' in MLT,KEMH on 1 st October on the topic 'Health Screening in Elderly'

## **Microbiology**

- NABL accreditation as per ISO 15189:2012 for the Virology and Immunology division of the Microbiology Department
- Installation of GeneXpert system for rapid detection of TB and MDRTB for patients
- Establishment of an accredited Line Probe Assay laboratory at GTB hospital for diagnosis of MDRTB.
- Successful completion of healthcare worker safety program for infection control with special reference to HepB,for staff and students of Seth GSMC and KEMH

## **Neonatology**

- Department recognized as the regional "Regional Collaborative Center for Facility Based Newborn Care" under National Reproductive and Child Health Program of Ministry of Health & Family Welfare, Government of India supported by Norway India Partnership Initiative (NIPI) & UNICEF
- Conducted 9 Facility Based Newborn Care Observership Training programs of 14 days each for pediatricians and nurses from Orissa & Rajasthan.
- Conducted 6 Facility Based Newborn Care Mentoring Visits to SNCUs in Orissa and Rajasthan.

## **Nephrology**

- Per cutaneous peritoneal catheter insertion started in department in this year
- First time successful renal transplant in HIV patient

## **Neurology**

- This is the only center in Maharashtra to start Corticography and Cortical dysplasia surgery in adults. Till now the epilepsy surgeries are done at this centre are the highest in the state.

- Deep brain stimulation in patients with Parkinson's disease
- Pediatric neurology services started

### **Neurosurgery**

- The Department of Neurosurgery was started in 1953 by Dr Ram Ginde. The Department is one of the leading in the country and more than 2000 surgeries are performed annually by the department members.

### **Nuclear Medicine**

- IAEA training in PET CT for Dr Shwetal Pawar

### **Nursing (College and Hospital)**

- Mayor award and Karunasheel award was conferred on several staff members.

### **Obstetrics and Gynecology**

- Three One day workshops On 'Sensitive Medical Care and management of Sexual Assault Survivors' were organized for residents in Ob Gynecology, Forensic Medicine, Pediatrics and PSM on 3,11,17th September 2014.

### **Occupational Therapy**

- Celebrated 64th Anniversary of Occupational Therapy Training School and Centre and organized a photography competition.

### **Ophthalmology**

- A new outpatient department inaugurated in November
- New microscopes, keratometer, pachymeter, A scan machine, B scan machine, and autorefractometers installed

### **Pathology**

- Established Immunohistochemistry tests for breast cancer patients.
- Established Immunohistochemistry for Tumor typing with addition of more antibodies
- Established ELISA for anti-beta 2 glycoprotein 1 antibodies for diagnosis of antiphospholipid antibody

### **syndrome**

- Established nephelometric estimation of serum IgE
- Upgradation to fully automated biochemical analysis of lipid biochemistry and enzymes - CPK, CPK-MB, Amylase & LDH.
- Upgradation of fully automated coagulometer for blood coagulation in CVTC lab
- Up gradation & Automation of the Emergency Medical Laboratory Services in Pathology, Surgical Pathology and Cytology, Cardiovascular Pathology, Hematology & Clinical Pathology, Neuropathology & Out Patient Department of laboratory for better services and timely delivery of reports

### **Pediatric Surgery**

- Live Operative Workshop in Pediatric Colorectal Surgery by Dr Andrea Bischoff and Dr Alberto Pena

### **Pediatrics**

- Dr. C.T.Deshmukh Attended and helped prepare new drug list for Tender Committee of MCGM.
- Dr. Milind S. Tullu was appointed as the Co-Incharge of KEM Telemedicine Centre.

### **Pharmacology and Therapeutics**

- Team of II MBBS students of Seth GSMC & KEMH, August 2013 batch won the "Pharmacology Intercollegiate Quiz", organized on 30th August 2014, at Seth GS Medical College & KEM Hospital, Mumbai.
- Faculty members and postgraduate students bagged the awards for paper presentation at 3 different

National conferences / events held this year.

- The faculty members conducted 3 day workshops on Research Methodology & Biostatistics at KJ Somaiya Medical College (15 to 17th January 2014), All India Institute of Physical Medicine and Rehabilitation (4 to 6th February 2014), MGM Dental College, Navi Mumbai (12 to 14th August 2014) and College of Physiotherapy, KJ Somaiya Hospital (26 to 28th November 2014). They were also invited as guest faculty at various institutions to conduct sessions in Research Methodology workshops.
- The faculty members conducted "Biostatistics Workshop" for staff members of CLAIMS Pvt. Ltd., a Research Organization, Andheri on 15th December 2013.
- A proposal for a workshop entitled, " Biostatistics: Principles and Practice" was selected at World Ayurveda Congress, New Delhi and conducted on 6th November 2014.

### **Physiology**

- Department conducted sessions in Renal Physiology for dialysis technicians of the Gopikrishna Piramal Memorial Hospital on request.

### **Physiotherapy**

- Formulation of Clinical teaching and training program for graduates and postgraduate courses.

### **Plastic Surgery**

- Maxillofacial clinic services provided
- Organized "Camp Karma" the first burns survivors camp for children of our country from 26th - 28th December 2013.
- Started Brachial Plexus clinic along with hand Physiotherapists and plastic surgery occupational therapists

### **Preventive and Social Medicine**

- As per MCI guidelines, the department of Preventive & Social Medicine has developed the 'Rural Health Training Centre' (R.H.T.C.) at Pise-Panjarapur Water Treatment Plant, Sakwar, Vasai taluka, and Khadavli, Thane district.
- More than 35 rural centers connected with Telemedicine of KEM Hospital
- Vatsalya Project Vevley Wadi Khadavli Rural Health Training Center in collaboration with Tata Motors.
- Health Camps organised by the Indian Medical Association under the Project "AaoGaonChalein".

### **Psychiatry**

- Dr. V.N.Bagadia Oration delivered by Dr Srinivasa Murthy on New Understanding of the Brain was organized by the department on 13th Aug 2014.
- New services started in Savitribai Phule Stri Sansadhan Kendra (Gender Resource Centre) at Worli - Women related psychiatric problems are dealt with on every Thursday and Sewri TB Hospital - WHO DOT Plus Programme- Clinical & Neuropsychological evaluation of patients with MULTIDRUG Resistant Tuberculosis patients carried out on every Tuesday

### **Radiology**

- Renovated EMS for installation of superfast CT scan machines

### **Surgery (General Surgery)**

- The breast clinic saw more than 500 patients
- A state of the art Emergency Medical Services was commissioned
- An integrated trauma registry started as part of the Australian India Trauma Systems Collaboration project

### **Surgical Gastroenterology**

- Special Liver Transplant OPD started on every Monday afternoon.
- Conducted GI OPD every alternate Wednesday at Govandi Shatabdi Hospital

- Clinical care and management of complex GI surgery cases
- Dr Sharvari Pujari and Dr Vikram Chaudhari were awarded FACRSI degree (Fellow of Colorectal Surgeons of India)

#### **Transfusion Medicine**

- The Department has been awarded NABH Accreditation by NABH-National Accreditation Board for Hospitals and Health Care providers, Quality council of India, New Delhi from 22.08.12 to 21.08.2015, the first Public Hospital in Maharashtra to get NABH Accreditation.

#### **Urology**

- Procured laproscopy trainer
- Started the advanced laparoscopic program along with advanced oncology & reconstructive surgical program
- Procured 'Revolix Laser Machine' dual Thallium and Holmium laser for comprehensive management of prostate, bladder cancer & stone surgery.
- A record number of 44 pediatric PCNL/URS were performed.
- Finalized Pilot testing data of Genito-Urinary Protocols for Rajiv Gandhi Arogya Yojna



# Awards and Honors





## Awards and Honors

### Anatomy

- Dr. Dhaval Patil stood first in the university in the MD (Anatomy) examinations held by MUHS in June 2014. Dr. Vaishali Ahire stood second and Dr. Lata Munde stood fourth in the university in the MD (Anatomy) examinations held by MUHS in June 2014.
- Sushrut Ingawale first year MBBS student was the winner of Elsevier Basic Sciences Olympiad 2013-14
- Babu Chawda and Mr Prashant Jadhav were awarded as "Best Employee" at the Foundation Day program held in January 2014

### Anesthesia

- Dr. Hashim Sageer & Dr. Yogesh Rathod won First Prize in Cardiac anaesthesia quiz in Cardiac Anaesthesia CME TNMC and Nair Hospital 2014.
- Dr. Rachna Chabria and Dr. Anjana Wajekar won Second Prize in MASACON Cultural Activity.
- Dr. Deepa Kane became Organizing Secretary & Professor, Dept. of Anaesthesia.
- Dr. Navin Pajai Co-Organizing Secretary and Assistant Professor, Dept. of Anaesthesia.

### Biochemistry and Clinical Nutrition

- Dr. S.P. Dandekar was awarded the International Fellowship in Medical Education to pursue a Masters in Health Professions Education, Keele University, UK, September 2014.
- Dr. S.P. Dandekar was awarded the ' Foundation day oration - 2014 ' of the department of Biochemistry, King George's Medical University, Lucknow on November 24, 2014.

### Cardiology

- Dr. Rajiv Sharma was awarded 'Dr. Prasanna Nayayadhish Best Resident award' in the year 2014.
- Dr. Rushikesh Patil was awarded Gold Medal for standing first in the DM Cardiology exams
- Dr. Girish Sabnis stood second in DM cardiology

### Chest Medicine

- Dr. Amita Athavale was conferred with the Ahtesaab-Service to Humanity Award, For excellent service in public health system on 16th January 2014.

### Clinical Pharmacology

- Dr. Nithya Gogtay was awarded the Fellowship of the Royal College of Physicians (FRCP) in June 2014

### Dermatology

- Dr. Pradnya Londhe was awarded Dr. Arvind Lonkar Award for Significant Contribution made to the speciality by her landmark thesis on dermoscopy and clinicopathologic analysis of follicular keratoses by the state branch in December 2014.

### Endocrinology

- Dr. Shruti Khare, Senior Resident of the department was given Best Resident Award, Seth GSMC KEM Hospital, Mumbai in January 2014
- Dr. Swati Jadhav, Senior Resident of the department won Second Prize in Oral Presentation on Tumour induced osteomalacia, at South Asian Federation of Endocrine Society 2014
- Dr. Shruti Khare, Senior Resident, won Best presentation award for Autoimmune Hypophysitis in March 2014
- Dr. Manjunath Goroshi, Senior Resident won Second Prize Primary Hyperparathyroidism in Multiple Endocrine Neoplasia Indian Society of Bone Mineral Research September 2014
- Dr. Nalini Shah, Professor and Head Department of Endocrinology was awarded 'Outstanding Teacher': Asia Pacific Pediatric Endocrine Society Award.

## ENT

- Dr.J.P.Dabholkar was Appointed as the President of Foundation for Head and Neck Oncology for period of 2013-2015
- Dr.J.P Dabholkar was Invited as the President of 14th Annual Conference of the Foundation for Head-Neck Oncology at JW Marriot, Chandigarh on Sept 25-28, 2014
- Dr Hetal Marfatia was appointed as incharge of Scientific committee for Maharashtra State Conference MENTCON 2015
- Dr. Nilam Sathe won Best National conference organizing branch Award (AOICON10) in January 2014 at Mysore for organizing National annual ENT conference at hotel Renaissance Powai as a organizing secretary and president of AOI Mumbai branch.
- Dr.Nilam Sathe was selected special advisory committee member of AOI Mumbai branch from May 2011 to April 2014.
- Dr.Nilam Sathe was selected as Treasurer of Maharashtra State conference MENTCON 2015
- Dr . Shashikant Mhasal was awarded the best competitive video presentation at 46th Annual Conference of FMSB and AOI AT Bharati Vidyapeeth Medical College, Sangli on 5-7th December 2014
- Dr.Shashikant Mhasal was appointed as organizing secretary for MENTCON -2015
- Dr. Arpit Sharma was Awarded ' International Visiting Scholarship' by American Academy of Otolaryngology & Head Neck Surgery to attend AAOHNS annual meeting at Orlando 2014

## Gastroenterology

- Dr SJ Bhatia was given the DNB excellence award

## Medicine

- Dr Milind Nadkar was awarded FACP
- Dr ND Karnik received the "Service to Humanity" award at the hands of the Mayor of Mumbai on 16 January
- Dr Neelam Redkar was awarded the second prize for her poster on "pulmonary areolar proteins - a case report at the 69th annual API conference
- Dr Anjali Rajadhyaksha was awarded prizes for two of her papers- Insulinoma presenting as seizures and Cardiovascular involvement in newly diagnosed SLE at the 69th annual API conference

## Microbiology

- Prof. B. SenthamilSelvi Award for best paper publication awarded at 42nd Annual Conference of IADVL (Dermacon- 2014) to Dr. Avani Shah, Dr. Avani Koticha, Dr. Milind Ubale, Dr. Shashir Wanjare, Dr. Preeti Mehta, Dr. Uday Khopkar for their work and publication: Identification and speciation of Malassezia in patients clinically suspected of having pityriasis versicolor. Indian J Dermatol 2013;58:239
- Dr. Sunil Kuyare received the best poster award in 8th National Conference of Indian Academy of Tropical Parasitology 2014 held at Dibrugarh, Assam
- Dr. Mukti Modi, Dr. Rahul Sarode, Dr. Riddhi Hathiwal, Dr. Sujata Lall were awarded M.D. in Microbiology by MUHS
- Dr. Mukti Modi stood 1st in the University at M.D (Microbiology) examination held by MUHS in May 2014
- Ms. Santosh Kaul was awarded Ph.D. Degree for the thesis entitled "Molecular characterization of Groups A, C and G Streptococcal clinical isolates with special reference to Multilocus sequence typing" by University of Mumbai
- Ms. Urmila Solanki was awarded M.Sc.(Micro) by research for the thesis entitled "Bacteriological Study of pyoderma cases with special reference to molecular typing (emm typing) of beta haemolytic streptococcal isolates" by University of Mumbai

## Neonatology

- Dr. Ruchi Nanavati: Organizing Committee member of 2nd international conference of Neonatology organized by National Neonatology Forum, Mumbai
- Dr. Ruchi Nanavati : National Expert of Facility Based Newborn Care Project under National Reproductive and Child Health Program, Ministry of Health & Family Welfare, Government of India supported by Norway India Partnership Initiative (NIPI) & UNICEF
- Dr Nandkishor Kabra: International Editor for Journal of Clinical Neonatology

## Nephrology

- Dr. Aniruddha Dhokare got 3rd Rank in West Zone Chapter ISN Conference Mumbai Dec 14. for the paper." Clinical Profile of patients with Idiopathic Membranous Nephropathy.
- Dr. Aniruddha Dhokare and Dr. Swati Mane received 1st prize in Inter Collegiate Quiz in West Zone Chapter of ISN Conference Mumbai. Dec 2014.
- Dr. Aniruddha Dhokare received 2nd Prize for Paper " An Unusual cause of CAPD peritonitis – A western India Experience" at ISPD Aug 2014 Pune

## Nuclear Medicine

- IAEA training in PET CT for Dr Shwetal Pawar

## Obstetrics and Gynecology

- Dr. S. V. Parulekar was appointed Editor in Chief JPGO
- Dr P. K. Shah was Felicitated by Infertility Committee of FOGSI for my contribution to FIGSI on 2nd February, 2014 in Patna.
- Dr P. K. Shah was presented with Lifetime Achievement Award for Outstanding Contribution to Protection, promotion and Support of Breastfeeding by Mumbai breastfeeding promotion Committee in August, 2014.
- Dr P. K. Shah was felicitated by Mumbai Obstetric and Gynaecological Society for pioneering the work in the field of Imaging Sciences and promotion of Breastfeeding, in 2014.
- Dr P. K. Shah was elected as Dean of the Indian College of Medical Ultrasound in October, 2014 in Delhi.
- Dr. A. S. Gupta was appointed as Co-Editor JPGO
- Dr. A. R. Chauhan: Co-Editor JPGO, Assistant Secretary, Journal of Obstetrics and Gynaecology of India (JOGI), published by Federation of Obstetric and Gynaecological Societies of India (FOGSI)
- 1st Prize at Annual conference AMWI 2014 for paper presentation on 'Obstetric Hysterectomy -a Life Saving Procedure'. By Dr Nidhi Bang, Dr Vibha More, Dr Meena Satia.

## Occupational Therapy

- Dr. Hemant Nandgaonkar was recipient of 2014 NANT International Scholarship by National Association for Neonatal Therapy, USA for the year 2014 at Atlanta, USA on 23-25th April, 2014.
- Dr. Mrs. Jayashri S. Kale was Nominated as Expert consultant, musculoskeletal - Hemophilia Medical Advisory Board, Hemophilia Federation India.
- Dr. Mrs. Zarine D. Ferzandi was elected as Vice President of All India Occupational Therapists Association. Executive committee member of Academic Council of Occupational Therapy and Editor of India Journal of Occupational Therapy
- Dr. Hemant Nandgaonkar was appointed as president, Society for Hand Therapy, India
- Ms. Aishwarya Swaminathan won Second prize for the Poster titled "Driving and community Mobility" at 51st Annual National Conference of AIOTA at Bhubaneswar, OTICON 2014.
- Won First prize for the Model titled "Recent advances in Mental Health " at 51st Annual National Conference of AIOTA at Bhubaneswar, OTICON 2014.
- Saurabh Phadke, 3rd MOTH student won Scholarship in Annual National Hand Therapy Conference conducted by Society of hand Therapy, India in September 2014.

## **Pathology**

- Dr. Mona Agnihotri received 2nd prize for Oral Paper for "HIV lymphadenopathy pattern on fine needle aspiration cytology: a five years study" at 44th Annual conference of Indian academy of Cytologists (IAC) Cytocon 2014, Kota (Rajasthan), guided by Leena P. Naik. MAPCON 2014 prizes
- Dr. Madura Dande received 1st prize for poster presentation for "Papillary tumor of pineal region- A case serious"
- Department of Pathology received 3rd prize for the Histopathology slide seminar
- Dr. Sandhya Ware received 2nd prize for her oral paper presentation in the Hematology and Clinical pathology section.
- Dr. Madhura Dande and Dr. Sandhya Ware received 1st and 2nd prize for PG quiz.
- Dr. Tripti Sahu received 2nd prize in oral paper presentation "Right atrial mural thrombosis- Is it always iatrogenic?"
- Dr. Ankita Shende and Dr. Rushabh Shah received 1st and 2nd prize in 483rd TPC at B .Y.L Nair Hospital and T.N.M.College.
- "Application of International Classification Criteria in the Diagnosis of Antiphospholipid Syndrome" - Sandhya Ware, Smita Divate et al - won the second prize at the MAPCON 2014 conference in Nashik - September 2014

## **Pediatric Surgery**

- Dr Rujuta Shah- First prize for best paper on "Review of 15 cases of Sacrococcygeal teratomas with discussion of 3 interesting cases" at National conference of IAPS -Ooty Nov 2014
- Dr Rujuta Shah- Second prize for best paper on giant sacrococcygeal teratoma at MAPSICON - Panchgani, Jan 2014

## **Pediatrics**

- Dr. Milind Tullu: Biography published in "Who's Who in the World" 2014 & 2015, Marquis Who's Who, USA

## **Pharmacology and Therapeutics**

- Best free paper award: Awareness amongst Physicians of a Tertiary Care Hospital regarding Rational Use of Medicine (RUM): A Questionnaire based Study. Rao RP, Shetty YC, Kulkarni UJ, Khopkar US, Rege NN. At Seventh Annual International Conference of the South Asian Chapter of American College of Clinical Pharmacology "Clinical Pharmacology - TRANSLATING RESEARCH: Patient to Public Health ", from April 17 - 20th, 2014, at Nehru Centre, Worli, Mumbai.
- Dr. K. G. Nair Award 1st prize for poster in preclinical studies category: Antiarthritic potential of bupropion in Freund's complete adjuvant induced arthritis: An experimental study. Bolegave SS, Marathe PA, Rege NN. At Seventh Annual International Conference of the South Asian Chapter of American College of Clinical Pharmacology "Clinical Pharmacology - TRANSLATING RESEARCH: Patient to Public Health", from April 17 - 20th, 2014, at Nehru Centre, Worli, Mumbai.
- Dr. R. D. Kulkarni Award 3rd prize for poster in clinical trials/ studies category: Comparative analysis of effectiveness and impact on quality of life of different disease modifying anti-rheumatic drugs in a tertiary care hospital. Gokhale VG, Manjunatha TA, Marathe PA, Nadkar MY, Sonavale AS. At Seventh Annual International Conference of the South Asian Chapter of American College of Clinical Pharmacology "Clinical Pharmacology - TRANSLATING RESEARCH: Patient to Public Health", from April 17 - 20th, 2014, at Nehru Centre, Worli, Mumbai.
- First prize in National Pharmacology Quiz: secured by third year PG student Dr. Manjunatha T A, at the Third International & Sixth National Conference of Indian Society for Rational Pharmacotherapeutics on 21st & 22nd November 2014, at JIPMER, Puducherry.
- Dr. Sharadini Dahanukar Prize Session, 2nd prize in oral prize paper session: Evaluation of Withania

somnifera on ethanol consumption and decision making in model of ethanol dependence in mice. Jadhav KS, Marathe PA. At Update Ayurveda 2014 (11-13th December 2014), conference organized by Dr. Sharadini Dahanukar Advanced Centre for Ayurveda Research Training and Services, Dept. of Clinical Pharmacology, TN Medical College and BYL Nair Ch. Hospital, Mumbai.

### **Physiology**

- Late Dr. Dharani's Cash prize of Rs. 5000 was awarded to Dr. Deepa Nair for standing 1st in university exam of M.D. Physiology, amongst the students of G.S.M.C.
- Late Dr. Dharani's Cash prize of Rs. 1000 was awarded to Ingawale Sushrut Madhukar for standing 1st in Physiology in 1st M.B.B.S. exam conducted by university, amongst the students of G.S.M.C
- 1st Year under-graduate MBBS students were awarded the second position in the "Best & Taylor Inter-collegiate Quiz" competition organized by T. N. Medical College.

### **Physiotherapy**

- Satej Dalvi was awarded 1st Prize poster presentation All India Medical Conference 2014 "Graded Motor Imagery in complex Regional Pain Syndrome I & II
- Shiny Rebekha was awarded 2nd prize Essay Competition at Trinity held in LTMMC
- Shiny Rebekha was awarded prize at All India CSR Essay Competition

### **Plastic Surgery**

- Prof. Vinita Puri - Visiting Professor of Plastic Surgery 2013-2014, awarded by APSI.

### **Preventive and Social Medicine**

- Dr Chaitali Borgaonkar won the second prize in the world breastfeeding week poster competition. She also won the first prize in the ORS day poster competition
- Dr Abhishek Jadhav won the second prize in the ORS day poster competition
- Dr. Abhishek, Dr. Biswindu and Dr. Vishruti were given certificate of Appreciation for participation in World Health Day Poster Competition
- Dr. Praveen Davuluri stood 3rd and Dr. Chaitali Borgaonkar stood 5th in Slogan competition based on WHO theme of the year at SION Hospital in April 2014
- Dr. Deepika Nandanwar & Dr. Ganesh Narawane Late were given Dr. Chandrakant Patil award for best resident in community services
- Dr. Anubha Shukla & Dr. Dhananjay Singh were awarded Dr. Parimala Subramanian award for best resident in Community Medicine

### **Psychiatry**

- Study of assess association of Parental death and childhood psychiatric co-morbidities. Dr Pulkit kaushal, Dr Ajita Nayak, Dr S R Parkar - Award won at Adolescent Child Psychiatry symposium in Dr. Dy. Patil college
- Prospective analysis of knowledge, attitude and perception regarding Electroconvulsive therapy in caregivers of Schizophrenia patients Dr Pulkit Kaushal, Dr Heena Merchant, Dr Ajita Nayak, Dr S R Parkar, Dr Abha Thakurdesai - Award won at BPS, 2014 conference, 20th April, 2014
- A study of depression in medically ill depressed patients with respect to coping mechanisms and spirituality. Dr. Deepika Singh, Dr. Jahnavi Kedare - Award won at GERON 2014, Kolkata
- To study the age of recognition of symptoms and their correlated in children diagnosed with autistic spectrum disorders : A retrospective study . Dr Rahul Bagal, Dr Kranti Kadam, Dr S R Parkar- Won best paper award at paper presentation of staff society for residents
- A study of Psychiatric morbidity among patients recovering from ICU - Dr. Pranjalee Bhagat, Dr. Shilpa Adarkar - Won best paper award at staff society - Dr. Amrit Mody poster award



### **Surgery (General Surgery)**

- Dr Milind More received two fellowships - 1) Advanced laproscopic surgery 2) Association of Colorectal Surgeons of India
- Dr D Mohare received the fellowship of the Indian Association of Gastrointestinal Endosurgery
- Dr Advait Jathar won the second prize in the poster competition at TRAUMA 2014 at the All India Institute of Medical Sciences
- A four year collaborative project - Australian Indian Trauma Systems Collaborations was initiated
- Dr Abhay Dalvi elected as President Elect of the Indian Association of Gastrointestinal Endosurgeons
- Dr Abhay Dalvi continues as Governing Council Member of the Association of Surgeons of India

### **Surgical Gastroenterology**

- Dr Sharvari Pujari was awarded the first prize for Best Scientific presentation for her paper " Clinico-Radiological Corelation in Portal Biliopathy"
- Dr Suhail Khuroo, Dr Adithya Nargund, Dr Mirza Kasim Beg and Dr Sagar Kurunkar , Dr Apur v Chaudhari and Dr Pravin Bhat were awarded FIAGES degree (Fellow of Indian Association of Gastro-Intestinal Endo Surgeons)
- Dr Sharvari Pujari and Dr Vikram Chaudhari were awarded FACRSI degree (Fellow of Colorectal Surgeons of India)

### **Urology**

- Dr.Umesh Shelke, Senior Resident stood second in Eagle travelling fellowship in West Zone USICON 2014 at Vadodara.

# Community Care





## Community Care

### Anatomy

- Residents' participation in fever OPD Anesthesia
- Conducted a basic life support training course for paramedical personnel to handle emergency scenarios.
- Residents regularly attend blood donation camps.

### Cardiology

- Faculty participation in seminars, conferences, workshops and CME

### Chest Medicine

- The Department of Chest Medicine & Environmental Pollution Research Centre conducts respiratory morbidity related health surveys to study the effects of air pollution on health.
- Following health surveys were conducted in the year 2014 (January 2014 to December 2014) 1 Jan 2014 to 31st Dec 2014.
- The Department of Environmental Pollution Research Center (EPRC) also conducts an annual respiratory morbidity survey in chlorination plant workers from Bhandup and Pise-Panjra-Pol. Also this survey is conducted annually among workers at the sewage plant at the Versova pumping station.
- Social Awareness camps and Lecture.
- Chest Medicine was a part of team conducting awareness and treatment at Chaityabhoomi on 4th -6th December 2013 for respiratory ailments and tuberculosis.
- Asthma Education has been provided to new patients and follow-up cases in the department and in camps conducted all over Mumbai

### Dermatology

- Dr. Vidya Kharkar examined 200 patients at 12, 13th Camp held at Khed Chiplun, organized by Suryakool Pratisthan and delivered lecture for patients

### Endocrinology

- Weekly visits to diabetes dispensaries at peripheral health centers attached to KEM hospital
- Diabetes Detection camp were done on 7.09.2014 at Dnyaneshwarnagar, Sarvajanic Ganeshutsav Mandal. Twenty five patients attend the same.

### ENT

- Dr. J. P. Dabholkar invited faculty for Medical Camp in November 2014 in Valsad, Gujarat
- Dr. Nilam Sathe Invited surgeon for Medical ENT camp on 13th- 14th April 2014 at Khed, Dapoli, Ratnagiri
- Dr Shashikant Mhasal Invited as Faculty in Children's Day Medical Camp at Matunga

### Gastroenterology

- Community outreach health services undertaken to immunize all high risk personnel against Hepatitis B

### Hematology

- Hemophilia Care patient awareness programme and cancer awareness programme was undertaken.

### Medicine

- Dr.N.D. Karnik participated in MBC monsoon related diseases health check up camps in various wards
- Blood donation camps were organized by residents
- Dr.N.D Karnik delivered lectures to private general practitioners on malaria and various monsoon related diseases
- Dr.Neelam Redkar organized health camp on 13 th June for senior citizens on occasion of 'Prevention of elder Abuse Day'. 94 senior citizens attended the camp.

- Dr.R.N.Sahay spoke at IMA Panvel for physicians 'Management of Diabetes: Rationality and newer trends'
- Dr. R. N. Sahay delivered lectures on Monsoon related illness for dispensary AMOs
- Dr. Kaustubh Salagre participated in a medical camp organized for residents of Vile Parle on 23 November 2014.

### **Microbiology**

- The department provided Voluntary Counseling and Testing services for ~2700 direct walk-in clients who wanted to know their HIV status. The service was provided free of cost and Confidentiality was ensured.

### **Neonatology**

- Social Awareness camps and lectures: Weekly meetings with parents of babies admitted in NICU to educate them about Preterm/ Low Birth Weight care. Approx 1200- 1500 parents are educated in 2014.
- Article on Common Breastfeeding Issues in Voice of Voiceless. Nanavati RN. Published by Indian Foundation for Premature Babies, November, 2014.

### **Nephrology**

- Dr. NK Hase wrote series of articles in Maharashtra times to educate laymans about kidney diseases.
- Dr. NK Hase delivered a talk on Asmita Vahini, on renal transplant in July 2014.

### **Neurology**

- Social Awareness camps and lectures: Dr. S. H. Ravat has attended Free Epilepsy Detection and Treatment Camp at Igatpuri on behalf of Epilepsy foundation in Association with National Rural Health Mission on 25th Jan. 2014.

### **Obstetrics and Gynecology**

- Blood Bank Camp and Health Camp was organized on 26.07.2014

### **Occupational Therapy**

- Dr. Mrs. Usha U Kasar Participated in pre -school assessment of Kindergarten children at Bombay International School on 29th November 2014
- Shilpshree Paslule Conducted a session for geriatric inmates of Matoshree Old Age Home, in a session organized by PSM department, Seth GSMC & KEMH on 7th October, at Khadavli.
- Kirti Patil Training to hemophilic mothers conducted at Western Region Women's Workshop plus camp on 5th and 6th August, 2014 by HFI Thane & Kalyan June 2014.
- Kirti Patil Participated in Healthcare camp and screening of Osteoarthritis and low back pain patients organized by GSB trust at Dombiwali in May 2014.

### **Ophthalmology**

- Residents and medical staff attended various camps to serve poor and under privileged patients and operated on them for various surgeries at a nominal fee.

### **Pathology**

- Participated in blood donation camps for monsoon related illnesses.
- Blood collection of HIV patients in the ART programme

### **Pediatric Surgery**

- Birth Defect Clinic started in January - Counseling and early intervention of congenital anomalies
- 1st Birth Defect Camp at Jawhar was co-ordinated and conducted on 30th April 2014, at Cottage Hospital Jawhar, Dist - Thane
- 2nd Birth Defect Camp conducted at Palghar.

### **Pediatrics**

- Resident Medical Officers and Faculty members attend various OPDs in peripheral hospitals as a part of Peripheral Linkage Program.

### Pharmacology and Therapeutics

- Participation in the health camp organized at Chaityabhumi on 6th December 2014 to provide care and awareness about rational use of Ayurvedic drugs.
- Dr. Sudhir Juvekar was invited as a guest speaker for the program organized for geriatric patients at Malvani Urban Health Centre on 6th March 2014.
- Dr. Sudatta Shirolkar enlighten the Goregaon, Jyeshtha Nagarik Sangh (elderly) regarding Panchakarma therapy on 1st April 2014.
- Dr. Sudhir Juvekar was invited as a guest speaker to talk on Positive living at ART Centre on World HIV Day 1st December, 2014.

### Physiotherapy

- Several social awareness camp and lectures were conducted on the importance of physiotherapy and rehabilitation

### Plastic Surgery

- Offered surgical and outpatient services to camp in Upleta, Gujarat
- Offered outpatient services to camp in Jawhar district, Maharashtra (organized by State govt)

### Preventive and Social Medicine

Mumbai Aarogya Abhiyan: Residents & Interns are posted at various Sunday Camps

Months	No. of Camps	No. of Residents Posted	Total No. of Beneficiaries
June	1	4	250
July	4	4	1010
Aug	3	4	800

### Community Outreach Health Services

#### Naigaon under five clinic :-

- Health awareness sessions on breast feeding promotion was conducted in February 2014 on exclusive breast feeding, supplementary feeding, importance of underfive clinic, personal hygiene, mother & child health care.
- Breast feeding week celebrated in August 2014 – i) Visit to Shishughar was conducted in which the importance of “Kangaroo Mother care in management of Low Birthweight babies” was explained. ii) Workshop on growth charts and their interpretation was held on 20.8.14 by Dr. Prashant Gangal, BPNI, President, Maharashtra Cell. iii) Breastfeeding awareness sessions were conducted on 26.8.14. Beneficiaries - 41
- Well baby competition was conducted on 30.9.14 – children enrolled – 26, prizes were distributed to the winners – 120 beneficiaries attended the programme
- Nutrition and cooking demonstration for ANC and PNC mothers, staff of Naigaon maternity home, community health volunteers was conducted by “Food and Nutrition board, woman and child development, on 28.10.14 – Beneficiaries 78

#### Naigaon Geriatric OPD :-

- Special camp for elderly for chronic illness (Hypertension, DM) held on 5.2.14 at Naigaon Kamgar Kalyan Kendra, Naigaon, Participants – 70
- World Geriatric Day celebrated on 1.10.2014 on “Health Screening for the elderly” – at Naigaon Kamgar Kalyan Kendra, Naigaon, Participants – 70

### **Psychiatry**

- The department conducted a basic life support training course for paramedical personnel to handle emergency scenarios.
- Residents regularly attend blood donation camps.

### **Surgical Gastroenterology**

- Dr Chetan Kantharia was one of the team member of The Out reach Program of International HPB Surgery team to Nepal to teach and initiate program at Distant palces.
- Conduct OPD every alternate Wednesday at Govandi Shatabdi Hospital from 10.00am to 12.30 pm. Social Awareness Lectures were delivered by Dr Chetan Kantharia, Dr Ramkrishna Prabhu and Dr Sharvari Pujari at various forums including on Television.

### **Transfusion Medicine**

- Conducted a blood donation camp at blood bank, KEM Hospital on occasion of “National Voluntary Blood Donor Day” i.e. on 1st Oct 2014 with co-ordination with Jivandata Swayamsevi Sanstha, Kalachowki & collected 153 units of blood.
- On the occasion of World Blood Donor Day 14th June 2014, Blood donation camp was organized by Ramada Hotel, Powai.

# Donations and Grants



# Donations and Grants

## Cardiology

- Rs 50,000 from Rajan Ruvala for heart ailments
- Rs 25,000 by Jaymala Churi, Vaishali Mahimkar, Sonali Thomare for infusion pump of coronary care unit

## Chest Medicine

- Kalpataru - Rs. 10 Lakhs donation to Diamond Jubilee Society "Trust (DJST)
- Mr. Srinivasan donated Bilevel CPAP machine to department of Chest Medicine

## Clinical Pharmacology

- Indian Council of Medical Research - 1 crore and 16.5 lakhs
- WHO - 11.5 lakhs
- Serum Institute of India- 31 lakhs
- Council for Scientific and Industrial Research - 26 lakhs

## CVTS

- Rs 99,330/- received from DJST towards OT instruments

## General Surgery

- Two million Australian dollars received for the Australian India Trauma Systems Collaboration multi-centric project

## Hematology

- Vasantha Memorial Trust - Donation for Medicines and Food grains.
- Cancer patient Aid Association - Donation for Food coupons.
- Rotary Club - Rs.6000/- for food coupons.

## Medicine

- Dr. N. D. Karnik donated all issues of previous 5 years of American Journal of Neurology to MICU library
- Dr. N. D. Karnik donated books to MICU library: all issues of NEJM from 2008-2013 and following books

## Microbiology

- Mr Brijesh Vissanji, Chronos Enterprises, donated GeneXpert machine and 1000 CBNAAT cartridges for TB and MDRTB detection and Vitek 2 machine and 1000 identification and susceptibility testing cards
- Received a grant of Rs.31,527/- from NACO for ICTC, EQAS, CD4 and accreditation activity.
- Received a grant of Rs.1,00,000/- from NVBDCP for Dengue and CHK test.

## Neonatology

- Mazgaon Dock Limited donated an amount of Rs.3,72,00,000.00/- for Renovation of NICU under CSR project.
- UNICEF donated an amount of Rs. 24,77,785.00/- for Facility Based Newborn Care project
- Mrs Amit Gandhi donated an amount of Rs. 5,36,000/- for patient care.

## Nephrology

- Donation from D.J.S.T. of Rs.1,50,000/- for Pulse-oximeter and medgun biopsy gun

## Neurology

- When the cost is not affordable by patient we refers patients to - Ratan Tata Charitable Trust, Dorabji Tata



Charitable Trust, L. S. Gala Charitable Trust, Nana palkar smruti samiti Trust, Mahalaxmi Charitable Trust and others. They counsel the patients and relatives and gives donations as per their terms and conditions.

### **Obstetrics and Gynecology**

- Dr. S.V.Parulekar donated five Books costing Rs. 10,000/-, to departmental library, all issues of Journal of Obstetrics & Gynaecology of India to departmental library and donated two eBooks for department.
- Received a grant of Rs. 4855950/- from ICMR HRRC

### **Occupational Therapy**

- Heritage Healthcare, Mumbai sponsored Rs. 10,000/- for the World Occupational Therapy Day & 64th Anniversary of Occupational Therapy School & Centre of Seth G. S. Medical College, Celebrations on 14th November 2014.a
- Isaac Group LLC, New York paid Rs. 35000 for departmental developmental fund.

### **Pediatrics**

- Received a grant of Rs. 3,20,000/- from DJST for BIPAP/ CPCP Machines for non-invasive ventilation in Pediatric ICU and four syringe infusion pumps in ward no.2
- Received a grant of Rs. 1,33,200/- for Four Radiant Warmer Stands

### **Pediatric Surgery**

- Rs 75,000 from Diamond Jubilee Society Trust for 3 radiant warmers
- Donation from an anonymous donor of Rob and Smith Operative set up

### **Physiology**

- Dr. J. B. Dharani donated Rs: 4,400/- towards purchase of books for departmental library

### **Pathology**

- Dr.Anil Amin donated Rs. 10, 00,000/- for Renovation of Surgical Seminar room with advance computerized facility
- Teaching Pathologists Conference group – Mumbai donated Rs. 5000/- for Department and faculty development and activities.

### **Preventive and Social Medicine**

- Organ donation poster campaign grant received 1,50,000/- from MCGM
- Donation received from Apnalaya – Posters on Tuberculosis, diarrhoea, child care – Rs. 10,000/-

### **Psychiatry**

Donations were received from following:

- Lalbaug cha Raja
- Euro Foundation
- Nana Palkar Smruti Samittee
- R.T Galach. Trust
- Sushila Modi charitable Trust
- Several individual donors

### **Staff society**

- Received from Medknow Publications & Media Pvt. Ltd., publisher of JPGM Rs. 88,485/-.
- The Parel Chemist Gift shop gave Rs.10000/- towards Foundation Day Dinner and Rs. 20000/- from Emcure Pharma.

### **Surgical Gastroenterology**

- Mrs Nayna Premji Dedhia donated 3 Multiparameter monitors worth a sum of Rs 5,00,000 for GI Surgery ICU
- Mrs Suniti Jain: Rs 1,00,000/- for Audio-Visual of Seminar Hall

### **Urology**

- "Mini Perk" and "Indian OT Table" donated by Progressive Women's Welfare Association, Mumbai.
- Endoscopic Instruments Rs.5 Lacs (approximate amount) donated by Olympus Ltd
- Surface camera for routine recording donated by Olympus Ltd



# Education



# Education

## Anatomy

### Courses taught and Intake

- I MBBS - 180
- MD Anatomy- 01
- I B.P.Th. -40
- I B.O.Th.-40
- Nursing- 80
- I B.P.M.T -35

### Other courses taught by the department at various institutes.

- Biomedical Engineering - DJ Sanghvi College of Engineering
- Biomedical Engineering- Thadomal Shahani Engineering College
- Biomedical Engineering- Watumull Institute of Electronics Engineering and Computer Technology
- Biomedical Engineering- Vidyalankar Institute of Technology
- Nursing- Holy Spirit Institute of Nursing Education
- Nursing- Fortis Hospital
- Nursing- Gopikrishna Piramal Memorial Hospital

## Anesthesia

- MD Intake : 22 Results : 100% DA: Intake : 16 Results : 100%
- CPR : Advanced Cardiac Life Support (ACLS) : 30 workshops, attended by 300 students.

### New courses added and Intake

- DM (Cardiac anaesthesia) Superspeciality course started from academic year 2013-14 with approval from MUHS.
- DM (Paediatric anaesthesia) Superspeciality course started from academic year 2014-15 with approval from MUHS.
- One year fellowship course started with approval from MUHS - Cardiac Anaesthesia, Neuro Anaesthesia, Paediatric Anaesthesia. Two students in each course.

## Biochemistry and Clinical Nutrition

### Courses offered and intake

- MBBS -Ist Year 180
- B.P.Th.-Ist Year-40
- B.O.Th.-Ist Year-40
- B.P.M.T- Ist Year (Cardiology Technician & Perfusion Technician)-10
- PGDMLT-10
- Ph.D Medical Biochemistry-3
- M.Sc. Biochemistry by Papers- 24
- Ph.D Biochemistry -3
- M.Sc. Biochemistry by Research- 4
- 20 UG students from Basic Sciences all over Mumbai participated in summer training in CCBL

## Cardiology

- Two observers underwent training
- DM Cardiology- 6 residents
- MD Medicine/Allied- 3 residents
- DPMT- 5 students
- 3rd year BPTH, BOTh and MPTh for clinics
- SNTD MSc Nursing students guided for thesis

### **Chest Medicine**

- Courses offered: MD (Pulmonary Medicine)
- Training workshops on education: M. Sc. Nursing students from SNDT University and Fortis hospital, Mulund regularly undertake Chest Medicine rotation.
- MBBS, Occupational and Physiotherapy students are regularly posted in Chest Medicine as part of their curriculum and undergo training through lectures and bedside clinics.
- M.Sc pharmaceutical medicine students are posted for carrying out clinical research in collaboration with our department.
- Student placement s- 2 from Tata Memorial Hospital (Allied posting for M.D.- Palliative Medicine- new course offered by MUHS, Nashik)

### **Clinical Pharmacology**

- DM Clinical Pharmacology- 1
- 06 MD Pharmacology students did a 2 month rotation
- PhD applied biology (Mumbai Univ)- 05 students
- PhD Clinical Pharmacology (MUHS) - 02 students
- MSc- Applied biology (Mumbai Univ)- 01
- MSc Pharmaceutical Medicine - 06

### **CVTS**

- Mch degree offered

### **Dermatology**

- MD in Dermatology
- Diploma in Dermatology
- MUHS Fellowship in Diagnostic Dermatology

### **Endocrinology**

- DM Endocrinology
- Diploma in Diabetology

### **ENT**

- MS degree offered

### **Forensic Medicine**

- MBBS- Total 180 students
- Other courses offered are BPMT

### **Gastroenterology**

- Dr.Shiva Reddy posted from Tata hospital was posted as International Observer and Elective trainee
- 2 DM (Medical Gastroenterology) students were posted to Tata Hospital for the rotation for 3 months.
- 2 DM (Medical Gastroenterology) 2nd year students are posted from Tata hospital for 3 months Dec to Feb 2015
- DM Gastroenterology; 2 students
- Mr. Prashant Dhore M.Sc (Applied Biology) student passed in March 2014
- Approval of Fellowship in Hepatology from MUHS university to intake DM student for the 6 month course

### **Hematology**

- Approval from the World federation of Hemophilia, for recognition of the Department of Hematology & IHH as an International Hemophilia Training centre (IHTC), Dr Farah Jijina appointed as co-director.

## **Medicine**

- DM-Critical Care (Superspeciality) -03 doctors from Tata have been posted for 3 months rotation in MICU starting September 2013.
- Fellowship in critical care : 01 students has been enrolled this year
- Structured Clinical Training Programme for 2 nd MBBS students is going on as formulated.
- Training Workshops on 'Communication Skills' for second year Post Graduate M.D students is going on as formulated.
- Several lectures were delivered and workshops attended by faculty of medicine department

## **Microbiology**

- Clinical case based approach for undergraduate training introduced.
- The department carried out undergraduate training for MBBS, B.Sc.(PT), BPMT, B.Sc.(OT) and B.Sc.(nursing) students. Post graduate training was provided to MD (Microbiology), M.Sc. (Microbiology) by research, PGDMLT and Ph.D. students.
- Two undergraduate II MBBS student representatives were selected to participate in the intercollegiate zonal quiz at the chapter conference of IAMM.
- Six students have registered for MD Microbiology this year

## **Neonatology**

- DM Course is offered
- MUHS Fellowship course in Neonatology is offered

## **Nephrology**

- 100 % D. M. Nephrology result.
- Installation of Serum and urine electrolytes analyzer in research lab of the dept.

## **Neurology**

- Msc pharmaceutical medicine - two students posted for one year for thesis on neurological subject.
- BPMT course – MUHS's BPMT course students posted for EMG/EEG training
- New courses added and intake – Approval for Epilepsy fellowship granted by MUHS.
- BPMT students taken for Neurophysiology course this year.

## **Neurosurgery**

- International and national observers attend neurosurgical services. The laboratory is recognized by Neurological Society of India and World Federation of Neurosurgical Societies (WFNS).
- Department recognized by WFNS education committee as Class A centre for training in skull base surgery 2008-2009.
- The Department has 4 recognized teachers for M.Ch. (Neurosurgery) of the University of Mumbai. Every year 2 candidates are admitted for the M.Ch. Neurosurgery course.
- The Departmental library has 2314 books and various National and International Journals.

## **Nuclear Medicine**

- Monthly meetings on the last Friday of every month
- 2 seats for DNB in Nuclear Medicine from 2012

## **Obstetrics and Gynecology**

- Completed one year of Journal of Post Graduate Gynecology & Obstetrics (JPGO) publication (open access, indexed online, free journal) with co editors Dr. A. S. Gupta and Dr. A. R. Chauhan. Total of 129 publications including 114 case reports, 12 editorials and 3 quizzes.
- Completed one year of structured comprehensive postgraduate education, covering 52 topics per year in two years, and mock examinations in third year, so as to cover entire curriculum, in each unit independently.



### **Following workshops were organized by faculty members of the department:**

- Communication skills
- Intrapartum Fetal Monitoring
- Scrubbing, Wearing gown and gloves, Abdominal wound dressing
- Monitoring & Conducting labor: abdominal and vaginal monitoring
- Management of 4th stage of labor, episiotomy, perineal tear, vaginal tear, cervical tear
- Bleeding Control
- Suturing technique, Suture removal, IUCD
- Trial of Labour
- Induction of Labour
- Forceps and Vacuum application
- Curettage in Gyn & Obst cases
- CVP cut down, monitoring MgSO<sub>4</sub> therapy
- DIC profile interpretation & Amniocentesis
- Conducted 3 One day workshops On 'Sensitive Medical Care and management of Sexual Assault Survivors' for residents in Ob Gynecology, Forensic Medicine, Pediatrics and PSM on 3,11,17th September 2014.
- Conducted movie screening and discussion on Rural Obetetrics with staff from SEVA Rural Hospital, Bharuch, Gujrat for residents in OBGYN, students in Nursing on 05.12.2014.
- CME: Breast Feeding

### **Occupational Therapy**

Dr. Mrs. Jayashri S. Kale Presented lecture on following Topics

- Hemophilia Rehabilitation - Kolhapur, Hemophilia Federation of India(HFI), May 2014
- Importance of Exercises in Hemophilia at Goa in April 2014
- Training the trainer for Mother's Group, HFI Thane & Kalyan June 2014
- Dementia Management at JMLT, KEMH in September, 2014.
- Paper accepted for presentation at the World federation Occupational Therapy Congress June 2014.
- Dr. Mrs. Snehal P. Desai. Presented on "Rehabilitation of the burn injury " at 4th Annual National Conference of Society for Hand Therapy, India at Hotel Tip Top Plaza on 14th September, 2014.
- Dr. Mr. Hemant P. Nandgaonkar Presented on "Hand Therapy Team Building through shared mental models" at 4th Annual National Conference of Society for Hand Therapy, India at Hotel Tip Top Plaza on 14th September, 2014.
- Dr. Mrs. Shilpshree P. Palsule was Invited as speaker at ISSHCON 2014,held at Mangalore from 14th November to 16th November, for a talk on 'Splintage and Functional Training in Brachial Plexus Injuries: An Occupational Therapy perspective.'

### **Ophthalmology**

- M.S Course is offered

### **Orthopedics**

- M.S Course is offered

### **Pathology**

- M.D. (Pathology) – 14 students per year
- MBBS – 180 students per year
- D.M.L.T - 10 students per year
- B.P.M.T Course – 22 students
- Fellowship courses in Cytopathology, Renal Pathology, GI Pathology, Cardiovascular Pathology, Pediatric Pathology and Neuropathology
- Dr. Amita S Joshi gave a lecture on "Endoscopic biopsies of GIT and Liver biopsies normal and abnormal" at gastroenterology PG teaching conference on 23.2.14.

- A lecture on "Hands-on-slide viewing session of peripheral blood smears and bone marrows" was delivered by Dr. Daksha P, Dr. Tejaswini,
- Library holdings: Approximately 310 text books in various aspects of Pathology maintained in the Departmental libraries.

### **Pediatric Surgery**

- Mch course
- MUHS course In minimal access pediatric surgery
- Several papers and posters in national and international conferences

### **Pediatrics**

- MD Pediatrics: 16 seats (includes KEM Hospital and B.J. Wadia Hospital)
- DCH: 12 seats (includes KEM Hospital and B.J. Wadia Hospital)
- Fellowships: Fellowship in Pediatric Intensive Care (2 seats); Fellowship in Clinical Genetics (2 seats) and Certificate Course in Pediatric Respiratory Disorders (2 seats).
- MSc in Applied Biology
- MOC (Medical Officer Certificate Course) Training Program with 4 trainees in a year. Under this program, medical officers from various district/ civil hospitals are trained in Pediatrics on an ongoing basis (in batches for 6 months each).
- One trainee Dr Ram Thakare

### **Pharmacology and Therapeutics**

- M.D Pharmacology: 07 Post graduate students successfully completed the course.
- Ph.D(Applied Biology), Intake for the year - 01
- MSc In Applied Biology -01 student completed the course and awarded Msc.

### **Physiology**

- Observers and Elective Trainees: Dr. Munira Hirkani & Lalita Chandan served as MCI appointed observers for MCI Basic courses in MET.
- Dr. Lalita Chandan & Dr. Munira Hirkani were faculty for various faculty development programs in MET at Seth G. S. Medical College & KEM Hospital.
- Department conducts sessions in Renal Physiology for dialysis technicians of the Gopikrishna Piramal Memorial Hospital on request.

*Courses offered & intake for the current year*

- Postgraduate degree course in Human Physiology-04
- I MBBS -180
- IIIrd MBBS (Integrated lectures)-180
- FYBOTH-37
- FYBPTH-40
- III year OT-25
- Bachelor of Para-Medical Technology 1st - 09
- Bachelor of Para-Medical Technology 2nd year-06

### **Physiotherapy**

- Commencement of Ph.D Programme in physiotherapy at MUHS Nashik. Formulation and Execution of teaching program for graduate and postgraduate Physical Therapy courses.
- Formulation of Clinical teaching and training program for graduates and postgraduate courses.
- Seminars for postgraduate students with evidence based management was organized
- Externs & Observers training from all over India.
- Training to nursing students from S.N.D.T. University March 2014.

## Plastic Surgery

- Courses offered and intake for current year: MCh Plastic Surgery. 2 students per year

## Preventive and Social Medicine

- International observers and elective trainees: A structured training program has been developed for foreign students visiting GSMC /KEMH "Observership Program". As a part of the program, students undergo training in various areas in Community Medicine viz. Rural health, health programs, etc.
- 14 Students of D.H.A. from Garware Institute of Management posted for internship in the department in the year 2014.

### *Courses offered, intake and results:-*

	Course offered	Intake	Results (2013)
1	M.B.B.S.	180	
2	Diploma in Public Health	2	Pass - 2
3	M.D. (PSM)	19	Pass -19
4	Postgraduate course in Pharmaceutical Medicine	Lecture courses in Community Medicine conducted by PSM Dept.	
5	Bachelor of Occupational therapy (B.O.Th.)	Lecture courses in Community Medicine conducted by Community Medicine Dept.	
6	Bachelor of Physiotherapy (B.P.Th.)	Lecture courses in Community Medicine conducted by Community Medicine Dept.	
7	B.Sc. Nursing (Bhagwati, Cooper Hospital)	Lecture courses in Community Medicine conducted by Malvani Health Centre	

### *Post Graduate Students Activities for M.D./D.P.H.*

Faculty Lectures	Monday
Journal Club presentation	Tuesday
National Health Policies and Programs	Wednesday
Case Presentation	Thursday
Biostatistics & Research Methodology	Friday
University Seminar	Saturday

- Postings of RMOs - KEM Hospital - 22 months (which includes posting in General OPD, IDSP, UIP OPD, Naigaon Under -5 clinic & Naigaon geriatric OPD.), Rural health training Center - 4.5 months and Malvani Urban Health Center - 8.5 months
- Posting in Kasturba Infectious Disease Hospital for one month on rotation basis
- "Mother Support Group" training for RMO: Rotational 15days training to all 1st Year RMO's.
- 1 Day training on "Peripheral smear for Malarial Parasite technique" for all 1st Year RMO's.
- STI/RTI Training at Mumbai District AIDS Control Society, Mumbai
- Visits to Non-Government Organizations (NGO) working in field of health or health related Activities, Essay writing on topics of Public Health importance/issues, Recent Advances, PG Examination Preparation (Writing and Discussion).

## Psychiatry

- MD (Psychiatry) - 5
- DPM (Psychiatry) -1
- New Courses/Activities
- Introducing the OSCE format in training and examination of students
- A total of 3 training programs were conducted for doctors and nurses by Regional Technical Training Centre, Department of Psychiatry, under the aegis of Global Funds Project HIFAJAT (Round 9)

## **Radiology**

- MD
- DMRD
- Fellowships in Neuroradiology, Interventional Neuroradiology, USG and Color Doppler, Vascular and Interventional Radiology

## **Surgical Gastroenterology**

- Dr Vikram Chaudhari successfully passed DNB GI Surgery exams
- Dr Sharvari Pujari and Dr Vikram Chaudhari were awarded FACRSI degree ( Fellow of Colorectal Surgeons of India)
- Dr Suhail Khuroo, Dr Adithya Nargund, Dr Mirza Kasim Beg and Dr Sagar Kurunkar , Dr Apurv Chaudhari and Dr Pravin Bhat were awarded FIAGES degree (Fellow of Indian Association of Gastro-Intestinal Endo Surgeons

## **Transfusion Medicine**

- Dr. Jayashree Sharma took a lecture on Investigation of Transfusion Reaction at National Institute of Immunohaematology for the Annual Training Programme in Blood Banking held in July 2014.
- Dr. Jayashree Sharma took a lecture on Role of blood bank in Transfusion Medicine at NIIH on 27.11.14 for trainees from North East India.
- Dr. Jayashree Sharma, Dr. Charusmita Modi & Dr. Swarupa Bhagwat took lectures for Department of Transfusion Medicine course (DTM) conducted by CPS Mumbai from 1st July to 15th July 2014.
- Dr. Swarupa Bhagwat participated in programme on "Voluntary Blood Donation" on Akashwani Asmita Channel on 3/11/2014 and 04/11/2014.
- Technologists take specialized training in "Component Preparation and platelet pheresis."

## **Urology**

- Mch Urology
- Medical Education: Observers from various centers in India and abroad.
- Superspeciality Training By Rotation (1 Student/Month) in following
- Uro-Oncology at Tata Memorial Hospital -
- Urology OPD & OT in MCGM Peripheral Hospitals
- Laproscopic training on Animal Model at Johnson & Johnson Medical Centre, Mahim.
- Reconstructive urology training with Dr.Sanjay Kulkarni at Pune



# Patient Care



# Patient Care

## Anatomy

- Quality training imparted for better patient care

## Anesthesia

- Anaesthesiology department catered to 44 operation theater tables located in 15 OT complexes. Anaesthesia services were given to about 65,000 surgical patients & the department catered to 26,000 Anaesthesia OPD patients for pre-operative evaluation.
- The department has special post-operative pain relief services and anaesthesia intensive care unit.
- Anaesthesia services were given for workshops conducted in the following specialties : Pediatric Surgery OT, Urology OT & Orthopedic Surgery OT

## Biochemistry and Clinical Nutrition

Tests done in the department in each month

- January-28576
- February-24320
- March-25418
- April-27935
- May-26556
- June-23,272
- July-27,332
- August-27,481
- September -29,492
- October-31241
- November - 32555

Total tests done -31, 241

Following tests were conducted in the department in year 2014

- BUN test - 139246 tests were performed
- Creatinine test- 139246 tests were performed
- TP test - 66181 tests were performed
- Alb test -66181 tests were performed
- OT test -129758 tests were performed
- PT test - 129758 tests were performed
- Sodium test -65647 tests were performed
- Potassium test-65647 tests were performed
- Calcium test -70008 tests were performed
- Chloride test -49305 tests were performed
- P test -70008 tests were performed
- Alp test -129883 tests were performed
- UA test -70391 tests were performed
- Sugar test -144530 tests were performed
- TB test -40366 tests were performed
- DB test -36639 tests were performed

## Cardiology

- Total Number of Patients admitted in ICCU- 1456
- Total number of patients admitted in ward 32- 3221
- Total number of patients done for CST - 2019
- Total number of patients done for 2 D ECHO/CD- 6377
- Total number of patients done for ECG -94730
- Total number of new patients in CVTC OPD - 10089
- Total number of Follow up patients for CVTC OPD- 21591



Procedures in Philips Cath Lab of the department

Sr. No.	Types of procedures	Number
1	Coronary angiography	718
2	BMV	193
3	BPV	6
4	BAV	19
5	ASD Device closure	31
6	VSD Device closure	7
7	PDA Device Closure	41
8	PCI with stent	72
9	Electrophysiology study and Radio Frequency Ablation	72
10	PPI Implantation	40
11	Diagnostic Catheterization	39
12	AICD	9
13	Coarctoplasty	6
14	LA Appendage Device Closure	2
15	BMV+ BAV	2
16	Vertical Vein Closure	1
17	HOCM	2
18	BTV	2
19	BMV+BTV	1
20	RSOV	0
21	AP Window	1
Total Number of Procedures		1487

Procedures in Mobile Siemens Cath Lab of the department

Sr. No.	Types of procedures	Number
1	Coronary Angiography	1066
2	EPRFA	30
3	PPI	60
4	EPS	11
5	PPI-Battery Replacement	6
Total		1173
<b>Total procedures conducted in the department - 2660</b>		

**Chest Medicine**

- Pulmonary function tests in the department
- FV Loop - 3228
- DLCO - 217

RV/TLC - 94

PEFR-

Pulmonary Function Tests 2014	
FV Loop	3228
DLCO	217
RV/TLC	94
PEFR	13
Oscillometry	3
MEP/MIP	27
Rhinomanometry	1
Exercise Testing	1

Arterial Blood Gas Laboratory: Tests Performed - 49433

Number of Allergen Tests Performed : 188

	Number of admissions
IRCU	302
Ward	619
Total	921

(Total admissions 2013-1/1/2014 to 31/12/2014)

OPD	Numbers
New	7256
Old	17726

The total number of admissions was 1178. 302 patients required Intensive Care. The total number of deaths in 2014 is 29. The mortality rate is 3.14%. (Till 31/12/2014)

	2013	2014
Admissions	1027	921
Ward 32	827	619
IRCU	200	302
Deaths	23	29
IRCU Mortality rate	11.5%	9.6%
Total mortality	2.23%	3.14%

\*Data for 2014 from 1st Jan to 31st Dec.2014

Procedures	
Bronchoscopy	77
Pleural Tapping	161
Sleep Study	19
Lymph Node FNAC	56
Pleural Biopsy	1
CT Guided Biopsy	17

Procedures	2014
Bronchoscopy	77
Diagnostic BAL	9
Therapeutic Lavage	8
Glue for Broncho-pleural fistula	2
Brushings	14
Mass/Mucosal Biopsy	5
TBNA	1
CT Guided Biopsy	17

### Clinical Pharmacology

- TDM OPD- 2209 patients seen, new patients 1204, follow up patients 1005
- Malaria OPD- total slides screened 10100; total positives - 560. P vivax- 539; P falciparum - 16, Mixed infections - 05
- Serum lithium estimations- 20

### CVTS

#### *Outpatient Services*

- Four Outpatient Clinics are conducted every week.
- Place: CVTC Building, Ground Floor (307)
- Days: Monday/Wednesday (Dr.NBA Unit)  
Tuesday/ Friday (Dr.DVK Unit)
- Timing 1.30 pm onwards
- New patients as well as follow-up patients are seen in the OPD. The follow up clinics are especially important for those who have undergone complex congenital heart surgeries and especially valve replacement surgeries who need their anticoagulation management under supervision and congenital heart surgeries whose palliation has been done for evaluation for completion procedures. Till 30th November, 2448 new cases were evaluated for various Cardiac Thoracic and Vascular ailments.
- *Operative Work Details*
- Total Admissions : 976
- Total Surgeries : (Open - 558, Closed 172 Emergency 49)

### Endocrinology

#### *Quality and Quantum Of Patient Care*

- Indoor admission: 325 (January 2014 to November 2014)
- Outdoor patient: From January 2014 to November 2014

	New Pts	Old Pts	Total
Diabetes	4677	18824	23501
Thyroid	5065	9513	14578
P&G No.	1302	2140	3442
Total :	11044	30477	41521

## Hormone Assay Report 2014

Sr. No.	Test	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Total
1	Blood Sugar	763	684	576	492	505	694	555	600	1129	1116	1203	8317
2	T3	1259	1069	1133	1122	974	884	887	955	1197	970	977	11427
3	T4	1348	18091	1176	1183	1140	930	943	1015	1256	1025	1013	12120
4	TSH	2020	1841	1955	2103	2033	1599	1629	1937	2156	1584	1692	20549
5	AMA	168	140	168	254	122	126	104	161	123	116	106	1588
6	FSH	211	146	151	136	162	96	105	154	126	113	143	1543
7	LH	220	149	129	207	142	80	109	147	135	116	175	1609
8	PRL	203	129	149	141	164	138	106	178	112	123	142	1585
9	Testo	131	108	76	102	86	91	82	91	104	72	85	1028
10	Cortisol	179	138	125	122	115	138	109	137	138	105	161	1467
11	PTH	134	145	171	154	153	206	132	193	124	64	168	1644
12	ACTH	78	52	28	45	45	83	135	34	26	0	39	565
13	IGF1	21	32	26	60	33	31	48	68	18	0	73	410
14	HGH	111	68	43	65	48	50	47	72	21	0	55	580
15	UFC	21	7	0	0	0	0	0	0	0	0	0	28
	Total	6867	5799	5906	6186	5722	5146	4991	5742	6665	5404	6032	64460

- Pituitary meet: 1st Wednesday of every month. Here challenging cases are discussed with Neurosurgeons, Endocrinologist, Radiation Oncologist, Radiologist, and Neuropathologist for patient care improvement.
- Thyroid meet / Histopathology meeting: 2nd Wednesday of every month. Here challenging cases are discussed Endocrinologis, Radiologist, and pathologist for patient care improvement.
- Adrenal meeting: 3rd Thursday of every month Case based discussion between urosurgery, general surgery, radiology, pathology and Endocrinology.  
Inter-college Mumbai Endocrine group meeting: 3rd Wednesday of every month Interesting case discussion.
- Webinar with CMC Vellore Endocrinology: Last Tuesday of every month Interesting case discussion.

### Forensic Medicine

- Estimation of age of 43 persons including Sportspersons, Employees of Reliance and others. Consultation to surgery & medicine wards regarding the injury certificates in admitted cases.
- Expert opinions given on different Antemortem Cases Like: Sexual Assaults, Violent Asphyxias, Poisoning Cases,
- Forensic Odontology Expert Opinion given on cases of Sexual Assault, identification of unknown and Age assessment.

Total-183

### Gastroenterology

- New OPD Patients: 4967
- Patients admitted to Gastroenterology wards: 1030

## Diagnostic procedures performed in the department

Pulmonary Function Tests 2014	Number of patients
Upper GI Scopy	2280
Colonoscopy	1500
E.R.C.P.	450
Proctoscopy	800
Liver Biopsy	280
<i>Therapeutic Procedures</i>	
Esophageal Variceal Sclerotherapy	150
Esophageal Variceal Band / Loop Ligation	500
Endoscopic clipping for bleeding lesions/ polyps	20
Esophageal Dilatation	200
Esophageal Prosthesis Placement	5
Gastric varices injection with glue	10
Bleeding Ulcer Injection	150
POEM	1
Argon Plasma Coagulation	5
Endoscopic biliary sphincterotomy and drainage	410
Endoscopic pancreatic sphincterotomy and drainage	40
Pancreatic cyst drainage	2
Polypectomy	15
Foreign Body removal	70
Percutaneous endoscopic gastrostomy	8
Rectal Stricture Dilatation	5

- Special Procedures performed in the department
- Endoscopies in children are done under general anesthesia: 70
- Special Investigations
  - Esophageal Manometry 160 patients.
  - Anorectal manometry: 187
  - pH metry : 26
- Special services for patients: 24-h emergency service, especially for patients with GI bleeds, pancreatitis, cholangitis and liver disease complications

## Hematology

Indoor services offered by the department

Months	Patient Admissions
January	77
February	72
March	91
April	84
May	85
June	80
July	89
August	81
September	90
October	96
November	85

- In patient services offered by the department in the year
- Patients with following ailments were treated: Thalessemia for blood transfusions, Bone marrow failure syndromes for blood and platelet transfusion, Hemophilia's & other coagulation disorders for factor treatment and physical therapy, Platelet disorders for transfusions, Leukemias & lymphomas for chemotherapy, oral, I,V, & Intrathecal

#### Day care patients treated in department

Month	Patients
January	284
February	232
March	370
April	406
May	448
June	329
July	264
August	257
September	231
October	191
November	190
December	-

Following tests were performed in the department:  
CH, RETIC, TC/DC, ESR, Platelet count, MP, BMA

#### Medicine

- Total OPD patients- 23756
- HIV patients- 1560
- Rheumatology patients - 2481
- Hypertension- 780
- Headache- 1285
- Geriatrics- 971
- MICU facilities- 28 ventilators ( n = 450 patients), plasmapheresis, portable 2D ECHO ( n = 32 patients in MICU), bronchoscopy ( n = 37), percutaneous tracheostomy ( n =5)

#### Microbiology

Total following number of samples were processed in the department

Division of the department	Total samples processed in 2014
Bacteriology specimens processed / ABS	86000 / 33000 ABS
Virology & Immunology (HIV, HBV, HCV, CD4, RPR)	93,000
Mycobacteriology	28,000
Mycology	3100
Serology	31000
Parasitology - Stool	8000
Parasitology - Malaria antigen detection (RDT)	5300
GeneXpert MTB/RIF Assay	220
Emergency Laboratory	25000

## Neonatology

Neonatal Intensive Care Unit : 37 bedded

Sections	Type of Services	
A	Inborn aseptic neonatal care area	13
B	Inborn septic & out born neonatal care area	11
C	Intermediate care area	09
V	Ventilatory care area	04

- Section A: Babies born in K.E.M. Hospital who are not infected are kept in this area.
- Section B: Babies born in K.E.M. hospital who are at risk of developing infection or babies transferred from other municipal or private hospitals are managed here.
- Section C: This section renders intermediate care to the neonates. The babies who do not require close and continuous monitoring are looked after here.
- Ventilator section: The babies requiring ventilatory care are closely monitored and managed here.
- Human Milk Bank: Human milk bank is an institution established for the purpose of collecting, screening processing, storing & distributing donated human milk that is dispensed to recipients who are not the biological off springs of the donor mother.
- Kangaroo Mother Care Center : The department is selected as the center of excellence for initiating Kangaroo Mother Care for Low Birth Weight babies in India, the first & one of the regularly followed up here for growth, nutritional status, neuromotor, neuro developmental & neurosensory assessment & early intervention therapy is institutes when required.

### *Quantum of patient care :*

Total no of babies born	6780
NICU admissions	1538
No. of KMC recipients	650

Total No of OPD patients	Old -10332 New - 2382
Indoor patients	634
Referred patients	7560
Kidney biopsies	178
Peritoneal dialysis	35
C.A.P.D.	13
Haemodialysis performed	5795
Kidney transplants	31

*Test done in A.K.D. Lab. From Jan. 2014*

Complete Blood Count	22378
Urine Routine & Microscopic	24450
24 hrs. urinary protein	15775
Urine Creatinine	3200
Urine Culture	4703
Sensitivity Extended	700
Sensitivity Routine	20
Sensitivity	5
Blood Culture	5
Sensitivity routine	275
Sensitivity extended	40
Australia Antigen (Elisa)	40
HbsAg	890
HCV	890
Urine Osmolality	733
Serum Osmolality	312
Urine PH	100
Stool routine	82

*Biochemistry from June to Nov. 2014*

BUN	13500
Creat	19800
Total protein	3510
SGOT/AST	9980
SGPT/ALT	10105
Na+/Sodium	15100
K+/Potassium	15100
C1 - / Chloride	15100
Phosphorous	13170
Alkaline phosphatase	3790
Uric Acid	5600
Glucose	4700
Bilirubin Total	800
Direct	800
Albumin	10142
Calcium	13200



## Neurology

- Ictal EEG - 126
- Video EEG - Inter-ictal - 977
- EMG-nerve conduction - 169
- Special services for patients-Pre-surgical evaluation of refractory Epilepsy
- Special facilities for patients - Botulinum toxin for movement disorder.

## Neurosurgery

The department is a referral centre for neurosurgical patients from through-out western India and also from other parts of the country. The highlight of management is that there is no waiting list for surgery. All patients needing surgery are operated within 2 days of admission. All the technological equipment necessary to perform any kind of complex neurosurgery procedure is available in the department. Specialization in sub-divisions of neurosurgery is encouraged. The department now wishes to enhance the capabilities by incorporating endovascular techniques within the framework of the department. Approximately 2000 operations are done by the departmental staff. Of these there are 450 operations done for head trauma in the general surgery operation theatre by the neurosurgical staff. 1500 surgeries were performed in the neurosurgery operation theatre. Video EEG and neuropsychological assessment available for evaluation of epilepsy patients. Radionics CRW Stereotaxy apparatus available to perform deep brain biopsies and functional neurosurgery. Brainlab Neuronavigation system installed for image guided cranial and spinal surgeries. Digital subtraction angiograms and endovascular neurointerventional procedures are now being performed. Carotid stenting, coiling of aneurysms and treatment of cranial and spinal arterio-venous malformations is being routinely done.

### *Patient load*

- Routine 5-6 cases per day Emergency Non Traumatic: 1-2 per day Emergency Trauma: 1-2 per day Endovascular Surgery: 4-5 per day Stereotaxy:1-2 per day

## Nuclear Medicine

The number of scans done - HIDA (123), Liver (23), Thyroid (415), Bone (295), Renogram (1051), DMSA (281), Abdomen (23), GER (57), GET/ETT (57), Lung scan (14), Lymphoscintigraphy (6), Parathyroid (29), Brain (620), Stress thallium (620), Gallium (15), Cardiac PET (165), WB PET (18), , Miscellaneous (2), I131 therapy (57), I 131 scan (3), WB PET (18). Total scans - 3321

## Obstetrics and Gynecology

Total No. of confinements 6363

Total major surgeries (Obstetric OT) 2694

Total minor surgeries (Obstetric OT) 1706

Total surgeries (Gyn OT) 1079

## Occupational Therapy

Workload	Outpatient Dept	In Patient Care	Intensive Care
Patients	10505	11681	1849
Visits (Treatment Sessions)	106037	112770	7191

## Ophthalmology

Type of surgeries	Number of patients operated
Cataract	1500
Retina	500
Cornea	130
Oculoplasty	100
Squint	70
Glaucoma	30
Others	100

## Pathology

*CVTC Laboratory 116 (CVTC Building First Floor)*

*Annual Workload*

Details	Patients
a. total PM specimen received (PM+ML)	8193
b. total PM Blocks Made (PM+ML)	2818
c. total PM slides stained (PM+ML)	796
d. Surgical specimen received	395
e. Surgical block made	967
f. Surgical slides stained	2554
g. Cytology specimen received	721
h. Cytology slides stained	2194
i. special stain +Sr. cut+ Deep Cut + MS+NS+ other sp. Stain	1437
j. Total slide stain	13885
k. Total specimen received	3877
l. Total slide stained	13885
Total block made	3483

*CVTC Laboratory 315 (CVTC Building First Floor)*

*Annual Workload*

a. Blood Collections (OPD+ Wards)	15,191
b. Hemograms	17,779
c. Platelet counts	
d. Prothrombin time	3285
e. BT-CT	
f. Routine Urine Examination	3180
g. Routine body Fluid Examination	133
h. Serum Cholesterol	19927
i. Serum Triglycerides	19927
j. HDL	4160
k. LDL	4160

l. VLDL	4160
m. Serum Amylase	1031
n. CPK	758
o. CPK- MB	758
p. LDH	2395

*CVTC Immunology Lab 316*

a. CRP	3519
b. C3	1132
c. C4	1091
d. RA factor	1424
e. ACLA - IgG	232
f. ACLA IgM	232
g. B2 glycoprotein IgG	14
h. B2 glycoprotein IgM	14
i. Immunoglobulin E	158
j. Cryoglobins	10
k. Bronchalveolar lavage cytology	15

*Cytology (library Bldg 2nd floor)*

Total FNAC performed	4345
No. of slides generated from FNAC	22100
PAP stain carried out on	10650
Giemsa stain carried out on	11450
No. of fluid samples for cytology	350
PAP stain carried out on	350
Giemsa stain carried out on	350
No. of PM slides for Giemsa	130
Total No. of IHC done for cyto slides	

*O. C Laboratory*

Hemograms	8996
Biochemistry	5086
	Total: 14,082
Hb	8996
PCV	1808
ESR	8996
WBC total	8996
WBC differential	8996
MP	146

*EMS laboratory*

- Hemograms 4,58,591
- Smears for malarial parasites 35,693
- Arterial Blood Gas 26840
- CSF 1002
- PT/INR 18007

*Surgical Pathology (library bldg 2nd floor)*

No. of specimen	8768
No. of blocks	36200
No. of slides prepared	1443076
No. of special stain	8314
No. of frozen section	122
No. of frozen bits cut	488
No. of kidney biopsies	364
No. of kidney blocks	626
No. of Bone marrow blocks	141
No. Spl Stains	3682
No. of Liver Biopsy	256
No. of Block prepared	967
No. of slides and Spl stains	7846
No. of Blocks	290
No. of slides	1503

*Clinical Pathology and Hematology (MSB 6th floor)*

Hemograms	2, 23,260
Malarial parasites	4685
Optimal / QDX (Malarial antigen test)	5845
Platelet count	36,793
Special investigations (RBC, sickling, LE cell, Retic count, buffy coat, Microfilaria)	61,065+218+01+1071+811+1702 =64868
Special stains for leukemia	87+92 = 179
Bone marrow biopsies, Bone marrow Aspirate & Imprint	220+349= 569
Urine examination	68998
Fluid samples for microscopy	2183

*Neuropathology (MSB 6th floor)*

*Clinical Pathology*

No. of Heamograms	1080
No. of CSF examined	1305

*Biochemistry*

No. of Asctic/Pleural	2372
Proteins urine porphyry	1305

*Histopathology*

No. of tissues received	1129
No. of blocks prepared	3017
No. of slides prepared	3313
No. of tissue for cryo/squash	53/232
No. of CSF cyto/ Cryptococcus	524

*Autopsy*

No. of brains received	100
No. of blocks prepared	2400
No. of slides prepared	2296
With spl stains	

## Clinical & Hematological Services OPD 008

### 1. Outpatient Department Laboratory (MSB Ground Floor)

a. Blood collections:	2,25,001
b. Hemograms:	84,062
c. Coagulation profile (BT/CT):	2608
d. Routine urine examination:	26,630
e. Malarial Parasites	816
f. Platelet count	2702

### Autopsy

Total No. Autopsies Performed: 295 + 232 (MLO PM) = 527

### Pediatric Surgery

- Total admissions - 1805
- Total no of Surgeries - 1184
- Major surgeries - 514
- Minimal access surgeries - 201
- Minor surgeries - 670

### Pediatrics

Patient Services	2014 (till 30th Nov 2014)
General Pediatric OPD	27534
Indoor Admissions	4450
EMS Attendance	28902
PICU Admissions	519
Under Five Clinic	5156
Pediatric Rheumatology Clinic	127
Pediatric Nephrology Clinic	412
Pediatric Chest Clinic	584(49)
Genetic Clinic	729(335)
School Clinic	445
Thalassemia day care centre admissions	1759
Pediatric Epilepsy Clinic	1582(303)
Learning Disabilities Clinic	563(550*)

*Note: Figures in parenthesis indicate new patients; \* Certified/ Evaluated*

### Pharmacology and Therapeutics

- OPD services: Ayurveda Research Centre of Department of Pharmacology and Therapeutics runs an OPD on Friday afternoon. Last year 1925 patients were registered in the OPD.
- Indoor admissions in the Ayurveda Ward were done whenever detailed assessment and therapeutic procedures were required. Total number of indoor admissions in 2014 was 490.
- Panchkarma and other therapeutics procedures were performed on patients who were admitted on Day Care basis.
- Monitoring for Quality of Ayurvedic Formulations: 38 Ayurvedic formulations were analyzed for synthetic steroids and of these 24 were found to contain synthetic steroids. 6 samples were received for detection of heavy metals.
- 54 queries were received from Octroi department of MCGM for providing advice regarding plant drug containing formulations with justification.

## Physiotherapy

- Total OD Patients: 3,00,000 - 1,30,000
- Indoor Patients: 1,85,000 Cardiovascular & Throacic Centre, Orthopaedic Wards ,Medical , Surgical Intensive Care units and Wards of K.E.M. Hospital
- Daily average of P.T., OPD attendance: 600 patients
- Daily average of PT Indoor attendance: 750 patients

### *New Services :*

- Rehabilitation in spine conditions
- Rehabilitation in Brachial Plexus injury

### *New Facilities:*

- Core strengthening for obese women
- Rehabilitation program for GBS patients
- Scapular control training for shoulder joint dysfunctions.
- Proximal Stability Control in Knee Osteoarthritis

## Plastic Surgery

- Department specializes in cleft lip and palate, complex vascular malformations of head, face & limbs, T. M. joint ankylosis, lymphedema, skin tumors, management of absent vagina and intersex related problems, microvascular surgery etc.
- Joint Clinics for following are conducted Hand, Maxillofacial Surgery, Brachial Plexus.

### *Patient workload*

Year	2014 (upto Nov)
Indoor patients - Plastic surg	851
Indoor patients - Burns	109
O.P.D. Patients	7513
Casualty Reference	973
Routine operations	1331
Emergency operations	3698
<i>Total Operations</i>	5029
Referrals from other departments	1453

## Preventive and Social Medicine

General OPD services:

Month	Male	Female	Total
December 13	4162	3160	7322
January 14	4273	3277	7550
February 14	4441	3299	7740
March 14	3774	3594	7368
April 14	3745	3427	7172
May 14	3822	3866	7688
June 14	2966	2531	5497
July 14	3014	3100	6114
August 14	3406	3224	6630
September 14	4016	3856	7872
October 14	4338	3053	7391
November 14	4275	3906	8181
Total	46232	40293	86525

In the same premises, screening of BMC employees is also carried out for infectious diseases and chronic diseases. A total of 3670 employees (male - 1380 female - 1290) were examined in 2014.

*Morbidity:*

Sr.No.		Male	Female	Total
1	Muscleskeleton	6598	6485	13083
2	Fever	8376	6893	15269
3	Headache	5382	5514	10896
4	ARI	6221	5098	11319
5	Chest pain	3535	2642	6177
6	AGE	975	835	1810
7	UTI	2575	2396	4971
8	Cough with Expect	702	558	1260
9	PS for MP	449	84	533
10	Ref for Bl. Sugar	637	563	1200
11	Skin	744	780	1524
12	STI/RTI	375	368	743
13	ICTC referral	98	112	210
	Total	36667	32328	68995

**b) Immunisation OPD :**

The national program for UIP is being implemented in our institute with following beneficiaries.

Vaccine beneficiaries:

Vaccine	Male	Female	Total
BCG	2533	2075	4608
OPV 0	2239	2024	4263
DPT 1, DPT2, DPT 3/ OPV1, OPV2, OPV3	1855	1745	3600
HBV 1 , HBV 2, HBV 3	1855	1745	3600
Measles	361	341	702
MMR	370	247	617
DPT / OPV B1	354	252	606
DT / OPV B2	149	111	260

In addition , 6 rounds of National Pulse Polio immunization on Sundays followed by a week of IPPI activities within the campus were conducted in the year of 2014.

**c) Naigaon Geriatric OPD : Total patients - 1576**

Vaccine	New	Old	Male	Female	Total
January	18	181	55	144	199
February	9	99	35	73	108
March	15	113	39	89	128
April	12	86	30	68	98
May	3	50	11	42	53
June	12	102	36	78	114
July	16	94	42	68	110
August	11	114	36	89	125
September	6	113	32	87	119
October	15	157	46	126	172
November	10	126	47	89	136
December	10	144	40	114	154

**d) Naigaon underfive clinic : No.of New registration : 172 No.of old beneficiaries : 261****e) Integrated Disease Surveillance Program :**

Daily Disease surveillance is done through IDSP established at KEM Hospital, PSM Dept. for patients with Acute Gastroenteritis, Leptospirosis, Dengue, Malaria and fever cases admitted in KEM Hospital. Epidemiological investigation in the field for these cases are carried out. The disease trend and high risk areas are identified and informed to Epidemiological cell (Kasturba hospital Mumbai) for required action. The death cases are thoroughly investigated. Health check up camps are carried out in the vicinity of the outbreak areas by the PSM residents.

The total cases (disease under surveillance) admitted in KEM Hospital this year were 4345.



## II. Services at Naigaon Health Centre :

Naigaon community is one of field practice areas of the department of PSM. The various activities conducted in the Naigaon community are as follows :

- General OPD (Geriatric Clinic) on every Wednesday & Friday.  
In the year 2014 till date, 1478 patients were examined in the General OPD at Naigaon.
- Under Five Clinic at Naigaon Maternity home on every Tuesday & Friday.  
In the year 2014 till date, 433 beneficiaries attended this clinic.

## III. Services at Malvani Urban Health Centre :

The old centre located at Malvani is proposed to be demolished and new multi-storied health centre will be constructed. The preventive, promotive services are now shifted to Maulana Azad Maternity Hospital at Malvani. Lions Club, Mumbai has initiated a collaborative project in Malvani for Geriatric health care.

### Quantum of care:

#### 1. General OPD :

	Children		Adults	Total
	0-5 Years	6- 12 Years		
Male	7598	5058	15247	27903
Female	7309	4982	26973	39264
Total	14907	10040	42220	67167

Total OPD collection is Rs. 494010/- only

#### 2. Special OPDs

OPD	No. of Patients	
Dental	193	
Psychiatry	New	108
	Follow up visits	1929
	Total	2037
Ophthalmology	Cataract surgery	00
	Optometry	60
	Total	60
Injections given	3353	
Skin	6064	

#### 3. Chronic OPD (Patient visits):

Disease	Male	Female	Total
Hypertension	590	1999	2589
Diabetes Mellitus	106	548	654
Bronchial Asthma	22	27	49
HT with DM	242	901	1143
IHD	4	52	56
HTN with Asthma	2	12	14
Epilepsy	0	2	2
Others	1	0	1
Total	967	3541	4508

#### 4. Revised National Tuberculosis Control Programme

CAT-I								CAT-II								Total		total patients	
NSP		NSN		NEP		Total		R		F		TAD		Other					total
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M
9	7	6	6	6	8	21	22	2	2	3	2	2	3	4	4	10	7	31	29
1	0	0	2	0	6	1	1	7	5		1	7		7	6	4	6	2	7

Transfer In: Males-17; Females-12; TG-3 NSN-TG-3 MDR patients on Cat IV & V: Males: 10; Females: 9; TG: 0

	M	F	Total
No. of children started on INH prophylaxis started in RNTCP OPD	52	50	102
No. of children given MT	63	48	111
No. of children found MT positive	8	7	15
No. of MT positive symptomatic children started on AKT	2	0	2

#### 5. IDSP:

Disease	Patients Screened		Patient found Positive	Positive pts started on Treatment at MUHC
	Adults	Children		
Tuberculosis suspects	1657	239	291	312
Malaria suspects	3484	2304	P. vivax P. falciparum Mixed Total	39
			35 2 2 38	
Suspected AGE Hepatitis/Dengue/ Others	842	1671	Nil	2513
Suspected Measles	495	443	Nil	0
AFP	0	0	0	0

Services Provided	Male	Female	TS/TG	Total
ICTC Services				
Pre Test Counseling done	738	1405	115	2258
Test Conducted	738	1404	115	2257
HIV Positive	23	25	15	63
HIV Negative	715	1379	100	2194
STI OPD Services:				
No. of patients who visited who visited STI OPD	408	1543	91	2042
No. of patients counseled	408	1543	91	2042
No. of RPR/VDRL test conducted	14	5	27	46
No. of partner notification undertaken	28	279	0	307
No. of partners managed	233	42	0	275
No. of patients referred to ICTC	120	539	0	659

<i>ICTC Services</i>				
Pre Test Counseling done	738	1405	115	2258
Test Conducted	738	1404	115	2257
HIV Positive	23	25	15	63
HIV Negative	715	1379	100	2194
STI OPD Services:				
No. of patients who visited STI OPD	408	1543	91	2042
No. of patients counseled	407	1543	91	2041
No. of RPR/VDRL tests conducted	14	5	27	46
No. of partner notification undertaken	28	279	0	307
No. of partners managed	233	42	0	275
No. of patients referred to ICTC	120	539	0	659

6. National AIDS Control Programme & STI Programme & HIV-TB Co-ordination:

	HIV positive	HIVnegative	Total
Referral of suspected TB cases			
from ICTC to RNTCP	47	164	211
Referral of Diagnosed TB patients			
from RNTCP to ICTC	13	650	663
Referral from ICTC to STI	18	109	127

7. Universal Immunization Programme

VACCINATION	MALE		FEMALE		TOTAL
	< 1yr	> 1 yr	< 1yr	> 1 yr	
OPV 0	76	0	72	0	148
BCG	115	0	102	0	217
DPT1 + OPV 1	248	0	208	0	456
DPT2 + OPV 2	172	0	175	1	348
DPT3 + OPV 3	172	2	174	0	348
HBV-0	53	0	65	0	118
HBV1	249	0	207	0	456
HBV2	172	0	179	1	351
HBV3	172	0	170	0	342
MEASLES	148	3	144	0	295
BOOSTER1(DPT)	0	117	0	130	247
MMR	0	147	0	144	291
BOOSTER2(DT)	0	47	0	41	88
Inj.TT	0	19	0	19	38
Total					3743

8. Laboratory Report:

Investigation	No. of patients
Hb. - routine	113
Blood group	0
ESR	287
FBS/PLBS	304
RBS	88
Sputum for AFB Positive	341
Sputum for AFB Negative	2174
Urine pregnancy test	73

New facility: Semi auto-analyzer started for blood sugar estimation for Chronic OPD patients from 13/11/2014.

9. MEDICAL SOCIAL WORKER :

OPD	Patients counseled
GOPD	760
POPD	1894
COPD	4431
WBC	340

- No. of community visits: 54
- No. of child to child programme: Nil
- Monthly meetings of patients on DOTS: 459 (No. of pts attending)
- Referral: 261
- ANC patients at MMH: 184 (Health education)
- PNC clinic at MMH: 36 (Breast feeding education)
- Teaching at KEM
  - a)UG teaching at KEM
  - b)Family allotment activity
  - c)Family study for UG students at Naigaon community
- Donation: Note books for chronic OPD patients and medicines.

IV. Services at Rural Health Training Centre :

As per MCI guidelines, the department of Preventive & Social Medicine has developed the 'Rural Health Training Centre' (R.H.T.C.) at Pise-Panjrampur Water Treatment Plant, Sakwar, Vasai taluka, and Khadavli, Thane district.

The various curative, preventive, promotive and rehabilitative services provided to the population of nearby villages of the R.H.T.C.s for the year 2013 are as follows :

a) Pise-Panjrampur RHTC :

OPD SERVICES:

New	Old	Total Beneficiaries
310	1280	1590
Male	Female	Total Beneficiaries
1590	0	1590
Adult	Children	Total Beneficiaries
1590	0	1590

School Health Check-up Activities: Pise ZP school, Amne ZP school :

Male	Female	Total Beneficiaries
113	139	252

Maternal and Child Health Services: Under 5 Clinic at Padgha

Male	Female	Total Beneficiaries
151	207	358

ANC AarogyaSastra Activities: AtKhardi camp

	New	Old	Total Beneficiaries	Reffrels
ANC	381	102	483	30
Peadriatics	75	81	156	-

b) Sakwar RHTC:  
OPD SERVICES:

New	Old	Total
14357	19697	34054
Male	Female	Total
14010	16635	30645
Adult	Children	Total
30645	3409	34054

School health check up activities : Male - 738 Female - 651 Total Beneficiaries - 1389

Immunisation sessions activities : Sessions - 14 Total beneficiaries - 211

Anganwadi Health check up activities : Male - 347 Female - 479 Total beneficiaries - 826

Pulse Polio activities : Sessions - 3 Total beneficiaries : 211

Geriatric health check up activities : Male - 741 Female - 767 Total Beneficiaries - 1508

Health education sessions conducted : 43

Maternal and child health activities :

	New	Old	Total
ANC	93	118	211
Paeds	1598	1811	3409

c) Khadavli RHTC:  
General OPD:

Adult		Children		Total
Male	Female	Male	Female	
4322	5071	1723	1446	
9393		3169		12562

	Male	Female	Total
School Health check up	564	440	1004
Geriatric health check up	1598	1811	3409
Aanganwadi health check up	1811	1727	3538
	New	Old	Total
ANC Aarogyashastra activity (ANC)	315	177	492
ANC Aarogyashastra activity (Pediatrics)	415	1848	2263

Immunization: Sessions : 270 Total Beneficiaries = 2263

Pulse Polio sessions - 4 Total Beneficiaries = 13638

V) *SPECIAL ACTIVITIES:*

a) *Pise Panjrapur RHTC:*

- i) Conducted workshop on prevention of Hypertension and its risk factors for employees of Panjrapur water treatment plant on occasion of WHO day.
- ii) Conducted IEC session on Diabetes Mellitus and Hypertension for employees of Pise water treatment plant.
- iii) Active participation of RMOs of Community Medicine in National Pulse Polio Program.
- iv) IEC on care in pregnancy, danger signs in pregnancy & IYCN was given to ANC mothers at Khardi camp.
- v) Visit of RMOs of Community Medicine department to District Public health lab at Thane.
- vi) Manav Vikas Shibir at Khardi PHC : Total no.of beneficiaries = ANC mother - 645 Children - 267

b) *Sakwar RHTC: 4*

Sr.No.	Activity
1	Health education on ANC care, anemia in women, geriatric illnesses on occasion of MahilaMelava.
2	Arranged and performed Skit on TB and Deaddiction
3	Conducted workshop on Hypertension on WHO day Theme " High blood pressure".
4	Health education to about 112 old age people about diet, exercise and common geriatric problems.
5	Adolescent health initiative training of ITI students at RHTC sakwar
6	IYCN trianing of CHWs
7	IYCN training theme breast feeding support close to mother of ASHA workers at Durvesh PHC on account of world breast feeding week.
8	World breast feeding week celebration 2013: street play by CHWs and essay competition on Breast feeding by CHWs.
9	15thaug celebration at RKM and Sakwar village.
10	Training session conducted for Anganwadi workers on anemia.
11	Skit performance about non communicable disease done by Interns to ITI students.
12	Awareness of blood donation training for ITI students of RKM
13	Skit performance about TB by CHWs.
14	Organised and conducted quiz programme for CHWs about drugs to increase their knowledge about drugs.
15	Done IPPI with ANM and AWW at Kelichapada and taught CHWs about marking.
16	Conducted hand washing training for ITI students, skit on HIV and TB by CHW students, Quiz and training on Breast feeding and Nutrition for

*c) Khadavali RHTC:*

1. WHO Health Day celebration: Small Bite, Big threat on 7th April, 2014.
2. World Population Day on 11th July 2014.
3. Breast Feeding Week (1st week of August 2014.)
4. Geriatric Day Celebration at Matoshree Vridhasharam on 1st October 2014.
5. World Diabetes Day on 14th November 2014.
6. World AIDS Day on 1st December 2014.
7. Well disinfection in Khadavali East.

Health Camps organised by the Indian Medical Association under the Project AaoGaonChalein"

*d) Malvani Health Centre : Monthly camps conducted*

**Psychiatry**

- In this year the numbers of new patients seen in OPD were - 6359
- On follow up the no of patients examined were approximately - 34447
- The no of indoor patients admission were - 533
- EEGs - Total no. of patients - 968
- ECTs - Total no. of patients - 1116
- Psychological testing \_ Total no. of patients - 1719

*Deaddiction Centre*

- OPD New cases - 1211
- Follow up cases - 2950
- Indoor Admissions - 256

*Specialist Services*

*Group Therapy Services*

- The department provides group therapy services for patents. The disorders and the number of patients counseled are as follows:
- Suicide attempts: - 155
- Sexual dysfunctions: - 140
- Caregivers of Patients with Schizophrenia - 350
- Geriatric clinic for old age patients - 250

*Specialized Clinics*

- Specialized clinics are also run for special groups of patients .The number of patients seen are
- Child guidance clinic for children with psychiatric disorders
- New cases - 470
- Follow up - 1250
- Memory Clinic - 50

## Radiology

- 1,80,000 patients for diagnostic and interventional procedures

## Surgical Gastroenterology

### OPD Services

Month	New Patients	Old Patients	Indoor Admission	Operated
Jan	118	212	75	52(9)
Feb	97	164	168	33(4)
March	75	198	91	37(3)
April	104	146	72	56(6)
May	80	261	71	47(4)
June	100	221	87	47(4)
July	104	184	80	50(5)
August	92	130	76	44(3)
September	98	208	91	55(8)
October	95	161	95	52(7)
November	121	172	86	48(3)
	1084	2057	992	521(56)

### Total number of surgeries performed in the department

Name Of Surgery	Nos of Patients
Esophagectomy for Ca Esophagus	14
Esophago-coloplasty for Corrosive stricture	15
Cervical Esophagostomy with Dilatation for Corrosive stricture	2
Esophageal dilatation	9
Radical Gastrectomy for Ca Stomach	15
Gastrojejunostomy for Palliation in Ca Stomach	9
Feeding Jejunostomy for Ca Stomach	8
Whipples Surgery for Ca Pancreas	24
Triple Bypass for Inoperable Ca Pancreas	3
Extended Freys Surgery for Chronic Pancreatitis	29
Cysto Jejunostomy for Pseudo-cyst of Pancreas	4
External drainage of Pseudo-cyst of Pancreas	1
Pancreatic Necrosectomy	15
Hepatic Resection	21
Extended Cholecystectomy for Ca Gall Bladder	10
Open Cholecystectomy	5
Hepatico-Docho-Jejunostomy with Hepp-Counaid technique for Bile duct Injury	31
PSR Shunt surgery for PHT	14
Devascularization Surgery for PHT	7
Open Splenectomy	3
Surgery for GIST	7
Total Proctocolectomy with Ileo-Pouch Anal anastomosis using double stapling technique for Ulcerative Colitis	17
Low Anterior resection using double stapling technique	7
Extended Right Hemicolectomy	5
Haemorrhoidectomy	3



Name Of Surgery	Nos of Patients
Sigmoid Colectomy	4
Colostomy Closure	11
Small Bowel Surgery	30
Ileostomy Closure	22
Lap Cholecystectomy	78
Lap Splenectomy	21
Lap Splenectomy	7
Lap Right Colectomy	15
Lap Left Colectomy	11
Lap Nissens Fundoplication for Hiatus Hernia	5
Lap Hellers Cardiomyotomy	13
Lap Appendicectomy	11
Lap Gastrectomy	0
Lap Adrenalectomy	21
Diagnostic Lap	14
Lap Bariatric Surgery	1
Total	521

### Transfusion Medicine

- Total 11476 units of Random Donor Platelets and more than 50 units of Single Donor Platelets (SDP) were issued for the patients.
- 6 Successful Stem cell apheresis (PBSC) has been performed in the Department.
- 13 Therapeutic Plasmapheresis has been performed in the Department which is beneficial for patients of G.B. Syndrome, Polymyositis Myasthesia Gravis
- 360 Therapeutic phlebotomy has been performed in the Department which is beneficial for patients of sickle cell anemia, Polycythemia

### Urology

- Stone clinic - 210 patients per OPD
- General urology- 165 patients per OPD
- Andrology - 37 patients per OPD
- Over 16,500 patients were treated on the all urology OPD's during the year and over 1500 operations were performed including kidney transplantations.

# Publications



## Publications

### Anatomy

- Bharati Prabhakar Nimje, P.S. Bhuiyan. A morphometric study of menisci of knee joint in human cadavers. *Int J Biol Med Res.* 2014; 5(1): 3807-3809
- Bharati Prabhakar Nimje, P. S. Bhuiyan. A Study Of Muscular Branches Of Radial Nerve: Significance In Treatment Of Humeral Fracture. *IJCRR.* 2014; 6(6): 01-08
- Syed Naziya , Althaf Ali , Pritha S Bhuiyan, Syed Imran , Anand Abkari, Murthy. A Computerized Tomographic Study of Normal Mediastinal Anatomy in Indian Subjects *International Journal of Health Sciences & Research* ([www.ijhsr.org](http://www.ijhsr.org)) 115 Vol.4; Issue: 11; November 2014
- Syed Naziya , Pritha S Bhuiyan. Acceptance Confirmation-article submitted to *International Journal of Medical Science and Public Health* and entitled 'The Vertebral Levels Of Great Vessels In Mediastinum And Its Role In Vascular Interventions' by (Manuscript Number: IJMSPH-2014-11-511).
- Sikandarbanu Yerolavi, M. Natarajan. Transabdominal Sonographic Quantitative Analysis of the Fetal Cardiac Width in Third Trimester of Gestation. *Journal of Evolution of Medical and Dental Sciences.* 2014; 3(53): 12292-12307.
- Bhuiyan PS, Rajgopal L, Shyamkishore K Edited Inderbir Singh's Textbook of Neuroanatomy - Functional and Clinical 9th edition. Jaypee Publishers released in July 2014.
- Bhuiyan PS, Rege NN, Supe AN Edited The Art of Teaching Medical Students 3rd Edition. Elsevier Publications - (In press)

### Anesthesia

- Oak SN, Dave NM, Parelkar SV, Garasia MB. Surgical checklist application and its impact on patient safety in paediatric surgery. Accepted for publication in *Journal of Postgraduate Medicine* (Manuscript number JPGM\_887\_14).
- Mhamane R, Dave NM, Garasia MB. Microcuff endotracheal tubes in paediatric laparoscopy. Accepted for publication in *Indian Journal of Anaesthesia* (Manuscript number IJA\_125\_14)
- Dave NM. "'Look Alike" packaging -Do we need a wakeup call?" Accepted for publication in *Journal of Anaesthesiology Clinical Pharmacology* (Manuscript number JOACP\_372\_14)
- Shitole S, Dave NM, Garasia MB. Evaluation of the I-gel, a supraglottic airway device in children undergoing day care surgery. Accepted for publication in *Medical Journal of Dr. D.Y. Patil University*
- Textbook Of Pediatric Anaesthesia edition 2015 by Dr Amit Padvi
- Chapters in Textbooks - Noninvasive and Invasive Blood pressure monitoring-Dr.Amit Padvi, Simulators in Anesthesia, Cleaning and Sterilization of Anesthetic equipment in *Understanding Anesthetic Equipment & Procedures: A Practical Approach*. Editors. Baheti DK, Laheri VV. Jaypee Brothers Medical Publishers 2014

### Biochemistry and Clinical Nutrition

- Subramani E, Basu H, Thangaraju S, Dandekar S, Mathur D, and Chaudhury K. Rotational Dynamics of Optically Trapped Human Spermatozoa. *The Scientific World Journal*, 2014, 154367.
- Development of an ELISA for sPSP94 and utility of the sPSP94/sPSA ratio as a diagnostic indicator to differentiate between benign prostatic hyperplasia and prostate cancer . Deepa R. Mhatre , Smita D. Mahale, Mohammed I. Khatkhatay, Swapna S. Desai, Dhanashree D. Jagtap, Jayesh V. Dhabalia, Hemant B. Tongaonkar, Meena P. Desai, Sucheta P. Dandekar, Anand M. Varadkar *Clinica Chimica Acta* Volume 436, September 2014, Pages 256-262.
- The dynamic roles played by a biochemist, S. P. Dandekar and A. M. Rishi . *Ind J Clin Biochem* (Oct-Dec 2014) 29(4):395-397

## Cardiology

- Supracardiac total anomalous Pulmonary venous drainage with Giant Superior Vena cava Aneurysm , A rare combination :Ankur C Thummar MD, Milind S Phadke MD DM, Charan P Lanjewar MD, DM, Ashish Nabar MD DNB, Prafulla G Kelkar MD DM (JACC:112, volume 63, No 19, 2014 Impact factor -15.3)
- Differential cyanosis and clubbing sparing a single limb, Dr. Girish Sabnis Dr. Milind Phadke Dr. Charan Lanjewar , Dr Prafulla Kerkar Dr. Ashish Nabar (JACC:66,volume 63, No 14, 2014 - Impact factor -15.3)
- Idiopathic pseudoaneurysm of mitral- intervalvular fibrosis with rupture into left atrium : Dr.Girish Sabnis Dr.Milind Phadke Dr.Devendra patil, Dr. Charan Lanjewar , Dr Prafulla Kerkar Dr. Ashish Nabar (EHJ: doi:10.1093/ehjci/jou278-Impact factor -14.7)
- Left Main trunk connecting to superior venacava via aneurysmal coronary artery fistula:Dr Pritish Bagul Dr Milind Phadke Dr. Charan Lanjewar , Dr Prafulla Kerkar Dr. Ashish Nabar (EHJ:doc:10.1093ehjci/jet281-Impact factor -14.7)
- Three vanishing masses in the heart :Dr Pritish Bagul Dr Milind Phadke, Dr.Jivtesh S Pahwa, Dr.Rajiv B Sharma, Dr. Charan Lanjewar , Dr Prafulla Kerkar (Japanese college of cardiology, doi:5.5567jcc/jou565: Impact factor -2.5)
- Lipid laden in the true sense – Dr.Rishi Lohiya , , Charan Lanjewar, Milind Phadke, Prafulla G Kerkar (EHJ:doc:10.1093ehjci/jou126: Impact factor -14.7)
- An interesting case of an absent right- sided AV connection with an atrioventricular septal defect and double- outlet left atrium –Dr Sushil Tripathi Dr Milind Phadke Dr. Ashish Nabar Dr. Charan Lanjewar , Dr Prafulla Kerkar (EHJ: doc:10.1093ehjci/jou197-Impact factor -14.7)
- Isolated single coronary artery (R11-B type) presented as an inferior wall myocardial infarction : A rare clinical entity :Ankur C Thummar MD, Milind S Phadke MD DM, Charan P Lanjewar MD, DM,Rajiv B sharma MD DM , Prafulla G Kelkar MD DM (IHJ doi:10.1016/j.ihj2014.06.127)
- An extremely rare cause of the Eisenmenger syndrome: Dr.Milind Phadke Dr.Girish Sabnis Devendra patil, Dr. Charan Lanjewar , Dr Prafulla Kerkar Dr. Ashish Nabar (IHJ-doi:10.1016/j.ihj2014.10.397)
- Epidemiology & risk factor for Atrial fibrillation in India – Dr.Rajdatt Deore, Dr.Amit Vora, Journal of Preventive Cardiology (2014, Vol 3, No.3 )
- Novel kissing catheter technique for foreign body retrieval –Vinay Jaiswal, Charan Lanjewar, Milind phadke, Prafulla G Kerkar (Annals of pediatric cardiology 2014 Vol 7 Issue 3 ).
- Pharmacotherapy in Instent restenosis – Dr.Prafulla Kerkar, Dr.Griish Sabnis – In Coronary Artery Retenosis, Causes, treatment and clinical outcomes.
- In Press – Repture of Sinus of Valsalva – Dr.Prafulla Kerkar In 2nd Edition of Percutaneous interventions in structural , valvular and congenital heart disease.
- Chapter :Failing RV in PAH – How to manage?- Vinay Jaiswal, Jivtesh Pahwa, Prafulla Kerkar (CSI Update 2014 )
- Exercise Stress Test in Non coronary Heart diseases- Dr. Prafulla.Kerkar Dr.Ankur Phatarpekar(Stress ECG testing;chapter 8.g;166 ).
- Stress ECG testing with resting ECG changes , Left ventricular hypertrophy and with drugs- Dr.Ashish.Nabar, Dr.Girish Sabnis(Stress ECG testing;chapter 8.f;152)
- " Cardiac disease and pregnancy" –Milind Phadke, Vinay Jaiswal 4th Edition of 'Practical Guide to High Risk Pregnancy' by Fernando Arias, Shirish Daftary, Kaizad Damania, Elsevier Publication

## Chest Medicine

- Health effects of Tobacco – Kalniranay Arogya in November 2014 and Health Education Article by Dr. A.U. Athavaleon Dengue In "Kalamnama" in November 2014
- Hydrogen Peroxide in Exhaled Breath Condensate in Common Colds – Amey Paranjape, Jairaj P. Nair, Amita U. Athavale, Shishir Singh in IJSR Vol 3 Issue 10 October 2014

- Lung Adenocarcinoma Presenting as Diffuse Alveolar Haemorrhage in a Young Adult - Jeenam Shah, Milind Baldi, Jairaj Nair, Amita Athavale

### Clinical Pharmacology

- Gogtay NJ, Nagpal A, Mallad A, Patel K, Stimpson SJ, Belur A & Thatte UM. Cost calculations in health care- a reply. *Ind Jr Med Res* 2014; 140: 568-69.
- Bang V, Mallad A, Kannan S, Bavdekar SB, Gogtay NJ, Thatte UM. Awareness about and views of parents on off label drug use in children. *Int J Risk Saf Med.* 2014 26(2):61-70.
- Kuyare SS, Marathe PA, Shetty YC, Kamat SK, Katkar JV, Thatte UM "Projects Not Initiated by Investigators: A Retrospective Analysis of the Queries Raised by the Institutional Ethics Committees of a Teaching Hospital" *J Postgrad Med.* January-March; Volume 60(1):46-50
- Karande S & Gogtay NJ. Impact of the midday meal scheme in India. *J Postgrad Med* 2014; 60: 113-5.
- Gogtay NJ, Thatte UM, Thaker SJ & Deshpande S. Need for and use of guidelines for reporting qualitative research. (letter to editor on paper by Mishra N et al). *Ind Jr Med Res* 2014; accepted for publication
- Thaker SJ, Gogtay NJ, Thatte UM. Pharmacoepidemiology: The essentials. *Clinical Epidemiology and Global Health* 2014; xxx 1-6
- Gogtay NJ, Nagpal A, Mallad A, Patel K, Stimpson SJ, Belur A, Thatte UM. Demographics of animal bite victims and management practices in a tertiary care institute in Mumbai, India. *Indian J Med Res* 2014; 139: 59-62.- Link to Study
- Patwardhan S, Gogtay NJ, Thatte U, Pramesh CS. A retrospective study comparing the quality and completeness of data documentation in an investigator initiated study versus an industry sponsored study. *Indian J Med Ethics* 2014; 11(1): 19-24.
- Gogtay NJ, Mali NB, Iyer K, Kadam PP, Kannan S, Shrimal D, Thatte UM. Evaluation of Cytochrome P4502D6 phenotype in healthy adult Western Indians. (accepted for publication, *Indian Jr of Pharmacology*)
- Rajgor DD, Gogtay NJ, Kadam VS, Kocharekar MM, Parulekar MS, Dalvi SS, Vaidya AB, Kshirsagar NA. Anti relapse efficacy of various primaquine regimens for *Plasmodium vivax*. *Malaria Red and Treatment* 2014; 2014; doi. 10.1155/2014/347018/
- Gogtay NJ, Thatte UM, Thaker S, Deshpande S. letter to editor on the paper by Mishra NN et al. of the Knowledge and attitudes of mental health professionals regarding psychiatric research. (Article in press - *IJMR*)
- Yadav S, Kannan S, Vaideeswar P, Gogtay N, Thatte U. *Indian J Pathol Microbiol.* 2014 Jan-Mar;57(1):152-3.
- Taur SR, Karande S, Saxena AA, Gogtay NJ, Thatte UM. Use of computerized tests to evaluate psychomotor performance in children with specific learning disabilities in comparison to children without any learning disability. *Indian Journal of Medical Research* [accepted for publication]
- Kannan S, Kadam PP, Gogtay NJ, Hase NK, Thatte UM. Pharmacokinetics of a single dose (15 mg) primaquine in chronic kidney disease patients undergoing hemodialysis. *JAPI* in press
- Thatte et al 'Immunological and metabolic responses to a therapeutic course of bariatric surgery in obesity'. Accepted for publication *IJMR*
- Kuyare M, Kuyare S, Marathe P, Thatte U. "Perceptions and Experiences of Community Members Serving on Institutional Review Boards: A Questionnaire Based Study", has been accepted for publication in *Accepted for Publication in Health Care Ethics Committee Forum (HEC Forum)*.

### CVTS

- Dr. Supreet Marathe, Dr. Prashant Mishra, Dr. Balaji, Dr. Pradeep Vaideswar, Dr. N.B Agrawal, Dr. Reoneil Parikh, Dr. Arivarsan Karunamurthy Noncompaction Cardiomyopathy : Manifestation as surgical pitfall - rare but real ('Accepted for publication) *ASIAN Annals*

- Dr. Nitin Gundre, Dr.Prashat Mishra, Dr.Balaji Aironi, Dr.P Vaideeswar, Dr,N.B.Agrawal Giant aneurysm of the left atrial branch of the left circumflex artery with fistula. *Annals of Thoracic Surgery* 2013

## Dermatology

- An asymptomatic nodule on the finger.Agrawal PG, Mahajan SA, Khopkar US, Kharkar VD.
- *Indian J DermatolVenereolLeprol.* 2014 Nov-Dec;80(6):577-8. doi: 10.4103/0378-6323.144223.
- The utility of dermoscopy in the diagnosis of evolving lesions of vitiligo. Thatte SS, Khopkar US.
- *Indian J DermatolVenereolLeprol.* 2014 Nov-Dec;80(6):505-8. doi: 10.4103/0378-6323.144144.
- Acquired smooth muscle hamartoma.Adulkar SA, Dongre AM, Thatte SS, Khopkar US.
- *Indian J DermatolVenereolLeprol.* 2014 Sep-Oct;80(5):483. doi: 10.4103/0378-6323.140351.
- Granuloma annulare-like palisading as a histological reaction to a tattoo.Kashyap S, Shanker V, Khopkar U.*Indian J DermatolVenereolLeprol.* 2014 Sep-Oct;80(5):465-7. doi: 10.4103/0378-6323.140321.
- Acquired cutis laxa of face with multiple myeloma.Yadav TA, Dongre AM, Khopkar US.
- *Indian J DermatolVenereolLeprol.* 2014 Sep-Oct;80(5):454-6. doi: 10.4103/0378-6323.140310.
- Appearances in clinical dermatology.Madke B, Chougule BD, Kar S, Khopkar U.
- *Indian J DermatolVenereolLeprol.* 2014 Sep-Oct;80(5):432-47. doi: 10.4103/0378-6323.140304. No abstract available.
- Predominant palmoplantar lichen planus: a diagnostic challenge.Gutte R, Khopkar U.
- *Indian J Dermatol.* 2014 Jul;59(4):343-7. doi: 10.4103/0019-5154.135477.
- Isospora induced diarrhea in a pemphigus vulgaris patient.Sahu AR, Koticha AH, Kuyare SS, Khopkar US.*Indian J DermatolVenereolLeprol.* 2014 Jul-Aug;80(4):342-3. doi: 10.4103/0378-6323.136912. No abstract available.
- Intermediate doses of rituximab used as adjuvant therapy in refractory pemphigus.
- Londhe PJ, Kalyanpad Y, Khopkar US.*Indian J DermatolVenereolLeprol.* 2014 Jul-Aug;80(4):300-5. doi: 10.4103/0378-6323.136832.
- Dermatological Side Effects of Epidermal Growth Factor Receptor Inhibitors: 'PRIDE' Complex.
- Madke B, Gole P, Kumar P, Khopkar U.*Indian J Dermatol.* 2014 May;59(3):271-4. doi: 10.4103/0019-5154.131398.
- "Diamond necklace" appearance in superficial porokeratosis.Thatte SS, Kharkar VD, Khopkar US.
- *J Am AcadDermatol.* 2014 Jun;70(6):e125-6. doi: 10.1016/j.jaad.2013.12.026. No abstract available.
- Trichoscopy in alopecias: diagnosis simplified.Jain N, Doshi B, Khopkar U.*Int J Trichology.* 2013 Oct;5(4):170-8. doi: 10.4103/0974-7753.130385. Review.
- Efficacy and safety of itolizumab, a novel anti-CD6 monoclonal antibody, in patients with moderate to severe chronic plaque psoriasis: results of a double-blind, randomized, placebo-controlled, phase-III study.Krupashankar DS, Dogra S, Kura M, Saraswat A, Budamakuntla L, Sumathy TK, Shah R, Gopal MG, Narayana Rao T, Srinivas CR, Bhat R, Shetty N, Manmohan G, Sai Krishna K, Padmaja D, Pratap DV, Garg V, Gupta S, Pandey N, Khopkar U, Montero E, Ramakrishnan MS, Nair P, Ganapathi PC.*J Am AcadDermatol.* 2014 Sep;71(3):484-92. doi: 10.1016/j.jaad.2014.01.897. Epub 2014 Apr 2.
- Streamlining advertisements: editorial perspective.Khopkar U.*Indian J DermatolVenereolLeprol.* 2014 Mar-Apr;80(2):103. doi: 10.4103/0378-6323.129373.
- Papular granuloma annulare of palms and soles: case report of a rare presentation.Sonthalia S, Arora R, Sarkar R, Khopkar U.*F1000Res.* 2014 Jan 30;3:32. doi: 10.12688/f1000research.3-32.v1. eCollection 2014.
- Side effects of Sorafenib and sunitinib: A new concern for dermatologist and oncologist. Gole P, Madke B, Khopkar U, Kumar P, Noronha V, Yadav M.*Indian Dermatol Online J.* 2014 Jan;5(1):89-91. doi: 10.4103/2229-5178.126049.
- "Diamond necklace" appearance in superficial porokeratosis.Thatte SS, Kharkar VD, Khopkar US.
- An asymptomatic nodule on the finger.Agrawal PG, Mahajan SA, Khopkar US, Kharkar VD.
- Acquired cutis laxa of face with multiple myeloma.Yadav TA, Dongre AM, Khopkar US.



## Endocrinology

- Bukan AP, Dere HB, Jadhav SS, Kasaliwal RR, Budyal SR, Shivane VK, Lila AR, Bandgar TR, Shah NS. The Performance and Reproducibility of Late Night Salivary Cortisol (LNSC) Estimation by EIA (Enzyme Immunoassay) for Screening of Cushings Disease. *Endocr Pract.* 2014 Oct 8:1-28.
- Jadhav SS, Shivane VK, Lila AR, Bandgar TR, Shah NS. Pioglitazone: Hype and hope. *J Postgrad Med.* 2014 Jul-Sep;60(3):293-6.
- Jadhav S, Kasaliwal R, Shetty NS, Kulkarni S, Rathod K, Popat B, Kakade H, Bukan A, Khare S, Budyal S, Jagtap VS, Lila AR, Bandgar T, Shah NS. Radiofrequency ablation, an effective modality of treatment in tumor-induced osteomalacia: a case series of three patients. *J Clin Endocrinol Metab.* 2014 Sep;99(9):3049-54.
- Castinetti F, Qi XP, Walz MK, Maia AL, Sansó G, Peczkowska M, Hasse-Lazar K, Links TP, Dvorakova S, Toledo RA, Mian C, Bugalho MJ, Wohllk N, Kollyukh O, Shah NS et al. Outcomes of adrenal-sparing surgery or total adrenalectomy in pheochromocytoma associated with multiple endocrine neoplasia type 2: an international retrospective population-based study. *Lancet Oncol.* 2014 May;15(6):648-55.
- Kasaliwal R, Malhotra G, Bukan A, Asopa RV, Wanjare S, Shah NS. 18F-FDG PET as a monitoring tool to assess treatment response in bilateral adrenal histoplasmosis. *Clin Nucl Med.* 2014 Jun;39(6):576-8.
- Kasaliwal R, Sarathi V, Pandit R, Budyal SR, Bukan A, Kakade H, Jagtap VS, Lila AR, Bandgar T, Menon PS, Shah NS. Pheochromocytoma and tetralogy of fallot: a rare but potentially dangerous combination. *Endocr Pract.* 2014 May;20(5):e80-5. doi: 10.4158/EP13408.CR.

## Forensic Medicine

- Patil SS, Vasnik RN, Deokar RB, Sukhdeve RB, Tekde P. Foot length and hand length : most reliable arameters to estimate the gestational age. *Medico Legal Update – Jan June 2014 Vol 14, no 1, pages 144-50.*
- Deokar RB, Patil SS. The time since death using physic chemical changes in human dead bodies. *Medico legal update – Jan June 2014; 1: 155-60*
- Deokar RB, Patil SS, Gosavi JS, Mahajan V. Fetal head circumference: a important criteria for gestational age estimation. *Ind Jr Forensic Med and Toxicology July Dec 2014; 8: (2): 68-71*

## Gastroenterology

- Bhatia SJ, Shah C. How to Perform and Interpret Upper Esophageal Sphincter Manometry. *J Neurogastroenterol Motility* 2013; 19: 99-103.
- Ramesh H, Reddy DN, Bhatia S; Rajkumar JS, Bapaye A, Kini D, Kalla M, Thorat V. A 51-week, open-label clinical trial in India to assess the efficacy and safety of pancreatin 40000 enteric-coated minimicrospheres in patients with pancreatic exocrine insufficiency due to chronic pancreatitis. *Pancreatology* 2013;13:133-9.
- Ghoshal UC, Abraham P, Bhatia SJ, Misra SP, Choudhuri G, Biswas K, et al. Comparison of Manning, Rome I, II, and III, and Asian diagnostic criteria: Report of the Multicentric Indian Irritable Bowel Syndrome (MIIBS) study. *Indian Journal of Gastroenterology.* 2013;32:369-75.
- Prabhu R, Kantharia C, Bapat R, Shukla A, Bhatia S, Supe A. Morphological and functional changes in colon after coloplasty for management of corrosive esophageal strictures. *Indian Journal of Gastroenterology.* 2013;1-7.
- Gupte A, Shah C, Koticha A, Shukla A, Kuyare S, Bhatia S. *Gastrodiscoides hominis* infestation of colon: endoscopic appearance. *Gastrointestinal Endoscopy.* 2013;
- Patil PS, Mohandas KM, Bhatia SJ, Mehta SA. Serum ferritin and the risk of hepatocellular carcinoma in chronic liver disease of viral etiology: A case-control study. *Indian J Gastroenterol* 2014;33:12-18.
- Mallaiyappan M, Sawalakhe NR, Sasidharan M, ShahDK, Rathi PM, Bhatia SJ. Retrospective and prospective validation of Model for End-stage Liver Disease (MELD) score in predicting mortality in patients of alcoholic liver disease. *Tropical Gastroenterol* 2014;34:252-258.



- Kahrilas PJ, Bredenoord A, Fox M, Gyawali CP, Roman S, and International High Resolution Manometry Working Group. The Chicago Classification of esophageal motility disorders, v3.0. Neurogastroenterol Motil 2014 (early view).
- Shah C, Mahapatra A, Shukla A, Bhatia SJ. Recurrent acute hepatitis caused by albendazole : Trop Gastroenterol. 2013 Jan-Mar;34(1):38-9
- Prabhu RY, Kantharia CV, Bapat RD, Shukla A, Bhatia SJ, Supe AN. Morphological and Functional Changes in Colon After Coloplasty for Management of Corrosive Oesophageal Strictures Indian J Gastroenterol. 2013 May;32(3):165-71
- Leukemoid Reaction, A Rare Manifestation of Autoimmune Hemolytic Anemia in a Case of Small Duct Primary Sclerosing Cholangitis. Salagre KD, Sahay RN, Patil A, Joshi A, Shukla A. JAPI, 2013 Oct(61); 760-762
- Shukla A, Vadeyar H, Rela M, Shah S. Liver Transplantation: East versus West. Journal of Clinical and Experimental Hepatology, September(3) 2013; 243-253
- Shukla A, Abraham P. Combination Therapy for Chronic Hepatitis B: Is Two Really Better Than One? JAPI, 2013 Nov(61); 783-784

### Hematology

- Preethi S Nair, Shrimati D Shetty, S Chandrakala, Kanjaksha Ghosh. Mutations in intron 1 and intron 22 inversion negative haemophilia a patients from Western India. PLoS ONE 01/2014; 9(5):e97337.
- Khushnooma Italia, Harshada Kangne, Chandrakala Shanmukaiah<sup>2</sup>, Anita H. Nadkarni<sup>1</sup> Kanjaksha Ghosh<sup>1</sup> and Roshan B. Colah. Variable phenotypes of sickle cell disease in India with the Arab-Indian haplotype. British Journal of Haematology Volume 168, Issue 1, pages 156-159, January 2015. • Dolly Joshi, S Chandrakala, Seema Korgaonkar, Kanjaksha Ghosh, Babu Rao Vundinti. Down-regulation of miR-199b associated with imatinib drug resistance in 9q34.1 deleted BCR/ABL positive CML patients. Gene 2014 Jun 27;542(2):109-12.
- Vaidya .S., S Chandrakala, Kanjaksha Ghosh, Babu Rao Vundinti. Evolution of BCR/ABL gene mutation in CML is time dependent and dependent on the pressure exerted by tyrosine kinase inhibitor . PLOS ONE (ACCEPTED).
- Paroxysmal Nocturnal Hemoglobinuria: Comparison of various strategies for an effective diagnostic approach using multi parametric flow cytometry .European journal of Hematology (Submitted)
- Babu Rao Vundinti Genetic variations of hOCT1 gene and CYP3A4/A5 genes and its association with imatinib response in Chronic Myeloid Leukemia (submitted)

### Medicine

- Gupta V, Karnik ND, Agrawal D, Tiwari DK. A case of lung mass: a common association between uncommon diseases. BMJ Case Rep. 2014 Nov 24;2014.
- Karnik ND, Sridharan K, Tiwari D, Gupta V. CYP2C9\*3 polymorphism presenting as lethal subdural hematoma with low-dose warfarin. Indian J Pharmacol. 2014 Sep-Oct;46(5):549-50. doi: 10.4103/0253-7613.140594.
- Patil KG, Salagre SB, Itollikar SM. Left ventricular non-compaction with viral myocarditis: a rare presentation of a rarer disease. J Assoc Physicians India. 2014 Mar;62(3):261-3.
- Muehrcke's lines- a case report, Indian Practitioner, Vol.67,no.8, August 14.
- Pulmonary alveolar proteinosis - an undiagnosed entity, Indian Practitioner, Vol.67,no.9, September 14
- Smrati Baipai. Ebola Virus: Another challenge from the deadly Viral Brigade; JAPI: September :2014: Vol 62,8118-822

### Microbiology

- Shilpa Durgad, Avani Koticha, Gita Nataraj, Aparna Deshpande, Dr.Preeti Mehta. Diabetic foot ulcers

- Where do we stand microbiologically? Int J Diabetes Dev Ctries. Online publication 22nd January, 2014.
- Shweta P. Kamat, Preeti R. Mehta, Supriya M. Paranjpe, Nayana A. Ingole. HBV Infection in liver Disease Patients in Mumbai, India with Special Reference to HBsAg Mutant Detection. Journal of Clinical and Diagnostic Research. 2014 Mar, Vol-8(3): 19-21. DOI: 10.7860/JCDR/2014/7202.4093
- Nayana Ingole, PurvaSarkate, SupriyaParanjpe, Rahul Sarode, Sameer Shinde, Preeti Mehta. HIV Diagnosis in Resource Constrained Setting: How Good Is the Current Algorithm? World Journal of AIDS, 2014, 4, 45-51
- Vaishali Solanke, Mukti Modi, M.G.Karmarkar & Preeti Mehta. Seroprevalence and Role of C- Reactive Protein (CRP) estimation in Chikungunya Positive Cases in Mumbai. American Journal of Medicine and Medical Sciences 2014, 4(1): 8-13.
- Vaishali Solanke, Ujwala Kawane, M.G.Karmarkar PreetiMehta. A relevance of serological tests in diagnosis of early congenital syphilis : A case report. International journal of prevention and treatment. 2014, 3(1). 8-10
- Shreshtha Tiwari, Gita Nataraj, SwapnaKanade and Preeti Mehta Diagnosis of pediatric pulmonary tuberculosis with special reference to polymerase chain reaction based Nucleic Acid Amplification Test. Accepted for publication in International Journal of Mycobacteriology
- Sahu AR, Koticha AH, Kuyare SS, Khopkar US. Isospora induced diarrhea in a pemphigus vulgaris patient. Indian J Dermatol Venereol Leprol. 2014 Jul-Aug;80(4):342-3
- unil Kuyare, Avani Koticha, Preeti Mehta. Prevalence of intestinal parasitic infections in adult patients attending a tertiary care hospital. BHJ, Vol 56, No.1, 2014 38-42
- Rupali Suryavanshi, Shashir Wanjare, Dr. Avani Koticha, Dr. Preeti Mehta. Prevalence, species distribution and risk factors associated with fungal keratitis : An experience at a tertiary care hospital BHJ, Vol 56, No. 3, 2014 370-374
- Archana Garg, Avani Koticha, Dr. Sunil Kuyare, Dr. Preeti Mehta. Prevalence of intestinal parasitic infections in school going children. BHJ, Vol 56, No. 4, 2014. 507-512.
- M.G.Karmarkar Antibodies to group A streptococcal virulence factors, SIC and DRS, increase predilection to GAS pyoderma (submitted to BMC Microbiology in September 2014).
- Vaishali Solanke, Mukti Modi, M.G.Karmarkar & Mehta P. Are we neglecting Chikungunya in Mumbai, Bombay Hospital journal, Vol.56, No. 1, 2014, 24-28.

### Neonatology

- Ahir S, Mania-Pramanik J, Chavan V, Kerkar S, Samant-Mavani P, Nanavati R, Mehta P. Genetic variation in the promoter region of pro-inflammatory cytokine TNF- in perinatal HIV transmission from Mumbai, India. Cytokine. 2014 Dec 23;72(1):25-30.
- Jasani BB, Nanavati R, Kabra N. Unusual neonatal presentation of type I leukocyte adhesion deficiency. J Clin Neonatol. 2014 Apr;3(2):109-11.

### Nephrology

- Keskar V, Jamale T, Karegar M, Parikh H, Jawale S, Mahajan D, Hase N. " Late onset Cytomegalovirus Gastritis In low risk Renal Allograft Recipient. Exp. Clinical Transplant Journal, 2014 June 25.
- Keskar V S, Wanjare S, Jamale T, Mahajan D, Jawale S, Fernandes G, Suryavanshi R, Hase N. Subcutaneous Phallophomycosis caused by Fusarium in Kidney Transplant Recipient. Renal Failure 2014, Aug : 36 (7) ; 11292-1132.
- Keskar V, Jamale T, Hase N, K Haemolytic Uremic Syndrome associated with Plasmodium Vivax Malaria Successfully treated with Plasma exchange Indian Journal of Nephrology, 2014, Jan 24(1): 5-7.
- Kulkarni M, Hase N, Jamale T, Rajekar A, Pradeep, Keskar VA Case of Granulomatous Hepatitis due to Tuberculosis in Renal Allograft Recipients Gsp.Hep.Rep 2015;4;32-3

## Neurosurgery

- Satoskar SR, Goel AA, Mehta PH, Goel A. Quantitative morphometric analysis of the lumbar vertebral facets and evaluation of feasibility of lumbar spinal nerve root and spinal canal decompression using the Goel intraarticular facet spacer distraction technique: A lumbar/cervical facet comparison. *J Craniovertebr Junction Spine*. 2014 Oct;5(4):157-62.
- Kothari M, Goel A. The music of movement - in health - n - disease. *J Craniovertebr Junction Spine*. 2014 Oct;5(4):143-5.
- Goel A. Not neural deformation or compression but instability is the cause of symptoms in degenerative spinal disease. *J Craniovertebr Junction Spine*. 2014 Oct;5(4):141-2
- Goel A. Is atlantoaxial instability the cause of Chiari malformation? Outcome analysis of 65 patients treated by atlantoaxial fixation. *J Neurosurg Spine*. 2014 Nov 21:1-12.
- Goel A. Is Chiari malformation nature's protective "air-bag"? Is its presence diagnostic of atlantoaxial instability? *J Craniovertebr Junction Spine*. 2014 Jul;5(3):107-9.
- Rojas-Medina LM, Goel A. Brainstem hemorrhage secondary to evacuation of chronic subdural hematoma. *Neurol India*. 2014 Jul-Aug;62(4):435-7.
- Goel A, Goel AA, Satoskar SR, Mehta PH. Double insurance transfacet screws for lumbar spinal stabilization. *J Craniovertebr Junction Spine*. 2014 Apr;5(2):85-7.
- Goel A. Facetal alignment: Basis of an alternative Goel's classification of basilar invagination. *J Craniovertebr Junction Spine*. 2014 Apr;5(2):59-64
- Mishra T, Goel NA, Goel AH. Primary paraganglioma of the spine: A clinicopathological study of eight cases. *J Craniovertebr Junction Spine*. 2014 Jan;5(1):20-4.
- Goel A. Only fixation for lumbar canal stenosis: Report of an experience with seven cases. *J Craniovertebr Junction Spine*. 2014 Jan;5(1):15-9.
- Goel A. Goel's classification of atlantoaxial "facet" dislocation. *J Craniovertebr Junction Spine*. 2014 Jan;5(1):3-8.
- Kothari M, Goel A. Wound healing: The presiding deity of surgery. *J Craniovertebr Junction Spine*. 2014 Jan;5(1):1-2.
- Chowdhury FH, Haque MR, Kawsar KA, Sarker MH, Hasan M, Goel AH. Intracranial nonvestibular neurinomas: Young neurosurgeons' experience. *J Neurosci Rural Pract*. 2014 Jul;5(3):231-43.
- Kothari M, Goel A, Shah A. Fluidity of the body. *Asian J Neurosurg*. 2014 Jan;9(1):1-2.
- Ramdasi RV, Nadkarni TD, Goel AH. Congenital meningocele presenting in an adult. *J Craniovertebr Junction Spine*. 2014 Jul;5(3):134-6
- Ramdasi RV, Nadkarni TD, Goel NA. Hemangiopericytoma of the cervical spine. *J Craniovertebr Junction Spine*. 2014 Apr;5(2):95-8
- Mavani SB, Nadkarni TD. Tethered cord due to caudal lipomenigocele associated with a lumbar dural arteriovenous fistula. *J Neurosurg Spine*. 2014 Sep;21(3):489-93

## Obstetrics and Gynecology

- Procedures in Gynecology and Obstetrics: eBook
- Operation Theatre technique: eBook
- Mirchandani A, Parulekar SV. Ovarian Failure with Uterine Artery Embolization. *JPGO 2014 Volume 1 Number 1* Available from: <http://jpgyob.blogspot.in/2014/01/ovarian-failure-with-uterine-artery.html>
- Sharma G, Samant PY, Parulekar SV. Hystero-graphic Assessment of Repair of Uterine Chronic Rupture. *JPGO 2014 Volume 1 Number 1* Available from: <http://jpgyob.blogspot.in/2014/01/hystero-graphic-assessment-of-repair-of.html>
- Mahajan J, Samant PY, Parulekar SV. Ectopia vesicae and intrauterine pregnancy. *JPGO 2014 Volume 1 Number 1* Available from: <http://jpgyob.blogspot.in/2014/01/ectopia-vesicae-and-intrauterine.html>

- Gupta P, Parulekar SV. Free-Floating Intraperitoneal Mass. JPGO 2014 Volume 1 Number 1 Available from: <http://jpgyob.blogspot.in/2014/01/free-floating-intraperitoneal-mass.html>
- Kumari M, Gupta AS. Intramyometrial pregnancy. JPGO 2014 Volume 1 Number 1 Available from: <http://jpgyob.blogspot.in/2014/01/intramyometrial-pregnancy.html>
- Parulekar SV. Difficult Vaginal Hysterectomy: A New Approach. JPGO 2014 Volume 1 Number 1 Available from: <http://jpgyob.blogspot.in/2014/01/difficult-vaginal-hysterectomy-new.html>
- Ansari MF, Parulekar SV. Hemoperitoneum In Coagulopathy: Conservative Treatment JPGO 2014 Volume 1 Number 2 Available from: <http://www.jpgo.org/2014/02/hemoperitoneum-in-coagulopathy.html>
- Parulekar SV. Myomectomy: lateral extraperitoneal Approach. JPGO 2014 Volume 1 Number 2 Available from: <http://www.jpgo.org/2014/02/myomectomy-lateral-extraperitoneal.html>
- Valvi D, Parulekar SV. Leiomyoma in a Bicornuate Uterus. JPGO Volume 1 Issue 3, March 2014, available at: <http://www.jpgo.org/2014/03/leiomyoma-in-bicornuate-uterus.html>
- Parulekar SV. Broad Ligament Lipoma. JPGO Volume 1 Issue 3, March 2014, available at: <http://www.jpgo.org/2014/03/broad-ligament-lipoma.html>
- Parulekar SV. Excision of Hemihematometra. JPGO 2014 Volume 1 Number 3 Available from: <http://www.jpgo.org/2014/03/excision-of-hemihematometra.html>
- Parulekar SV. Polyembolokoilamania in Gynecology. JPGO Volume 1 Issue 3, March 2014, available at: <http://www.jpgo.org/2014/04/polyembolokoilamania-in-gynecology.html>
- Patil A, Parulekar SV, Samant PY. Late Onset HELLP-Eclampsia-PRES. JPGO Volume 1 Issue 4, April 2014, available at: <http://www.jpgo.org/2014/04/late-onset-hellp-eclampsia-pres.html>
- Valvi D, Karnik ND, Samant PY, Parulekar SV. Snake Bite During Pregnancy. JPGO 2014 Volume 1 Number 5 Available from: <http://www.jpgo.org/2014/05/snake-bite-during-pregnancy.html>
- Parulekar SV. Determination of Viability of Ovary in Torsion of Ovarian Cyst. JPGO 2014 Volume 1 Number 5 Available from: <http://www.jpgo.org/2014/05/determination-of-viability-of-ovary-in.html>
- Prakash S, Parulekar SV, Sathe P. An Unusual Case of Endometrial Polyp. JPGO 2014 Volume 1 Number 6 Available from: <http://www.jpgo.org/2014/06/an-unusual-case-of-endometrial-polyp.html>
- Kulkarni S, Parulekar SV, Sathe P. Endometrial Stromal Tumor-A Case Report. JPGO 2014 Volume 1 Number 6 Available from: <http://www.jpgo.org/2014/06/endometrial-stromal-tumor.html>
- Patil A, Samant PY, Parulekar SV, Kothari K. Retopubic Haematoma After Transobturator Sling Surgery. JPGO 2014 Volume 1 Number 6 Available from: <http://www.jpgo.org/2014/06/retopubic-haematoma-after.html>
- Parulekar SV. A New Symptom Of Uterine Leiomyoma. JPGO 2014 Volume 1 Number 6. Available from: <http://www.jpgo.org/2014/06/a-new-symptom-of-uterine-leiomyoma.html>
- Niphadkar M, Parulekar SV, Mirchandani A. Abdomino-Uterine Adhesion. JPGO 2014 Volume 1 Number 7 Available from: <http://www.jpgo.org/2014/07/abdomino-uterine-adhesion.html>
- Patil A, Parulekar SV, Samant PY, Fernandes G. Angiomyofibroblastoma of the Vulva. JPGO 2014 Volume 1 Number 7 Available from: <http://www.jpgo.org/2014/07/angiomyofibroblastoma-of-vulva.html>
- Fernandes G, Patil A, Samant PY, Parulekar SV Endometrial Osseous Metaplasia. JPGO 2014 Volume 1 Number 8. Available from: <http://www.jpgo.org/2014/08/endometrial-osseous-metaplasia.html>
- Valvi D, Rashmi Prasad R, Parulekar SV, Samant PY. Post hysterectomy vault calcification – Therapeutic dilemma. JPGO 2014 Volume 1 Number 8 Available from: <http://www.jpgo.org/2014/08/post-hysterectomy-vault-calcification.html>
- Parulekar SV. Genesis of True Broad Ligament Leiomyoma. JPGO 2014 Volume 1 Number 8. Available from: <http://www.jpgo.org/2014/08/genesis-of-true-broad-ligament-leiomyoma.html>
- Samant PY, Parulekar SV. Multiple Cesarean Section Scar Dehiscences. JPGO 2014 Volume 1 Number 9 Available from: <http://www.jpgo.org/2014/09/multiple-cesarean-section-scar.html>
- Fernandes G, Parulekar SV. Paraganglioma of Bladder in Pregnancy. JPGO 2014. Volume 1 Number 10.



- Available from: <http://www.jpgo.org/2014/10/paraganglioma-of-bladder-in-pregnancy.html>
- Mirchandani A, Parulekar SV, Dalvi P. Hemoperitoneum from Ruptured Leiomyoma. JPGO 2014 Volume 1 Number 10. Available from: <http://www.jpgo.org/2014/10/hemoperitoneum-from-ruptured-leiomyoma.html>
  - Patil A, Parulekar SV, Fernandes G. Posthysterectomy Fimbrial Prolapse. JPGO 2014 Volume 1 Number 10. Available from: <http://www.jpgo.org/2014/10/posthysterectomy-fimbrial-prolapse.html>
  - Parulekar SV. Fimbrial Prolapse: Diagnostic Clinical Test. JPGO 2014 Volume 1 Number 10. Available from: <http://www.jpgo.org/2014/10/fimbrial-prolapse-diagnostic-clinical.html>
  - Bakre T, Gupta AS, Hira P, Parulekar SV. Chronic Non Pueperal Inversion Of Uterus Secondary To Submucosal Fundal Myoma. JPGO 2014. Volume 1 Number 10. Available from: <http://www.jpgo.org/2014/10/chronic-non-pueperal-inversion-of.html>
  - Fernandes G, Parulekar SV. Endometrial Microscopic Foreign Body. JPGO 2014. Volume 1 Number 11. Available from: <http://www.jpgo.org/2014/11/endometrial-microscopic-foreign-body.html>
  - Parulekar SV. Myomectomy - Modified Bonney's Hood Operation. JPGO 2014 Volume 1 Number 11. Available from: <http://www.jpgo.org/2014/11/myomectomy-modified-bonneys-hood.html>
  - Kulkarni S, Parulekar SV, Hira P. Post Criminal Abortion Retroperitoneal Abscess. JPGO 2014 Volume 1 Number 11. Available from: <http://www.jpgo.org/2014/11/post-criminal-abortion-retroperitoneal.html>
  - Prakash S, Parulekar SV, Hira P. Unicornuate Uterus, Hemivagina, Imperforate Hymen, Hematocolpos Syndrome. JPGO 2014 Volume 1 Number 11. Available from: <http://www.jpgo.org/2014/11/unicornuate-uterus-hemivagina.html>
  - Manjrekar VM, Parulekar SV. Vesicophobia During Vaginal Hysterectomy - Too Deep Dissection. JPGO 2014. Vol 1 No. 12: Available from: [http://www.jpgo.org/2014/12/vesicophobia-during-vaginal\\_30.html](http://www.jpgo.org/2014/12/vesicophobia-during-vaginal_30.html)
  - Raut DP, Parulekar SV. Vesicophobia During Vaginal Hysterectomy - Too Superficial Dissection. JPGO 2014 Volume 1 Number 12 Available from: [http://www.jpgo.org/2014/12/vesicophobia-during-vaginal\\_1.html](http://www.jpgo.org/2014/12/vesicophobia-during-vaginal_1.html)
  - Parulekar SV. Vesicophobia During Vaginal Hysterectomy - Too Lateral Dissection. JPGO 2014. Volume 1 Number 12. Available from: <http://www.jpgo.org/2014/12/vesicophobia-during-vaginal.html>
  - Ansari Munira, Samant PY, Parulekar SV. Uterine Artery Psuedoaneurysm. JPGO 2014 Volume 1 Number 12 Available from: <http://www.jpgo.org/2014/12/uterine-artery-psuedoaneurysm.html>
  - Chawla T, Fernandes G, Parulekar SV. Peritoneal Inclusion Cysts. JPGO 2014. Volume 1 Number 12. Available from: <http://www.jpgo.org/2014/12/peritoneal-inclusion-cysts.html>
  - Chapter on "General Care Principles in Surgery" Dr P.K.Shah, Dr Shailesh Kore, Dr Aparna Hegde in Second Edition of Operative Obstetrics & Gynaecology Editors Dr Narendra Malhotra, Dr Randhir Puri, Dr Jaydeep Malhotra Published by Jaypee Brothers Medical Publishers (P) Ltd, Delhi 2014, 14-23
  - 2)Chapter on Ultrasonography in Gynaecology Dr P.K.Shah, Dr Narendra Malhotra, Dr Sakshi Tomar, Dr Jaydeep Malhotra in Fourth Edition of Principles & Practice of Obstetrics & Gynaecology for post graduate Published by Jaypee Brothers Medical Publishers (P) Ltd, Delhi 2014, 815-840
  - Five Chapters on
  - First Trimester Biochemical Screening Dr P.K.Shah, Dr Neelima Mantri
  - Transvaginal Sonography in Cervical incompetence Dr P.K.Shah, Dr Neelima Mantri
  - Doppler Evaluation in Foetal Hypoxia Dr P.K.Shah, Dr Neelima Mantri
  - Prenatal Diagnostic Techniques Dr Prashant Acharya, Dr S.Suresh, Dr Deepika Deka, Dr P.K.Shah, Dr Ashok Khurare, etc
  - Ectopic Pregnancy-No longer an Enigma Dr Narendra Malhotra, Dr Jaideep Malhotra, Dr P.K.Shah.
  - In Fourth Edition of "Ultrasound in Obstetrics & Gynaecology " by Editors Dr Narendra Malhotra, Dr P.K.Shah, Dr Pratap Kumar, Dr Prashant Acharya, Dr Sonal Panchal, Dr Jaydeep Malhotra Published by Jaypee Brothers Medical Publishers (P) Ltd, Delhi 2014, 73-80, 200-208, 242-252, 376-385, 610-612

- Chapter on "Anaemia in Pregnancy" in Book titled Complicated Cases in High Risk Pregnancy & Labour Edited by Dr Geetha Balsarkar Published by Kontentworx Communication Pvt.Ltd: New Delhi 2014, 33-49.
- 'Mullerian anomaly with ovary at deep inguinal ring' Narang HK, Warke HS, Mayadeo NM Journal of Obstetrics and Gynaecology (The Journal of the Institute of Obstetrics and Gynaecology) 2013 33(3), Pages 317-8.
- 'Pregnancy in a Renal Transplant Recipient ' Chakre S, Mayadeo NM, Pardeshi S, Mali K Journal of Postgraduate Gynaecology and Obstetrics, 2014 Nov, Volume 1, Issue 11
- 'Antiphospholipid Antibody Syndrome' Chkare S, Pardeshi S, Mayadeo NM, Shah S Journal of Postgraduate Gynaecology and Obstetrics, 2014 Sept, Volume 1, Issue 9
- 'Trends in Cesarean Delivery - Rate and Indications', Mittal S, Pardeshi S, Mayadeo N, Mane J The Journal of Obstetrics and Gynaecology of India, 2014 August, 64(4), Pages 251-254
- 'Ichthyosis Uteri' Chakre S, Pardeshi S, Mayadeo NM, Shah S, Journal of Postgraduate Gynaecology and Obstetrics, 2014 August, Volume 1, Issue 9
- 'Postmenopausal Bleeding' Chakre S, Mayadeo NM, Pardeshi S Journal of Postgraduate Gynaecology and Obstetrics, 2014 July, Volume 1, Issue 7
- 'Conservative Management of Placenta Accreta' Chakre S, Warke H, Mayadeo NM, Pardeshi S Journal of Postgraduate Gynaecology and Obstetrics, May 2014, Volume 1, Issue 5
- 'Mitral Valve Replacement During Pregnancy' Pardeshi S, Mayadeo NM, Warke HS Journal of Postgraduate Gynaecology and Obstetrics, 2014 April, volume 1, Issue 4
- 'Pregnancy in case of Constrictive pericarditis' Charke S, Pardeshi S, Warke H, Mayadeo NM Journal of Postgraduate Gynaecology Obstetrics, 2014 February, Volume 1, Issue 2
- Saraogi MR, Gupta A. Comparative study of visual inspection of the cervix by 3% acetic acid (VIA) versus Pap smear by Bethesda method in sexually active women aged 25-50 years as an equally or more effective cervical cancer screening method in a low resource setup. Int J Reprod Contracept Obstet Gynecol. (2014), [cited October 21, 2014]; 3(3): 688-691. doi:10.5455/2320-1770.ijrcog20140964
- Jamdade K, Gupta AS. Simultaneous Scar and Tubal Twin Ectopic Gestation. JPGO 2014 Volume 1 Number 2
- Pandey N, Gupta AS. Conservative Management of Corpus Luteum Hematoma and Hemoperitoneum Due to Warfarin Toxicity: An Alternative Treatment Modality. JPGO Volume 1 Issue 2, February 2014,
- Dhakne P, Gupta AS. Genital Myiasis. JPGO 2014 Volume 1 Number 1 Available from: <http://jpgyob.blogspot.in/2014/01/genital-myiasis.html>
- Kumari M, Gupta AS. Intramyometrial pregnancy. JPGO 2014 Volume 1 Number 1 5. Bakre T, Gupta AS, Hira P, Parulekar SV. Chronic Non Puerperal Inversion Of Uterus Secondary To Submucosal Fundal Myoma. JPGO 2014. Volume 1 Number 10.
- Yadav P, Warke HS, Gupta AS. Obstructed labour due to a Giant fecolith. JPGO Volume 1 Issue 3, March 2014,
- Rathi N\*, Gupta AS. Term Uterus in Complicated Ventral Hernia. JPGO Volume 1 Issue 3, March 2014,
- Qureshi S, Gupta AS. Recurrent Uterine rupture. JPGO Volume 1 Issue 3, March 2014,
- Pandey N, Jamdade K, Gupta AS. Thyroid Storm in a Case of Complete Vesicular Mole. JPGO Volume 1 Issue 4, April 2014,
- Dwivedi JS, Gupta AS. Syringe Suction Vacuum Drain: A Cheap Alternative. JPGO Volume 1 Issue 4, April 2014,
- Gupta AS. An Unusual Case of Hyperemesis Gravidarum. JPGO 2014 Volume 1 Number 5
- Ankur H, Gupta AS. Vitiligo In Pregnancy. JPGO Volume 1 Issue 4, April 2014,
- Patel A, Kshitij J, Gupta AS. Recurrent Acute Renal Failure Due To Recurrent Pyelonephritis in Repeated Pregnancies. JPGO 2014 Volume 1 Number 6
- Pandey I, Qureshi S, Gupta AS. Herpes Simplex Virus Infection in Pregnancy. JPGO 2014 Volume 1

- Number 6 Available from: <http://www.jpgo.org/2014/06/herpes-simplex-virus-infection-in.html>
- Bakre T, Gupta AS. Torsion of huge benign serous cystadenoma. JPGO 2014 Volume 1 Number 7
  - Patel A, Qureshi S, Gupta AS. Periaortal Abdominal Tuberculosis. JPGO 2014 Volume 1 Number 7
  - Bakre T, Gupta AS. Fetal Nasal Agenesis. JPGO 2014 Volume 1 Number 8.
  - Chaudhari J, Kothari K, Gupta AS, Dwivedi J. Cervical Lipoleiomyoma. JPGO 2014 Volume 1 Number 9
  - Pandey N, Gupta AS. Chronic Ectopic Pregnancy Masquerading as a Pyosalpinx. JPGO Volume 1 Issue 11.
  - Thakur HS, Gupta AS. Expectant Management of Live Co-Twin at Mid Gestation. JPGO 2014. Volume 1 Number 11.
  - Pandey N, Gupta AS, Mirchandani A, Chauhan AR. Hazardous outcome of a wrong incision in Shirodkar's sling surgery. Jpgo, 2014: 11
  - Jambdade K. Is there a need for LH estimation in patients undergoing ovarian stimulation with GnRH antagonist and recombinant FSH. J Clin. Diagnosis and Research (JCDR)-Jan 2014 8(1), 90-92
  - Jambdade K. BPD growth rate between first and second trimester as a predictor of poor obstetric and neonatal outcome among the Indian population. International Journal of Clinical Trials (IJCT). May 2014 1(1).
  - Chauhan AR, Panchbudhe S. "Prosthetic Heart Valves in Pregnancy" in: "Complicated Cases in High Risk Pregnancy and Labor" pp 238 - 244 Ed: Geetha Balsarkar. Pub: Kontentworx, New Delhi, 2014.
  - Chauhan AR, Panchbudhe S. "Eisenmenger Syndrome" in: "Complicated Cases in High Risk Pregnancy and Labor" pp 245 - 249 Ed: Geetha Balsarkar. Pub: Kontentworx, New Delhi, 2014.
  - Chauhan AR, Panchbudhe S. "Peripartum Cardiomyopathy" in: "Complicated Cases in High Risk Pregnancy and Labor" pp 250 - 255 Ed: Geetha Balsarkar. Pub: Kontentworx, New Delhi, 2014.
  - Chauhan AR, Panchbudhe S. "Rheumatic Heart Disease with Mitral Stenosis" in: "Complicated Cases in High Risk Pregnancy and Labor" pp 256 - 263 Ed: Geetha Balsarkar. Pub: Kontentworx, New Delhi, 2014.
  - Khadkikar R, Panchbudhe S, Channawar S, Chauhan AR. Forgotten Vaginal Ring Pessary JPGO 2014 Volume 1 Number 1 available from: <http://jpygob.blogspot.in/2014/01/forgotten-vaginal-ring-pessary.html>
  - Khadkikar R, Wakchaure G, Prasad M, Chauhan AR. Cesarean Scar Ectopic Pregnancy. JPGO Volume 1 Issue 2, February 2014, available at: <http://www.jpgo.org/2014/02/cesarean-scar-ectopic-pregnancy.html>
  - Channawar S, Chamariya S, Chauhan AR, Mayadeo NM. Robert's Uterus. JPGO Volume 1 Issue 2, February 2014, available at: <http://www.jpgo.org/2014/02/roberts-uterus.html>
  - Seema Parte, Deepa Bhartiya, Hiren Patel, Vinita Daithankar, Anahita Chauhan, Kusum Zaveri and Indira Hinduja. Dynamics associated with spontaneous differentiation of ovarian stem cells in vitro. Journal of Ovarian Research 2014, 7:25 doi:10.1186/1757-2215-7-25 Published: 25 February 2014
  - Pawde A, Patil D, Khadkikar R, Chauhan AR. Puberty Menorrhagia Due To Combined Factor V and VIII Deficiency. JPGO 2014 Volume 1 Number 4 Available from: <http://www.jpgo.org/2014/04/puberty-menorrhagia-due-to-combined.html>
  - Khadkikar R, Prasad M, Jain N, Chauhan AR. Congenital Heart Block Due To Maternal Autoantibodies. JPGO 2014 Volume 1 Number 5 Available from: <http://www.jpgo.org/2014/05/congenital-heart-block-due-to-maternal.html>
  - Channawar S, Madhva Prasad S, Jain N, Chauhan AR. Successful Management of Diabetic Ketoacidosis in Pregnancy. JPGO 2014 Volume 1 Number 5 Available from: <http://www.jpgo.org/2014/05/successful-management-of-diabetic.html>
  - Pawde A, Saxena N, Channawar S, Chauhan AR. Innovative Surgical Technique for Uterine Conservation in Giant Cervical Fibroid. JPGO 2014 Volume 1 Number 5 Available from: <http://www.jpgo.org/2014/05/innovative-surgical-technique-for.html>
  - Suchitra N. Pandit, Anahita R. Chauhan, Manjula Anagani, Sanjeeva Reddy, Ashish Birla, Subrat K. Ray. Multicenter Study of Contraceptive Vaginal Ring (NuvaRing®) in Normal Daily Practice in Indian Women. The Journal of Obstetrics and Gynecology of India. May 2014

- Khadkikar R, Pawde A, Saxena N, Chauhan AR. Successful Management of Ovarian Hyperstimulation Syndrome. JPGO 2014 Volume 1 Number 7 Available from: <http://www.jpgo.org/2014/07/successful-management-of-ovarian.html>
- Saxena N, Chauhan AR. Spontaneous Hemoperitoneum Secondary to Warfarin Toxicity. JPGO 2014 Volume 1 Number 7 Available from: <http://www.jpgo.org/2014/07/spontaneous-hemoperitoneum-secondary-to.html>
- Dudhe M, Saxena N, Khadkikar R, Qureshi S, Chauhan AR. Near - Miss Mortality In Pregnancy With Coarctation Of Aorta. JPGO 2014 Volume 1 Number 8. Available from: <http://www.jpgo.org/2014/08/near-miss-mortality-in-pregnancy-with.html>
- Channawar S, Patil D, Pawde A, Chauhan AR. Postmenopausal Ovarian Stromal Hyperplasia. JPGO 2014 Volume 1 Issue 9. Available from : <http://www.jpgo.org/2014/09/postmenopausal-ovarian-stromal.html>
- Prasad M, Chamariya S, Khadkikar K, Chauhan AR. Successful Pregnancy Outcome in Severely Immunocompromised Patient. JPGO 2014. Volume 1 Number 10. Available from: <http://www.jpgo.org/2014/10/successful-pregnancy-outcome-in.html>
- Chaudhari J, Patil D, Shende A, Chauhan AR. Endometrial Stromal Nodule. JPGO Volume 1 Issue 11. Available from: <http://www.jpgo.org/2014/11/endometrial-stromal-nodule.html>
- Saxena N, Channawar S, Khadkikar R, Chauhan AR. OHVIRA syndrome. JPGO 2014. Volume 1 Issue 12. Available from: [http://www.jpgo.org/2014/12/ohvira-syndrome\\_1.html](http://www.jpgo.org/2014/12/ohvira-syndrome_1.html)
- Pandey N, Gupta AS, Mirchandani A, Chauhan AR. Hazardous Outcome of a Wrong Incision in Shirodkar's Sling Surgery. JPGO 2014. Volume 1 Number 12. Available from: <http://www.jpgo.org/2014/12/hazardous-outcome-of-wrong-incision-in.html>
- Pawde A, Khadkikar R, Mayadeo NM, Chauhan AR. Adenomyosis In Non-Communicating Uterine Horn. JPGO 2014. Vol 1 No. 12. Available from: <http://www.jpgo.org/2014/12/adenomyosis-in-non-communicating.html>
- Conservative Management of Placenta Accreta' Chakre S, Warke H, Mayadeo NM, Pardeshi S Journal of Postgraduate Gynaecology and Obstetrics, May 2014, Volume 1, Issue 5
- 'Mitral Valve Replacement During Pregnancy' Pardeshi S, Mayadeo NM, Warke HS Journal of Postgraduate Gynaecology and Obstetrics, 2014 April, volume 1, Issue 4
- 'Pregnancy in case of Constrictive pericarditis' Charke S, Pardeshi S, Warke H, Mayadeo NM Journal of Postgraduate Gynaecology Obstetrics, 2014 February, Volume 1, Issue 2

### Occupational Therapy

- Nandgaonkar Hemant (2014). How can you become a Hand Therapist in India?, ZeitschriftfürHandtherapie, 1, page 56. (German Language)
- Nandgaonkar Hemant, P. (2014). The Experience of Being a Hand Therapist in India. Journal of Academia and Industrial Research (JAIR), 2(9), 513.
- Nandgaonkar Hemant, P. (2014). Development of Testing Eligibility for Evaluation and Therapy of the Hand (TEETH). Journal of Academia and Industrial Research (JAIR), 2(10), 548.
- Nandgaonkar Hemant, P. (2014). Should we cut Fingernails?-Importance of Fingernails in Hand Skills. Journal of Academia and Industrial Research (JAIR), 2(11), 646.

### Orthopedics

- Bhatia DN. Arthroscopic Latarjet and Capsular Shift (ALCS) Procedure: A New "Freehand" Technique for Anterior Shoulder Instability Associated With Significant Bone Defects. Tech Hand Up Extrem Surg. 2014 Nov 12. [Epub ahead of print] PubMed PMID: 25393057.
- Page RS, Bhatia DN. Noncomminuted lateral end clavicle fractures associated with coracoclavicular ligament disruption: Technical considerations for optimal anatomic fixation and stability. Int J Shoulder Surg. 2014 Jul;8(3):86-9.



## Pathology

- Nath D1, Vaideeswar P, Chaudhary J, Vaz W "Samosa" pneumoconiosis: a case of pulmonary talcosis uncovered during a medicolegal autopsy. *Am J Forensic Med Pathol.* 2014 Mar;35(1):11-4
- Chaudhari JP, Borges A, Bansal S, Mahajan P. AML M7 misdiagnosed as ALL. Accepted in *Indian journal of hematology and blood transfusion* 2014
- Chaudhari J, Patil D, Shende A, Chauhan AR. Endometrial Stromal Nodule. *JPGO* Volume 1 Issue 11.
- Chaudhari J, Kothari K, Gupta AS, Dwivedi J. Cervical Lipoleiomyoma. *JPGO* 2014 Volume 1 Number 9
- Amyloid Goiter: Cytomorphological Features and Differential Diagnosis on FNAC. Ojha SS, Naik LP, Kothari KS, Fernandes GC, Agnihotri MA .*Analytical and Quantitative Cytopathology and Histopathology.*2014;36(4):241-244
- Diagnosis of Histoplasmosis on Lymph Node FNAC Utilising Giemsa Stain- A report of three cases. Agnihotri M, Naik L, Fernandes G, Kothari K, Ojha S .*Analytical and Quantitative Cytopathology and Histopathology.*2014:Volume 36 (In print)
- Splendore-Hoeppli phenomenon on FNAC of subcutaneous inflammatory lesions . Naik L, Agnihotri M, Sandhya Ware , Kothari K, Fernandes G. *AQCH.*2014 (ACCEPTED)
- Vaideeswar P, Chaudhari C, Rane S, Gondhalekar J, Dandekar S. Cardiac pathology in chronic alcoholics: A preliminary study. *J Postgrad Med* 2014; 60: 372 - 376.
- Yadav S, Kannan S, Vaideeswar P, Gogtay N, Thatte U. Methotrexate-induced pneumonitis and myocarditis. *Indian J Pathol Microbiol* 2014; 57: 152 - 153.
- Congenital cerebellar embryonal tumor with multilayered rosettes: Report of a rare case. Ravindra N, Goel NA, Kothari KS, Mavani S. *Indian J Pathol Microbiol.* 2014 Oct-Dec;57(4):655-6. doi: 10.4103/0377-4929.142722. No abstract available.
- Hemangiopericytoma of the cervical spine. Ramdasi RV, Nadkarni TD, Goel NA. *J Craniovertebr Junction Spine.* 2014 Apr;5(2):95-8. doi: 10.4103/0974-8237.139209.
- Clear cell myoepithelial carcinoma ex pleomorphic adenoma. Rabade NR, Goel NA. *Indian J Pathol Microbiol.* 2014 Jul-Sep;57(3):456-9. doi: 10.4103/0377-4929.138768.
- Primary paraganglioma of the spine: A clinicopathological study of eight cases. Mishra T, Goel NA, Goel AH. *J Craniovertebr Junction Spine.* 2014 Jan;5(1):20-4. doi: 10.4103/0974-8237.135211.
- Traumatic enlargement of an intradiploic cavernous hemangioma. Mahore A, Ramdasi R, Pauranik A, Goel N. *J Pediatr Neurosci.* 2014 Jan;9(1):90-1. doi: 10.4103/1817-1745.131502. No abstract available.
- Intramedullary conus metastasis from carcinoma lung. Mavani SB, Nadkarni TD, Goel NA.
- Marathe SP, Vaideeswar P, Parikh R, Mishra P, Aironi B, Agrawal NB, Karunamurthy A. Noncompaction cardiomyopathy: Manifestation as a surgical pitfall- rare but real. *Asian Cardiovasc Thorac Ann* 2014 (Accepted)
- Naphade PS, Raut AA, Hira P, Vaideeswar P, Vadeyar H. Leiomyosarcoma of the inferior vena cava. *Arch Iran Med.* 2014; 17: 383 - 387.
- Nath D, Vaideeswar P, Chaudhary J, Vaz W. "Samosa" pneumoconiosis: a case of pulmonary talcosis uncovered during a medicolegal autopsy. *Am J Forensic Med Pathol.* 2014; 35: 11 - 14.
- Congenital cerebellar embryonal tumor with multilayered rosettes: Report of a rare case. Ravindra N, Goel NA, Kothari KS, Mavani S. *Indian J Pathol Microbiol.* 2014 Oct-Dec;57(4):655-6. doi: 10.4103/0377-4929.142722. No abstract available.
- Hemangiopericytoma of the cervical spine. Ramdasi RV, Nadkarni TD, Goel NA. *J Craniovertebr Junction Spine.* 2014 Apr;5(2):95-8. doi: 10.4103/0974-8237.139209.
- Clear cell myoepithelial carcinoma ex pleomorphic adenoma. Rabade NR, Goel NA. *Indian J Pathol Microbiol.* 2014 Jul-Sep;57(3):456-9. doi: 10.4103/0377-4929.138768.
- Primary paraganglioma of the spine: A clinicopathological study of eight cases. Mishra T, Goel NA, Goel

- AH, J Craniovertebr Junction Spine. 2014 Jan;5(1):20-4. doi: 10.4103/0974-8237.135211.
- Traumatic enlargement of an intradiploic cavernous hemangioma. Mahore A, Ramdasi R, Pauranik A, Goel N. *J Pediatr Neurosci*. 2014 Jan;9(1):90-1. doi: 10.4103/1817-1745.131502. No abstract available.
  - Intramedullary conus metastasis from carcinoma lung. Mavani SB, Nadkarni TD, Goel NA.
  - Diagnosis of Histoplasmosis on Lymph Node FNAC Utilising Giemsa Stain- A report of three cases. Agnihotri M, Naik L, Fernandes G, Kothari K, Ojha S. *Analytical and Quantitative Cytopathology and Histopathology*. 2014; Volume 36 (In print)
  - Splendore-Hoeppli phenomenon on FNAC of subcutaneous inflammatory lesions. Naik L, Agnihotri M, Sandhya Ware, Kothari K, Fernandes G. *AQCH*. 2014 (ACCEPTED)
  - Amyloid Goiter: Cytomorphological Features and Differential Diagnosis on FNAC. Ojha SS, Naik LP, Kothari KS, Fernandes GC, Agnihotri MA. *Analytical and Quantitative cytopathology and Histopathology*. 2014;36(4):241-244
  - Sathe PA, Ghodke RK, Kandalkar BM. Fetus in fetu: An Institutional Experience. *Pediatr Dev Pathol* 2014; 17:423-249.
  - Sathe PA, Patil LY, Vaideeswar P, Mayadeo NM. Ichthyosis Uteri. *JPGO* 2014 Volume 1 Number 8
  - Devdas S, Samala, Sandesh V, Parelkar, Beejal V, Sanghvi, Natasha L, Vageriya, Bhupesh A, Paradkar, Bhuvaneshwari M, Kandalkar, 1 and Pragati A, Sathe 1. To observe the intensity of the inflammatory reaction caused by neonatal urine and meconium on the intestinal wall of rats in order to understand etiology of intestinal damage in gastroschisis. *J Indian Assoc Pediatr Surg*. 2014; 19: 5-9.

### **Pediatric Surgery**

- Parelkar SV, Kapadnis SP, Sanghvi BV, Joshi PB, Mundada D, Shetty S, Oak SN. Pyloric atresia—three cases and review of literature. *Afr J Paediatr Surg*. 2014 Oct-Dec;11(4):362-5.
- Parelkar SV, Sanghvi BV, Samala DS, Paradkar BA, Patil SH, Oak SN. Two-port laparoscopic management of a giant pseudocyst complicating entriculoperitoneal shunt. *J Indian Assoc Pediatr Surg*. 2014 Jul;19(3):181-3.
- Parelkar SV, Sanghvi BV, Shetty SR, Athawale H, Oak SN. Needle in a haystack: Intraoperative breakage of pediatric minimal access surgery instruments. *J Postgrad Med*. 2014 Jul-Sep;60(3):324-6.
- Parelkar SV, Mundada D, Sanghvi BV, Joshi PB, Oak SN, Kapadnis SP, Shetty S, Athawale H, Multani P. Should the ovary always be conserved in torsion? A tertiary care institute experience. *J Pediatr Surg*. 2014 Mar;49(3):465-8.
- Samala DS, Parelkar SV, Sanghvi BV, Vageriya NL, Paradkar BA, Kandalkar BM, Sathe PA. To observe the intensity of the inflammatory reaction caused by neonatal urine and meconium on the intestinal wall of rats in order to understand etiology of intestinal damage in gastroschisis. *J Indian Assoc Pediatr Surg*. 2014 Jan;19(1):5-9.

### **Pediatrics**

- Muranjan M, Karande S, Parikh S, Sankhe S. A mistaken identity: rhabdomyosarcoma of the middle ear cleft misdiagnosed as chronic suppurative otitis media with temporal lobe abscess. *BMJ Case Rep*. 2014 Sep 19;2014. pii: bcr2014206615.
- Karande S, Agarwal S, Gandhi B, Muranjan M. Chediak-Higashi syndrome in accelerated phase masquerading as severe acute malnutrition. *BMJ Case Rep*. 2014 Mar 31;2014. pii: bcr2014203763.
- Parikh RN, Muranjan M, Karande S, Sankhe S. Atlas shrugged: cervical myelopathy caused by congenital atlantoaxial dislocation aggravated by child labor. *Pediatr Neurol*. 2014 Apr;50(4):380-3.
- Bölte S, de Schipper E, Holtmann M, Karande S, de Vries PJ, Selb M, Tannock R. Development of ICF Core Sets to standardize assessment of functioning and impairment in ADHD: the path ahead. *Eur Child Adolesc Psychiatry*. 2014 Dec;23(12):1139-48.

- Karande S. Health-related quality of life in children with specific learning disability: children's self-reports versus parents' proxy reports. *Eur J Pediatr.* 2014 May;173(5):689-90.
- Karande S, Perkar S. Factors associated with maternal infant feeding attitudes in Mumbai, India. *Breastfeed Med.* 2014 Jan-Feb;9(1):42-4.
- Bashyam M, Chaudhary AK, Sinha M, Nagarajaram HA, RamaDevi R, Ranganath P, Dalal A, Bashyam L, Gupta N, Kabra M, Muranjan M, Puri R, Verma IC, Nampoothiri S. Splice, insertion-deletion and nonsense mutations that potentially perturb the Phenylalanine hydroxylase transcript are a major cause for Phenylketonuria in India. *J Cell Biochem* 2014; 115(3):566-574
- Ankleshwaria C, Mistri M, Bavdekar A, Muranjan M, Dave U, Tamhankar P, Khanna V, Jasinge E, Nampoothiri S, Kumar EK S, Sheth F, Sheth J. Novel mutations in the Glucocerebrosidase gene of Indian patients with Gaucher disease. *J Hum Genet* 2014; 59 (4): 223 – 228.
- Gulati S, Aneja S, Juneja M, Mukherjee S, Deshmukh V, Silberberg D, Bhutani VK, Pinto JM, Durkin M, Tudu P, Pandey RM, Nair MK, Arora NK; INCLIN Study Group. INCLIN Diagnostic Tool for Neuromotor Impairments (INDT-NMI) for primary care physician: development and validation. *Indian Pediatr.* 2014 Aug;51(8):613-9.
- Konanki R, Mishra D, Gulati S, Aneja S, Deshmukh V, Silberberg D, Pinto JM, Durkin M, Pandey RM, Nair MK, Arora NK; INCLIN Study Group. INCLIN Diagnostic Tool for Epilepsy (INDT-EPI) for primary care physicians: development and validation. *Indian Pediatr.* 2014 Jul;51(7):539-43.
- Mukherjee S, Aneja S, Russell PS, Gulati S, Deshmukh V, Sagar R, Silberberg D, Bhutani VK, Pinto JM, Durkin M, Pandey RM, Nair MK, Arora NK; INCLIN Study Group. INCLIN diagnostic tool for attention deficit hyperactivity disorder (INDT-ADHD): development and validation. *Indian Pediatr.* 2014 Jun;51(6):457-62.
- Karande S, Patil V, Kher A, Muranjan M. Extracardiac birth defects in children with congenital heart defects. *Indian Pediatr.* 2014 May;51(5):389-91.
- Juneja M, Mishra D, Russell PS, Gulati S, Deshmukh V, Tudu P, Sagar R, Silberberg D, Bhutani VK, Pinto JM, Durkin M, Pandey RM, Nair MK, Arora NK; INCLIN Study Group. INCLIN Diagnostic Tool for Autism Spectrum Disorder (INDT-ASD): development and validation. *Indian Pediatr.* 2014 May;51(5):359-65.
- Karande S, Gogtay NJ. Impact of the mid-day meal scheme in India. *J Postgrad Med.* 2014 Apr-Jun;60(2):113-5.
- Karande S. Pediatricians should help parents inculcate healthy television viewing practices in children. *Indian J Pediatr.* 2014 Feb;81(2):109-10.
- Thakkar AN, Muranjan MN, Karande S, Shah NS. Neonatal diabetes mellitus due to a novel ABCC8 gene mutation mimicking an organic acidemia. *Indian J Pediatr.* 2014 Jul;81(7):702-704.
- Muranjan M, Vijayalaxmi P. The Unforeseen Toll of Birth Defects and their Economic Burden at a Tertiary Care Public Institute in Mumbai. *Indian J Pediatr.* 2014 ; 81(10):1005 – 1009.
- Agarwal S, Lahiri K, Muranjan M, Solanki N. The face of lysosomal storage disorders in India. *Indian J Pediatr.* 2014 Dec 9 [Epub ahead of print].
- Balasubramanian P, Tullu MS. Study of Ventilator-Associated Pneumonia in a Pediatric Intensive Care Unit. *Indian Journal of Pediatrics* 2014; 81 (11): 1182-1186.
- Agarwal S, Divecha C, Tullu MS, Deshmukh CT. A Rare Case of Nephrotic Syndrome: 'Nailed'the Diagnosis. *Journal of Postgraduate Medicine* 2014;60(2):179-182.
- Anandi S, Tullu MS, Lahiri KR. Evaluation of Symptoms and Spirometry in Children Treated for Asthma. *Indian Journal of Medical Research* 2014-15 (in press).

## Pharmacology and Therapeutics

### Books

- Hazra A, Rege NN. *Precise Practical Pharmacology for Undergraduate Medical Students.* Wiley India Pvt.Ltd., Delhi. 2014

- Marathe P, Rege N, Kamat S. 'Tinospora cordifolia: An Experience'. A chapter in the book 'Recent Trends in Phytopharmaceuticals' (in print).
- 6th edition of "A Handbook for Undergraduate students of Pharmacology, 2014-2015"
- Model prescriptions for common disease conditions for undergraduate students
- Specific learning Objectives in Pharmacology

### Journals

- Billa GV, Joshi SS, Salagre SB. A prospective drug utilization study in geriatric hypertensive patients in a tertiary care hospital, Mumbai. *Br J Med Med Res* 2015; 5(2): 178-90.
- Shetty YC, Jadhav KS, Saiyed AA, Desai AU. Are institutional review boards ready for active continuing review? *Perspect Clin Res* 2014; 5: 11-5.
- Kuyare SS, Marathe PA, Shetty YC, Kamat SK, Katkar JV, Thatte UM. Projects not initiated by investigators: a retrospective analysis of the queries raised by the institutional ethics committees of a teaching hospital. *J Postgrad Med* 2014; 60(1):46-50.
- Shetty YC, Saiyed AA. Analysis of warning letters issued by the United States Food and Drug Administration to clinical investigators, institutional review boards and sponsors: a retrospective study. *J Med Ethics* 2014; 0: 1-6.
- Jadhav K, Ghag S, Saiyed A, Shetty Y. Evaluation of ampicillin and ceftriaxone on ethanol consumption in alcoholic dependant rats. *Br J Pharm Res* 2014; 4(14): 1772-80.
- Bagle TR, Bhide SS, Kulkarni MV, Mane YV. Counterfeit drugs. *Bulletin on Adverse Drug Reactions, LTMMC & GH* 2013; 3(3): 3-8.
- Bhide SS, Bagle TR, Kulkarni M, Mane YV, Patil S. Substandard drugs. *Bulletin on Adverse Drug Reactions, LTMMC & GH* 2014; 4(2): 11-7.
- Jadhav KS, Marathe PA. Evaluation of potassium clavulanate on ethanol consumption and decision making in the model of ethanol dependence in mice. *J Pharmacol Pharmacother* 2014; 5(4): 250-2.
- Parekar RR, Jadhav KS, Marathe PA, Rege NN. Effect of Saraswatarishta in animal models of behavior despair. *J Ayurveda Integr Med* 2014; 5 (3): 131-202.
- Pawar DB, Marathe PA, Rege NN. Antidepressant activity of aqueous extracts of fruits of Terminalia Chebula and Phyllanthus Emblica in behavioural models of depression: involvement of monoaminergic system. *Int J Pharm Pharm Sci* 2014; 6(8): 615-62.
- Malve HO, Raut SB, Marathe PA, Rege NN. Effect of combination of Phyllanthus emblica, Tinospora cordifolia and Ocimum sanctum on spatial learning and memory in rats. *J Ayurveda Integr Med.* 2014;5: 209-15
- Raut SB, Jadhav KS, Marathe PA. Role of dopamine - D2 receptor in spatial memory retention and retrieval determined using Hebb-Williams complex maze. *Indian J Physiol Pharmacol* 2014; 58(3) 191-5.
- Gajbhiye S, Tripathi R, Jalgaonkar S, Sarkate P. Perception of postgraduate (PG) students and teachers on seminar as teaching-learning tool. *Natl J Integr Res Med* 2014; 5(2): 98-102.
- Rege NN, J. Lewis J, Gupte S. Low Density Lipoprotein-Cholesterol Lowering Activity of a Blend of Rice Bran Oil and Safflower Oil (7:3) in Indian Patients with Hyperlipidemia: A Randomized, Double Blind, Controlled, Comparative, Parallel Group Study. *J Obesity and Metab Res* 2014;1:159-63.

### Physiology

- Borse L J, Modak HK, Bansode DG et. al. Effect of body weight on peak expiratory flow rate in the first year medical college male students. *Int J Health Sci Res.* 2014; 4(6):62-70.
- Agrawal A, Athavale A, Shenvi DN, Kirtikar S. et. al. Comparative study of mechanical lung function measurements in COPD patients: A pilot study. *IJPP.* 2014; 58 (5): 94-95.

### **Physiotherapy**

- Delayed onset neuropathy along with recurrent laryngeal nerve palsy due to organophosphate poisoning and the of Physiotherapy Rehabilitation ,Jaimala Shetye, Swati Surkar, ND Karnik, Amita Mehta.
- Comparison of predicted VO2 max using QCST & SMWT in young healthy subjects.IJPOT. Feb 2014, Priyanka Narkhede, Jaimala Shetye, Amita Mehta.
- Effect of Maitland's Joint Mobilization versus Shacklock's Neurodynamic Mobilization techniques in low back pain .IJPOT, Vol 8, No 2, April-June 2014, Amita Mehta, Bhavana S Mhatre, Nilima Mote

### **Plastic Surgery**

- Khare N, Puri V. Education in plastic surgery: Are we headed in the right direction? Indian J Plast Surg. 2014 Jan;47(1):109-15.
- Amirlak B, Gerdes J, Puri V, Fitzgibbons RJ. Allograft AlloDerm(®) tissue for laparoscopic transabdominal preperitoneal groin hernia repair: A case report. Int J Surg Case Rep. 2014;5(6):294-7.

### **General Surgery**

- Antesternal colonic interposition for corrosive esophageal stricture. Ind J Surg 2014;76:56-60.
- An option of conservative management of a duodenal injury following laparoscopic cholecystectomy. Case Rep Surg 2014. Published online 21st October 2014. doi: 10.1155/2014/398545.

### **Surgical Gastroenterology**

- Primary Hepatic Neuroendocrine tumors: A Case series . As abstract in HPB Journal Oct 2014.
- Cystic Neoplasm of the Pancreas: As abstract in HPB Journal Oct 2014.
- Loco-regional Management of Colorectal Liver Metastasis: As abstract in HPB Journal Oct 2014.

### **Urology**

- Book Benign Prostatic Hyperplasia- Editor Dr.Sujata Patwardhan, co-editor Dr.Altaf Shaikh
- Primary leiomyosarcoma of inferior vena cava invading kidney- Book Archives of international surgery (May-August 2014) by Dr.Ajaykumar Gajengi

# Research





# Research

## Anatomy

- Revisiting the Curriculum in Histology Techniques for Anatomy (completed)
- Perceptions of Undergraduate Students on Use of Flashcards as a Mode of Learning Anatomy (completed)
- A Morphometric Study of Larynx in Adult Cadavers (completed)
- A Study of Morphometry and Variations of Arteries Supplying the Kidneys in cadavers (completed)
- A Morphometric Study of the Dry Human Mandible (completed)
- A Study of Abdominal Aorta and the Proximal Part of its Branches in Cadavers (completed)
- A Study of Infraclavicular Part of the Brachial Plexus and the Proximal Part of its Branches in Cadavers (completed)
- A Study of Splenic Artery and its Branches in Cadavers (completed)
- Microanatomical features of Pituitary Gland (ongoing)
- Efficacy of Multimedia Teaching in Microanatomy: a comparison with traditional teaching (ongoing)
- A study of Development of Long Bones in Fetuses (Ongoing)
- Anatomy Quiz - A Novel Method of Teaching Anatomy (Ongoing)
- Competency Based Curriculum to Teach Anatomy of Cranial Nerves to MBBS Students (Ongoing)
- A Morphometric Study of Dry Adult Femora (ongoing)
- A Morphometric Study of Dry Adult Humeri (Ongoing)
- A Morphometric Study of Dry Human Sacra (Ongoing)

## Anesthesia

- A prospective randomized comparison between standard weight based technique and a new method based on combined widths of patients index middle and ring fingers for classic LMA size selection in pediatric population.
- A prospective randomized comparison between standard weight based technique & pinna size based new technique for classic LMA size selection in paediatric population
- Randomised prospective study comparing USG guided technique and loss of resistance technique for combined spinal epidural catheter anaesthesia
- Prospective randomized comparison between USG guided axillary block- perivascular vs perineural.
- A randomized Control Trial of comparison between MCT-LCT Propofol & LCT Propofol in patients coming for surgical procedures under general anaesthesia regarding pain on injection, induction & lipid profile.
- A Prospective Randomized observational analytical phase I.V. study of comparison of maintenance & recovery profile of sevoflurane & desflurane with Dexmedetomidine undergoing surgery for Supratentorial Tumors
- A Prospective randomized study to compare ease of tracheal intubation with McCoy laryngoscope versus ILMA using manual inline axial cervical spine stabilization in patients undergoing cervical spine surgery
- A Randomized Placebo Control double blinded comparison of effect of intravenous dexmedetomidine on duration and intensity of brachial plexus block.
- A prospective randomized study of comparison of intravenous fentanyl vs intravenous dexmedetomidine for attenuation of cardiovascular response during laryngoscopy and tracheal intubation in adult cardiac surgery
- A comparative study between dexmedetomidine infusion and propofol infusion for maintenance in patients undergoing functional endoscopic sinus surgery under general anaesthesia
- A prospective randomised control study of haemodynamic, anaesthetic, analgesic advantages of



- dexmedetomidine versus saline infusion in spine surgery in prone position under general anaesthesia.
- To Compare safety & efficacy of Proseal LMA versus ETT for Gynaecological Diagnostic Laparoscopy
- Biochemistry and Clinical Nutrition. Co Study and comparison of efficacy of ketamine, midazolam and ketamine plus midazolam for prevention of shivering during spinal anaesthesia comparison of safety & efficacy of epidural block versus spinal anaesthesia for PCNL.
- Prospective randomized study to compare injdexmeditomidine and inj clonidine as adjuvant to bupivacaine used for ultrasound guided subclavian perivascular and axillary block in upper limb surgeries.
- Attenuation of extubation response in patients undergoing abdominal and lower limb surgeries under General anaesthesia - A comparative study between dexmeditomidine and esmolol
- Comparison of Perfusion Index (PI) with other non-invasive hemodynamic monitors of stress response following Endotracheal Intubation: An observational study
- To compare USG guided femoral nerve block versus intravenous fentanyl to facilitate sitting position for administration of central neuroaxial blockade in fracture shaft femur surgery.
- A prospective randomized controlled study of efficacy of caudal clonidine in prevention of emergence , agitation after sevoflurane anaesthesia in children
- A prospective randomized controlled study to compare changes in ETT cuff pressure during general anaesthesia using nitrous oxide between air & distilled water cuff inflation using pressure gauge and pressure transducer.
- Biophysical properties and toxicity of small amyloid peptides
- Biochemical and immunological characterization of monoclonal antibodies against tetanus toxin.
- Role of Laser-Assisted Hatching in ART (Assisted Reproductive Techniques) to improve Pregnancy Rates.
- Evaluation of antiproliferative and antiangiogenic activity of bio-active compounds present in curcuma longa and tinospora cardiofolia in cervical cancer
- Biochemical parameters in HIV/ TB Co infection.
- Re-evaluation of healthy ranges of liver enzymes and analysis of red cell membranes in patients with liver diseases.
- Characterization and assessment of anticancer activity of Indian honey
- Study of serum levels of Interferon - Gamma & Interleukin- 10 in HIV infected patients undergoing treatment
- Evaluation of performance characteristics of Bilirubin estimation.
- Evaluation of Biochemical parameters in young Hypertensives.
- Integrated Teaching Learning Methods: Modules- LFT, Acid-Base balance.
- Study of lipid profile & erythrocyte membrane cholesterol phospholipids and effect of anti rheumatic therapy in early rheumatoid arthritis- A pilot study.
- Composition of RBC Membrane & plasma lipids in children with PEM.
- Study of Phospholipids in serum & RBC Membrane in patients of Nephrotic Syndrome.
- Case Based Studies (Small group teaching)

## Cardiology

- Study with an Endothelin receptor antagonist in pulmonary arterial hypertension to improve clinical outcomes - a multi center, double blind, randomized , placebo controlled , parallel group event driven, Phase III study to assess the effects of ACT064992 on morbidity and mortality in patients with symptomatic pulmonary arterial hypertension (ongoing study)
- Acute coronary syndrome registry (ongoing study)
- A randomized, double blind, placebo controlled parallel group study to evaluate the effect of SAR236553/REGN727 on the occurrence of cardiovascular events in patients who have recently experienced an acute coronary syndrome (ongoing study)

- A prospective ,open label,multicentric,observational registry for heart failure patients across India (ongoing study)
- A phase III,International,Multi-centre,Randomized,Double Blind, Placebo Controlled, Event Driven Study to compare the time to first Clinical Worsening in subjects with Pulmonary Arterial Hypertension Receiving UT-15C in combination with a PDE5-1 or ERA compared with a PDE5-1 Or ERA alone (TDE-PH-310) (Upcoming Study)
- An open label extension study of UT-15C in subjects with pulmonary arterial hypertension –A long term follow up to protocol TDE-PH-310 (Upcoming Study)
- Assessment of clinical effects of cholesteryl Ester Transfer Protein Inhibition with Evacetrapib in patients at a high risk for Vascular outcomes – the ACCELERATE study (Upcoming Study)
- Evaluation of the anti anginal efficacy and safety of oral administration of ivabradine compared to placebo on top of a background therapy with a calcium antagonists (amlodipine or nifedipine) in patients with stable angina pectoris. A 6- weeks randomized double blind parallel group international multicentre study (completed study)
- Randomized, Double blind, triple dummy trial to compare the efficacy of otamixaban with unfractionated Heparin + eptifibatide in patients with unstable angina/Non ST segment Elevation Myocardial infarction scheduled to undergo an early invasive strategy(completed study)
- Indian Heart Rhythm Society Registry (IHRS)of Atrial Fibrillation: Patient Characteristics and Clinical Management Practices (completed study)

### **Chest Medicine**

- Prevalence of Asthma and effects of Air pollution on Asthma in collaboration with National Environment Engineering & Research Institute (NEERI).(Ongoing projects)
- Allergen Testing in Asthma patients (Ongoing projects)
- Pattern of Drug Resistance among Extra Pulmonary Tuberculosis (Ongoing projects)
- Study of CD4 cell count in HIV negative patients with Tuberculosis (Ongoing projects)
- Retrospective study of lung functions in Chlorination plant workers (Ongoing projects)
- Analysis of pH of Exhaled Breath Condensate and co-relate pH of Exhaled Breath Condensate to severity of COPD (Ongoing projects)
- Nocturnal Pulse Oximeter in post-Tuberculous sequelae patients in exacerbation (Ongoing projects)
- To correlate in IRCU severity of Bronchial Asthma to pH of Exhaled Breath Condensate (Ongoing projects)
- Prevalence of MDR TB in newly diagnosed sputum positive cases (Ongoing projects)
- Study of FOT in Bronchial Asthma patients (Ongoing projects)
- Study of Lung Functions in patients of Chronic Liver Disease (completed projects)
- Study of Lung Function in cured Pulmonary Tuberculosis and treated Extrapulmonary (pleural) Tuberculosis patients. (completed projects)
- Comparison of Pleural Fluid Culture yield in bedside inoculation and Standard Laboratory culture. (completed projects)

### **Clinical Pharmacology**

#### ***Academic studies:***

- A multicentric, observational, prospective drug utilization study of antibacterial agents with special focus on vancomycin and colistin in patients admitted to the Medicine Intensive Care units (MICU) of major hospitals
- An observational, prospective drug utilization study of antibacterial agents with special focus on vancomycin, colistin, meropenem, imipenem and piperacillin-tazobactam in patients admitted to the pediatric intensive care unit of tertiary care hospital
- Pharmacokinetics-Pharmacodynamics relationship of vancomycin in patients with suspected or proven

Gram-positive bacterial infection admitted to medicine intensive care unit of tertiary care hospital (Awaited IEC approval)

- Population pharmacokinetics of Lamotrigine in Indian population using retrospective data
- An Audit of Consent Refusals in Clinical Research
- Evaluation of host immune responses and parasite proteome in patients with severe/complicated malaria (IIT Study)
- B cell phenotyping, TLR4 expression determination, anti-parasite antibody profiling of serum samples and epidemiological data collection of patients diagnosed with malaria and comparison with healthy controls and non malarial-fever participants at a tertiary referral centre (TIFR Study)
- Geographic variation in the clinical manifestations, treatment and outcome of *P. vivax* malaria in three Indian states (ICMR Study)
- Evaluation of prevalence of mutation in Chloroquine and sulphadoxine- pyrimethamine drug resistance associated with genes in *P.vivax* malaria isolate in a tertiary care center in Mumbai by nested- polymerase chain reaction techniques (nPCR).
- A Case-Control study to assess the prevalence and association of different Paraoxonase 1 (PON-1) polymorphisms and its activity with Coronary Artery Disease (CAD)
- Assessment of modulation of activity of Paraoxonase-1 (PON-1) by statins in patients requiring statin therapy

#### **Sponsored studies**

- A randomized, double blind, multi-centric, placebo controlled, phase -II study assessing the safety and efficacy of intraarticular ex-vivo cultured adult allogeneic mesenchymal stem cells in patients with Osteoarthritis (OA) of knee.
- A phase II/III randomized multi centric comparator controlled study of the safety and neutralizing activity of a human monoclonal antibody to Rabies (SII RMab) administered in conjunction with Rabies vaccine for post exposure prophylaxis in patients following potential rabies exposure
- A phase I prospective randomized two arm active controlled double blind study to evaluate the safety and tolerability of Serum Institute of India's 10-Valent Pneumococcal conjugate vaccine (SIILPCV 10) in healthy Indian young Adults
- A Phase III open label randomized multicenter trial to assess the efficacy and safety of the dispersible arterolane maleate 37.5 mg and piperazine phosphate (PQP) 187.5 mg tablets in comparison with Coartem dispersible in pediatric patients with acute uncomplicated Plasmodium falciparum malaria
- A randomized open label, active controlled, Phase II/III clinical study to assess the safety and immunogenicity of SIIL's Purified Vero Cell Rabies Vaccine (PVRV) in patients with Potential Rabies Exposure
- A Phase III, Multicentric, Double Blind, Randomized study of Bovine Rotavirus Pentavalent Vaccine (BRV-PV) to evaluate Lot-to Lot Consistency and to investigate potential interference with Routine UIP Vaccinations in Healthy Indian Infants.

#### **Government funded studies**

- Analysis and search for leads from research project reports supported by DBT through the Medicinal and Aromatic Plants Task Force (Department of Biotechnology funded)
- Pharmacogenetics of Antiepileptic drugs- Role of CYP2C9, CYP2C19, ABCB1, SCN1A & SCN2A in optimizing therapy (Department of Biotechnology funded)
- Association of genetic polymorphisms of CYP2C9, VKORC1 and CYP4F2 with adverse effects of warfarin (Department of Biotechnology funded)

- A proof of concept, open and prospective clinical study to explore the frequency of single nucleotide polymorphism of P2Y12 gene and its co relation with different prakriti types in normal healthy individuals and patients of atherosclerosis (Department of AYUSH funded)
- Application of proteomics to aid biomarker discovery in smear positive patients of *P. vivax* and *P. falciparum* (In collaboration with IIT, Powai)
- NMR spectral analysis of urine samples from malaria patients admitted to KEM Hospital, Mumbai (Pilot project) (Tata Institute of Fundamental Research funded)

### **Dermatology**

- The prevalence of different auto-antibodies in lichen planus
- A clinical study of follicular hyperkeratoses in a tertiary centre
- A clinical study of follicular hyperkeratoses in a tertiary centre
- A clinical study of nail disorders in clinical dermatology
- A clinical study of "Use of dermoscope in diagnosis of evolving lesion of vitiligo"
- Anti skin profile kit for Vesiculo-bullous disorders

### **Endocrinology**

- Genotype-Phenotype Correlation in Indian Patients with Pheochromocytoma/ Paraganglioma".
- Genotype, Phenotype and Radiological Correlation of Idiopathic Hypogonadotrophic Hypogonadism
- Phenotype and Genotype correlation of growth hormone deficiency
- Comparison between a low dose maintenance treatment with antithyroid drugs vs standard protocol in patients with graves' disease
- To study the cardiac valvulopathy due to cabergoline treatment in patients with Prolactinoma. Retrospective analysis of macroprolactinoma
- Phenotype & Genotype of Gigantism secondary to Growth hormone producing pituitary Adenoma
- Retrospective audit of management of patients with Acromegaly.
- Retrospective analysis of Adrenal insufficiency
- Retrospective analysis of patients with disorders of sexual development
- HRPT2 Positive Primary hyperparathyroidism: A Case Series from Western India
- Genotype Phenotype Corelation of 46XYDSD
- To study phenotypic characteristics and follow up outcome of genetically confirmed cases of neonatal diabetes.
- Retrospective analysis of patients with primary hyperparathyroidism
- Head to head comparison of MIBI & 4DCT in Parathyroid adenoma localization
- MEN I syndrome case series
- Central precocious puberty -
- Familial aggregation of autoimmune thyroid disorder
- Case series on sjogren's syndrome & HPP
- Diagnostic performance of Tsh receptor antibody (trab) assay vs Thyroid Radionuclide
- Scan in Evaluation of Thyrotoxicosis patients
- Retrospective analysis of patients with hypoparathyroidism

### ***Pharmaceutical:***

- A Multicenter, International, Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Assess the Efficacy and Safety of AMG 785 Treatment in Postmenopausal Women with Osteoporosis.
- Liraglutide Effect and Action in Diabetes: Evaluation of cardiovascular outcome Results. A long term, multi-centre, international, randomized double-blind, placebo- controlled trial to determine liraglutide effects on cardiovascular events.

- A randomized, double-blind, multicenter, phase III study to evaluate the efficacy and safety of pasireotide LAR in patients with Cushing's disease – Clinical Trial Protocol – CSOM230G2304

### ***Collaborations :***

- ICMR National Project: To formulate Registry of people with Diabetes with Young Age at the Onset in Western India (Sponsored by icmr)
- Study of PON1 gene variants and its association with cardiovascular disease (CVD) risk factors in women with PCOS (Nirrh)
- Efficacy of Stereotactic conformal radiotherapy (SCRT) compared to conventional radiotherapy in minimizing late sequelae in children and young adults with brain tumors (SCRT Trial)(TMH)
- Changing Diabetes in Children (CDiC): "Type 1 diabetes in economically underprivileged children in India." – EC/Govt/08/11 (NNEF)

### **Gastroenterology**

- Anorectal manometric parameters of healthy adult volunteers.(ongoing)
- Intestinal permeability in Portal Hypertension compared with that in normal subjects .(ongoing)
- Hepatic venous outflow tract obstruction (HVOTO) and pregnancy outcome in Indian woman at a tertiary care centre of India – a case control study.(ongoing)
- Reinvestigation of functional dysphagia with Non Esophageal motility Disorder and normal manometry (ongoing)
- A comparative study to assess the cardiac function in patients with Budd chiari syndrome and cirrhosis of other causes.(ongoing)
- Diversity of HCV sequence due to differential transmission mode in variable liver pathological conditions(ongoing)
- Glycosylation of the serum haptoglobin B-A potential biomarker for hepatocellular carcinoma due to hepatitis B virus(ongoing)
- A Randomized, Double Blind, Multicentric, Placebo Controlled, Parallel Group Clinical Trial to Evaluate the Efficacy and Safety of Prucalopride in Patients with Chronic Idiopathic Constipation Study code: CT/PRUC/CIC/13 (Ongoing)
- A study of assess nutritional status of confirmed ulcerative colitis patients at KEM Hospital (Govt. Hospital) (Ongoing)
- Study of small intestinal bacterial overgrowth and intestinal permeability in ncph (non-cirrhotic portal hypertension) (Ongoing)
- Education of primary care physicians at district level hospitals about management of gastrointestinal diseases through telemedicine (Ongoing)
- A Randomized, Double-Blind Evaluation of the Antiviral Efficacy, Safety, and Tolerability of Tenofovir Disoproxil Fumarate versus Placebo in Pediatric Patients with Chronic Hepatitis B Infection. (Ongoing)
- A Prospective study to assess the nutritional status of patients with liver cirrhosis caused due to alcoholism at KEM Hospital ( Govt. Hospital) (Upcoming)
- Study of upper esophageal sphincter manometry in different degrees of neck extension: (Completed)
- Prevalance of non-celiac gluten sensitivity in functional dyspepsia patients and their response to a gluten-free diet.
- Renal profile in patients of budd chiari syndrome and comparison with patients of cirrhosis long term outcomes of patients with portal biliopathy with significant biliary obstruction with non-surgical management
- Predictive factors and clinical implication of deep mucosal healing in inflammatory bowel disease.



- "A Phase 3b, Multi-center, Randomized, Open-Label, Study to Evaluate the Safety and Efficacy of Sofosbuvir Plus Ribavirin in Treatment-Naïve Adults with Chronic Genotype 1 or 3 Hepatitis C Virus Infection." (Completed)
- "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg-Negative, Chronic Hepatitis B." (Completed)
- "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg Positive, Chronic Hepatitis B." (Completed)

### **Hematology**

- Clinical and laboratory profile of PNH
- Cytogenetic and molecular study of Myelodysplastic syndrome in Indian Population
- Telomerase activity and telomere gene mutations in aplastic anemia.
- Intra-articular Yttrium Injection in Hemophilia patients with chronic synovitis patients.(ongoing)
- Role of low dose prophylaxis therapy in paediatric haemophlic patients(ongoing)
- Randomized, open label, multicentre phase IIIb study evaluating the Efficacy and safety of ruxolitinib versus best available therapy in patients with polycythemia vera who are hydroxyurea resistant or intolerant(ongoing)
- Development of a registry to assess the demography, cytogenetic profile and treatment outcomes of patients with Multiple Myeloma-Multiple Myeloma Registry Program(ongoing)

### **Medicine**

- Assessment of metabolic bone alteration in pre and post ART on HIV positive patients –a cross sectional study
- Open label, randomized dose escalation phase II study in adult volunteers to evaluate safety and pharmacokinetics of human monoclonal antibodies to rabies in comparison to human immune globulin in conjunction with rabies vaccine –collaborations pharmacy department
- ADVERSE events in MICU-ICMR Projects
- To study fulminate hepatic failures in MNICU and to predict its outcome
- To study prolonged mechanical ventilation in MNICU
- Study of environment in MICU and general ward
- Study of geriatric patients in critical care
- Cross sectional prospective observational study of assessment of drug prescription pattern with cerebrovascular accident (stroke) in IPD of medicine department at KEM Hospital
- Co-relation of serum magnesium, calcium and potassium levels with outcome ion critically ill invasively ventilated patients in MNICU
- To study sympathetic modulation in patients with systemic inflammatory response syndrome (SIRS) and its co-relation with mortality
- Comparison of ankle- Brachial index in diabetic and non diabetic patients
- Global clinical drug trials in rheumatology on RA & SLE
- Hypertension in the elderly population
- Awareness and knowledge of hypertension among patients attending hypertension clinic
- To evaluate effect of anemia as risk factor of left ventricular dysfunction in patients with chronic kidney disease

### **Ongoing**

- Study of awareness and knowledge of hypertension among patients attending hypertension clinic
- Prevalence of metabolic syndrome in hypertensive subjects
- The impact of structuring the clinical training during early clinical exposure for undergraduate medical

students

- Clinical profile of alcoholic liver disease and HIV
- Spectrum of liver diseases in HIV
- PUO and role of FDG PET Scan in diagnosis
- Use of renal scan in early diagnosis of Tenofovir induced renal injury
- Adolescent HIV Clinical profiles and ADRs
- To study clinical profile of patients with posterior circulation stroke
- Etiological spectrum clinical profile and outcome of acute febrile encephalopathy in a tertiary care hospital.

### **Microbiology**

- The departmental faculty successfully conducted two research projects funded by ICMR, one research project funded by DBT and three funded by Research Society of our institute.

### **Neonatology**

- Transcutaneous bilirubin estimation in extremely low birth weight neonates (TEBELOB study)
- Comparison of Feeding Regimens in Preterm Neonates with Abnormal Antenatal Doppler- RCT
- Effect of early versus delayed introduction of feeding in neonates with absent or reversed diastolic flow in antenatal Doppler
- To Evaluate that tactile stimulation after clamping cord and before initiative positive pressure ventilation in full term new born babies who do not breathe spontaneously
- To validate the new PGI perinatal risk score for making correct decisions regarding antibiotic treatment for definite early onset neonatal sepsis among symptomatic premature neonates(<35 week) with risk factors for early onset neonatal sepsis-
- To compare the efficacy of neonatal pain agitation & sedation scale vs premature infant pain profile for assessment of prolonged pain in ventilated neonates
- To compare the efficacy of expressed breast milk sucrose vs swaddling for reducing pain associated with suctioning in ventilated neonates : A Randomized controlled clinical trial
- To study the co-relation between serum magnesium levels at birth and neurological outcomes in neonates with perinatal depression:
- To compare transcutaneous bilirubin with total serum bilirubin estimation in preterm newborns receiving phototherapy:
- Neonatal Morbidities in late preterm and early term neonates:
- Screening of congenital heart disease by pulse oximetry:
- Innate Immune receptors gene polymorphisms and their role as genetic determinants of infection in neonatal sepsis:
- RBC transfusion volume in very low birth weight preterm neonates: A Randomized trial of 15ml versus 20ml/kg body weight:
- To evaluate that 8 hourly random blood glucose monitoring schedule in all neonates requiring random blood glucose monitoring is able to detect equal number of episodes of hypoglycaemia as 6 hourly random blood glucose monitoring schedule:

### ***Collaborations :***

#### ***National***

- Facility Based Newborn Care in collaboration with National Reproductive and Child Health Program of Ministry of Health & Family Welfare, Government of India supported by Norway India Partnership Initiative (NIPI) & UNICEF
- Evaluation of CD11b, CD64, CD88, CD 282 as early diagnostic markers in detection of neonatal sepsis in

collaboration with National Institute of Immunohematology, ICMR

- Ophthalmic evaluation of normal babies and High Risk NICU graduates in collaboration with KB Haji Bachooali Charitable Ophthalmic and ENT hospital, Mumbai.

### **Nephrology**

- National CKD prevalence in Mumbai funded by ICMR (Ongoing)
- Clinical profile, antibiotic susceptibility and treatment outcome in Urinary Tract Infection due to (ESBL)Extended spectrum Beta Lactamase producing bacteria(Ongoing)
- Darbepoetin clinical Trial :RLS/TPR/02/2012 (Ongoing)
- Darbepoetin clinical Trial : CDP/02/07 A randomized, open label,multicenter study to evaluate the efficacy and safety of Darbepoetin as compared to Erythropoietin in patients with anemia of chronic kidney disease (CKD) (Ongoing)
- Pattern of glomerular diseases at a tertiary care Centre. (Ongoing)
- Nutrient intake and nutritional evaluation in various stages of CKD.(Ongoing)
- AKI in cancer patients.(Ongoing)
- Clinical profile and outcome in Membranous nephropathy.

### **Neurology**

- A multicenter, double-blind, randomized, placebo-controlled, 4 parallel groups, dose-ranging trial evaluating the efficacy and safety of brivaracetam used as adjunctive treatment at doses of 5, 20, and 50mg/day in b.i.d. administration (oral tablets of 2.5 or 10 mg) for a maximum of 7 weeks in subjects from 16 to 65 years with refractory epilepsy suffering from partial onset whether or not secondarily generalized – Brivaracetam Trial - PPD
- A phase 2 multicenter, double blind, placebo-controlled, Dose ranging study to Determine the safety and efficacy of Daclizumab HYP (DAC HYP) as a monotherapy treatment in subjects with Relapsing – Remitting Multiple Sclerosis (MS). - clinical Trial by PRA.
- A double blind randomised placebo-controlled multicenter study to compare the efficacy and safety of intravenous Kallikrein versus placebo along with standard supportive care in treatment of mild to moderate ischemic strokes – Bharat Serum.
- A double-blind, randomized, placebo-controlled multicenter parallel group study to evaluate the efficacy and safety of Brivaracetam in subject ( $\geq$  16 to 80 yrs old) with partial seizures – PRA.

### **Neurosurgery**

- Scientific evaluation of series of patients undergoing the surgical management of complex neurosurgical tumors and lesions are being conducted. A number of innovative surgical techniques have been devised and evaluated.

### **Nuclear Medicine**

- Role of brain SPECT in detecting focus of epilepsy
- Finding the normal gastric emptying time in infants
- Myocardial viability on cardiac PET scans
- Dilated cardiomyopathy- ischaemic versus non ischaemic

### **Obstetrics and Gynecology**

- Correlation between amniotic fluid index and obstetric outcome.
- Evaluation of site specific repair of vaginal wall prolapse



- Critical evaluation of PALM- COEIN classification of abnormal uterine bleeding
- Evaluation of Uterine incisions for myomectomy.
- "To evaluate the expression of hemoglobin in in human primary vaginal cells and to delineate its role in immune responses in vitro"
- A study on Teenage Pregnancy & its outcome.
- Evaluation of Progesterone Vaginal Ring (PVR) as a new contraceptive option in India'
- 'Sexual Practices in Pregnancy and Puerperium'
- Development of Multistain probiotic Lactobacillus formulation effective against reproductive tract infections.
- Do uterine fibroids alter the Endometrial Receptivity
- A prediction model of preeclampsia using a combination of biomarkers.
- A Phase III, Multicenter, Single dose, Randomized, Single-Blind, Non-Inferiority, Parallel-Group, Comparative, Study to Evaluate Efficacy and Safety of Fenticonazole vaginal capsule compared to Clotrimazole vaginal tablet in the treatment of Subjects with Vaginal Candidiasis, industry sponsored
- A prospective, randomized, open label, phase III clinical trial to compare the efficacy and safety of monoclonal anti Rho (D) immunoglobulin with polyclonal anti Rho (D) immunoglobulin in prevention of haemolytic disease of newborn, industry sponsored
- "Use of Human Fetal Samples as Referral Controls during Differentiation and Pre- clinical Evaluation of Human Embryonic Stem Cells" in collaboration with National Institute for Research in Reproductive Health (NIRRH)
- "Cryopreservation of Primordial Follicles and In Vitro Culture of Primordial Follicles" in collaboration with National Institute for Research in Reproductive Health (NIRRH)
- "Immunological markers for Endometriosis", in collaboration with National Institute for Research in Reproductive Health (NIRRH)
- "A prediction model of preeclampsia using a combination of biomarkers", in collaboration with National Institute for Immuno Haematology (NIIH)
- "Comparison of a non invasive hemoglobin measuring tool 'ToucHb' with the standard laboratory methods – Sahli's hemoglobinometer and computed hemogram
- "Risk assessment and prediction of complications in pregnant women with heart disease
- "Fibroids in Pregnancy
- Clinical collaborator in NIRRH research project "Association of host immunogenetic factors with Human papillomavirus (HPV) infection in development of cervical cancer in Indian women "Clinical collaborator in NIRRH research project "Development of Multistain probiotic Lactobacillus formulation effective against reproductive tract infections."
- Clinical collaborator in NIRRH research project "Association of host immunogenetic factors with Human papillomavirus (HPV) infection in development of cervical cancer in Indian women "

### **Occupational Therapy**

- To compare the effectiveness of training for coordination versus core muscle strengthening in improvement of balance strategies in the elderly.
- An assessment of functional outcome in pre and post operative phases of patients with right hemispheric versus left hemispheric primary brain tumor
- To study effectiveness of kinesiotaping versus counterforce brace in patients with lateral epicondylitis
- To compare nonverbal communication skills in children between developmental disability and typically developing children of verbal age 8 to 30 months.
- To study the effect on participation in age appropriate adaptive roles in children with autism spectrum disorder using Ayres sensory integration therapy.

- Impact of Positive Behavioral Support on challenging behaviors of children with developmental disability and family routine
- Impact of Cognitive Stimulation and Cognitive Training on activities of daily living functions in patients with mild to moderate dementia.
- Study of effectiveness of kinesiotaping as an adjunct to occupational therapy to prevent shoulder subluxation in acute post stroke patients and to improve functional performance of upper extremity.
- Effectiveness of dual task training on executive functions and memory in patients with traumatic brain injury
- To study the effectiveness of Purposeful activities versus Cawthorne-Cooksey exercises in patients with Benign Paroxysmal Positional Vertigo(BPPV):Randomized control trial
- To study the effectiveness of Tai chi exercises as an adjunct to Occupational Therapy: A Randomized controlled trial.

### **Ophthalmology**

- PSV- FAI trial on triamcinolone implant in non infectious posterior uveitis
- Novel diagnostics and treatment aspects of adenoviral conjunctivitis

### **Pathology**

- Comparative Evaluation of Malaria Rapid Diagnostic Test Kits" Purpose: To evaluate an unknown kit in comparison with the standard known kits and with the gold standard "peripheral smear"
- Ph.D project "Effect of Bacopa Monniera extract on lipid peroxidation of cultured human endothelial cells. A cell culture approach"

### **Pediatric Surgery**

- Retrospective review of 167 cases of VATS decortication in children
- Study of various operative procedures for Hirschsprung's disease
- Role of propranolol in pediatric hemangioma
- Advanced laparoscopy in Disorders of sexual differentiation.
- Study of solid tumors in children
- Study of constipation in children

### **Pediatrics**

- A Phase 3, Randomized, Multi-Center, Multi-National, Double-Blind Study to Evaluate the Efficacy, Safety and Pharmacokinetics of Once Daily Versus Twice Daily Dosing of Genz-112638 in Patients With Gaucher Disease Type 1 Who Have Demonstrated Clinical Stability on a Twice Daily Dose of Genz-112638 (EDGE)
- Current status of disease severity and chloroquine responsiveness in children with P. vivax malaria.
- Efficacy of antipyretic prophylaxis & antipyretic with Clobazam prophylaxis in prevention of recurrence of simple febrile seizures (Completed)
- Role of FNAC in evaluation of lymphadenopathy in pediatric age group & its clinicopathological correlation. (Completed)
- Evaluation of pharmacokinetics of Chloroquine in children(Completed)
- Nasal carriage of MRSA& antibiotic susceptibility in healthy preschool children. (Completed)
- Correlation between Clinical features & neuroimaging findings in children with epilepsy. (Completed)
- Gaucher's disease - Clinical characteristics, genotype-phenotype association & response to enzyme replacement therapy. (Completed)
- An intervention for improvement in knowledge & attitude of parents/guardians as regards inhalational therapy in pediatric asthma. (Completed)

- To determine risk factors for mortality in HIV-positive pediatric patients on ART. (Completed)
- Blood & blood products transfusion audit: Current practices and lacunae in blood and blood product transfusions among hospitalized children (ongoing)
- Clinical and laboratory predictors of outcome and need for mechanical ventilation in children with GuillianBarre syndrome. (ongoing)
- Tuberculin skin test positivity in children in a tertiary care hospital. (ongoing)
- Comparative analysis of epidemiological, clinical and bacteriological parameters of nosocomial and community acquired infection as diagnosed by culture. (ongoing)
- Brain SPECT scan in children with specific learning disability. (ongoing)
- A comparative study between intranasal midazolam and rectal diazepam in treatment of acute seizures. (ongoing)
- Quality of life of mothers of children with Down syndrome: A prospective cross sectional study. (ongoing)
- A study of acute kidney injury in a tertiary care Pediatric Intensive care unit using the PRIFLE score. (ongoing)
- Awareness about thalassemia and feasibility of cascade screening in families of thalassemia major patients. (ongoing)
- Comparison of Pediatric Risk of Mortality (PRISM) III, Pediatric Index of Mortality (PIM) II and Pediatric Index of Mortality (PIM) III Scores in Predicting Mortality in Pediatric Intensive Care Unit. (ongoing)
- Efficacy of Inhaled Salbutamol Therapy via Nebuliser versus Metered Dose Inhaler & Spacer in Children with Acute Asthmatic Attack. (ongoing)
- Clinical, Epidemiological, Biochemical Profile and Outcome of Dengue & Dengue-like illness in Children. (ongoing)
- Economic Burden of Specific Learning Disabilities- An Observational Study (ongoing)
- Study of Risk Factors and Clinical Outcome of Cerebrovascular Stroke in Children. (ongoing)
- Knowledge, Attitude and Practices Among Pediatric, Neonatology and Obstetrics Residents About the Breast Feeding Practices. (ongoing)
- An Observational Study of Causes, Management and Outcome of Thrombocytopenia in a Pediatric Intensive Care Unit. (ongoing)
- Efficacy, safety of antiretroviral therapy and determinants for it's compliance in Pediatric age group. (ongoing)
- 'Antibacterial utilization study in pediatric ICU patients.
- "Assessment of parental satisfaction in a pediatric intensive care unit – Data from a tertiary care centre"

## **Pharmacology and Therapeutics**

### ***Ongoing projects:***

#### ***Academic***

- Evaluation of anti-epileptic effect of S-Adenosyl methionine and its role in memory impairment in pentylenetetrazole induced kindling model in rats.
- To evaluate and compare the efficacy of alcoholic and aqueous extract of *Lagenaria siceraria* in high fat diet model in wistar rats.
- To assess the perception of Dermatologists and Ayurvedic Physicians as well as Patients of psoriasis regarding treatment outcome with Ayurvedic therapy.
- A prospective study to assess the impact of prescribed pharmacotherapy on quality life of patients with psoriasis taking treatment in Dermatology OPD of the tertiary care hospital.
- Experimental study to evaluate role of *Withania somnifera* and *Celastrus paniculatus* for treatment of alcohol addiction.
- To assess clinical need of alternative treatment by medical practitioners and patients in a tertiary care hospital: a cross sectional study.

- A cross sectional study about perioperative management of Blood Pressure & practice of anaesthesia in hypertensive patients undergoing noncardiac surgery.
- To evaluate the anti-allergic potential of Boerhaavia diffusa (B.diffusa) in experimental animals.
- Assessment of undergraduate medical student's attitude towards communication skills.
- To evaluate anti-allergic potential of Cinnamomum zeylanicum (Dalchini) using a model of Histamine induced bronchospasm in guinea pigs.
- Introduction of an educational program to promote research ethics in undergraduate medical students.
- Drug utilization study in neonatal intensive care unit of a tertiary care hospital.
- Experimental study to evaluate the effect of piclamilast on spatial memory.
- Role of serotonin in memory reconsolidation determined using contextual fear-conditioning paradigm.
- Ethical issues in biomedical research: Analysis of research projects submitted to the ethics Committee of a tertiary care hospital in Mumbai.
- Experimental study to evaluate the effect of Ashwagandharishta on memory determined using scopolamine induced amnesia.
- Perceptions and Experiences of Community members on Institutional Review Boards .
- Effect of flumazenil on memory retrieval determined by trial-to-criteria inhibitory avoidance method in mice.
- A study of effect of Indian Medicinal Plants on fertility and maintenance of pregnancy in fertile rats and their uterotrophic effect on bilateral ovariectomised immature rats.
- Learning styles and approaches for learning among medical undergraduates.
- Evaluation of performance and perception of postgraduate pharmacology students towards skills of critical appraisal of published research papers
- Evaluation of nephroprotective effect of Bryonia laciniosa in diabetic nephropathy in rats.
- Hepatoprotective potential of lycopene in drug induced hepatotoxicity: An Experimental study.
- Evaluation of effects of Indian medicinal plants alone & in combination with each other & antibiotics on coagulase negative staphylococci & staphylococcus aureus in biofilm state: An in vitro study
- Confirmation of HPTLC results of steroidal adulteration in Ayurvedic drug sample biologically.
- Evaluation of effects of Indian medicinal plants on tumour growth and angiogenesis in a murine mammary cancer model.
- To evaluate anti-allergic and immunosuppressive potential of Boerhaavia diffusa in experimental animals.
- A cross sectional study on influence of incompatible diet (Viruddha-aahar) and suppression of urges on coronary heart disease or hypertension or both.
- A comparative study of hepatoprotective effect of curcumin with N-Acetyl cysteine and their simultaneous administration in acetaminophen induced hepatotoxicity.
- Study of adverse events & resistance pattern of micro-organisms in patients receiving antimicrobial agents in MICU of a tertiary care teaching hospital.
- Characterisation of Biofilm forming micro-organisms from clinical specimens and its evaluation by Ayurvedic formulations on Biofilm production.
- Assessment of Physico-Chemical properties of the BHASMA and Evaluating the effect of BHASMA on animal model of Parkinson's disease.
- Evaluation of effect of minocycline on alcohol induced extinction and reinstatement phenomenon in mice

### ***Industry sponsored***

### ***Completed Projects***

### ***Academic***

- An observational study to evaluate awareness among treating physicians & dermatologists regarding rational use of drugs & pharmacoeconomics.

- To evaluate the efficacy of intra-articular injection of ketamine in comparison with triamcinolone acetate on joint pathology and pain behaviour in an osteoarthritic model.
- Prospective study for developing school based model for mainstreaming the rational use of medicine.
- An experimental study to evaluate effect of pulsed radiofrequency and oral ayurvedic preparation of dashmoolarishta on joint pathology and pain behaviour in animal model of osteoarthritis.
- Assessment of Protocol Deviations submitted to Institutional Ethics Committee of a teaching hospital in Mumbai, India.
- Impact of Recent Regulatory Changes in India on the functioning of Institutional Ethics Committee (IEC) of a tertiary care hospital in Mumbai, India.
- Regulatory and GCP compliance of SAE reports submitted to institutional Ethics committee.
- Evaluation of the effect of Boerhavia diffusa on Gentamicin induced nephrotoxicity in rats.
- Exploiting the potential of intranet for managing drug spectrum a web base publication in a tertiary care hospital in Mumbai.
- To evaluate the perception of postgraduate pharmacology students towards rotational duties in experimental pharmacology & clinical research.
- To evaluate the perception of 2nd year medical undergraduate students on pharmacology museum as teaching & learning tool.
- Comparative evaluation of anti-platelet effect of lycopene with aspirin and the effect of their combination on platelet aggregation: an in vitro study
- Evaluation of anti-arthritic potential of bupropion and dashmularishta in adjuvant induced arthritis: an experimental study.
- Evaluation of prescription pattern and awareness of drug treatment in patients of Parkinson's disease.
- Effects of an Indian medicinal plant on learning and memory performance in animals.

### ***Industry Sponsored***

- Compare the efficacy and safety of SHL piles kit in the treatment of internal haemorrhoids

### **Physiology**

- Correlation between body mass index, waist circumference and indices of physical fitness in healthy adolescents (completed)
- An observational study to analyze difference in color perception amongst male and female medical and paramedical students (completed)
- The study comparing the efficiency of body mass index with that of body fat percentage by using bioelectrical impedance analysis in classifying obesity in young medical and paramedical students (completed)
- Study of pain perception in different phases of menstrual cycle (completed)
- A study of autonomic nervous system pathophysiology in Type 2 diabetes patients as compared to normal controls (completed)
- A prospective observational study of sleep habits and sleep wake patterns in Indian medical and paramedical students between the age group of 18-25 years (completed)
- Comparative study of recovery in heart rate & blood pressure post exercise in healthy male and female adults (completed)
- A study of perceived stress and autonomic nervous functions in undergraduate medical students (completed)
- To study the association of waist circumference and body mass index with pulmonary function in normal weight over weight and obese otherwise healthy students (ongoing)
- Study of correlation between anthropometric parameter and VO2 Max in adult female population(ongoing)



- Effect of sleep deprivation on human postural control, A-V reaction time and eye hand coordination (ongoing)
- The study of cardiac autonomic response in pre-hypertensive (ongoing)
- Comparative study of mechanical lung functions in normal healthy individuals and COPD patients by spirometry, FOT & MIP, MEP (ongoing)
- Comparative study of cardiovascular autonomic reactivity in medical students of age group 18-30 years with hypertensive and normotensive parents (ongoing)
- To evaluate test sensitivity of PTC in smokers & non-smokers. (ongoing)
- Comparison of peak expiratory flow rate after exercise in normal weight and overweight obese group of Indian young adult. (ongoing)
- Computer assisted teaching in experimental physiology for first year MBBS students. (ongoing)
- New insights in respiratory physiology: A comparative study of mechanical lung function measurement in subjects of different age, sex and body size including smokers and non smokers. (ongoing)

### **Physiotherapy**

- Facilities for objective analysis of Physical function testing.

### **Preventive and Social Medicine**

- Body mass index of pregnant women as an epidemiological determinant of birth weight of a new born child- A longitudinal study in tertiary care hospital.
- A cross sectional study to assess epidemiological determinants in people with stammering reporting to tertiary care hospital/ centre.
- A cross sectional study to assess epidemiological factors affecting the food handlers working in food establishment of tertiary medical college
- A epidemiological study of utilisation of RajivgandhiJeevandayeeAarogyaYojna in municipal tertiary care hospital situated in metro city.
- A study to assess health and non health needs and evolve appropriate interventions for tribal youth being trained in a vocational training institute in a rural area.
- A prospective study to determine the effect of high risk factors present in pregnancy on maternal and foetal outcome.
- A cross sectional study of epidemiological determinants correlated with prevalence of hypertension and diabetes among Municipal school teachers located in suburban area.
- A cross sectional epidemiological study of male migrants with special reference to their high risk behaviour and health seeking behaviour in an urban slum of Mumbai.
- An epidemiological study to assess health needs and morbidity pattern among deaf and hard of hearing children attending special education schools for deaf in a metropolitan city.
- A cross sectional study to determine the epidemiological factors leading to hypertension in pregnant women attending antenatal care in tertiary care hospital.
- A prospective community cohort study to estimate the incidence and risk factors of adverse drug reactions among tuberculosis patients on DOTs treatment in an urban TB unit area.
- An epidemiological study to assess the quality of life of breast cancer patients undergoing treatment and management of diabetes in an urban slum.
- A cross sectional study to assess the health status and extent of substance abuse in students attending Night junior college in field practice area of a tertiary care hospital in Mumbai.
- A study to determine unmet needs of immunisation practice for children in an urban slum.
- A epidemiological study to assess the prevalence of refractive errors and associated factors in children of 6-12 years of age in an urban slum.

- An epidemiological study to estimate the cost of treatment and management of diabetes in an urban slum.
- A cross sectional study of epidemiological determinants affecting low birth weight babies born in tertiary medical care teaching medical institution.
- A cross sectional study of women in Burud community (Bambo Craft workers) with reference to their socio-economic status, morbidity profile and occupational health issues in Mumbai.
- The role of a group-based behavioural intervention program to improve treatment adherence, quality of life and self-care behaviour in low-income patients with type-II diabetes mellitus: A randomized control trial
- A longitudinal study to compare allopathic and ayurvedic treatment modalities amongst known cases of essential hypertension
- A cross-sectional study to determine occupational determinants influencing health status and morbidity profile of traffic police in a metropolitan city
- An epidemiological study to evaluate determinants influencing health status amongst married working women in the administrative departments of a tertiary care hospital attached to a teaching medical institution
- A cross-sectional review of issues and challenges faced in immunisation of under-five children amongst brick kiln settlements
- Epidemiological mapping of growth and development of children below three years of age in a rural area
- Organ donation: To gain practical insights to provoke commitment for organ donation amongst college students from arts, science and commerce stream
- A cross-sectional epidemiological study of morbidity profile and assessment of health needs among workers of municipal water treatment plant
- A cross-sectional study to assess the prevalence of hypothyroidism and awareness and treatment-seeking behaviour amongst the nurses of a tertiary care teaching hospital of a metropolitan city
- A cross-sectional epidemiological study of morbidity pattern and factors influencing mental health status with special focus on depression in geriatric population in field-practice area of an urban health centre
- Health need assessment and health seeking behaviour in geriatric population of urban slum area in a metro city
- A cross-sectional epidemiological study of assessment of health needs and awareness regarding reproductive health in adolescent girls in rural area
- An epidemiological study of morbidity profile and health status amongst brick kiln workers in rural field area of tertiary care hospital
- A cross-sectional to assess the prevalence of work stress and factors related to it among resident doctors of a metropolitan tertiary care hospital
- A cross-sectional study to evaluate the epidemiological determinants influencing the health status of meat handlers in the field practice area of an urban health centre of a metropolitan city
- Epidemiological study to assess determinants influencing MTP and contraception acceptance by women undergoing MTP
- A cross-sectional epidemiological study to determine the morbidity profile and treatment seeking behaviour among women attending STI clinic of an urban health centre
- A cross-sectional study for assessment of prevalence risk factors attributable to diabetes mellitus type-II amongst adults in urban slum of Mumbai

## Psychiatry

### *Sponsored studies*

- Clinical Protocol CN162010 A multicenter, randomized, double- blind, and active- controlled, and comparative, fixed, and dose response study of the efficacy and safety of BMS-820836 in patients with treatment resistant major depression."

- Methadone Maintenance Training (MMT) Project:  
Methadone Maintenance Treatment in India – An effectiveness & feasibility study (Multicentric study)
- HIFAZAT Project: Opioid Substitution Therapy under National AIDS Control Programme (NACO): A situation analysis
- 'Ashwagandha' drug trial in patients experiencing stress in collaboration with the Department of Clinical Pharmacology

#### ***Projects Undertaken By Faculty With Students***

- A study of depression in mothers and children with ADHD and its associates: Dr. S. R. Parkar, Dr. Natasha Kate, Dr. Sampada Raikar, Ms. Bhumi Pabari – submitted by IRB Approval and project not yet completed.
- A study of comparison between alcohol use of patients and other substance use disorders in patients based on sociodemographic, personality and psychopathology – Dr. Shilpa Adarkar, Dr. S. R. Parkar, Dr. Swati Chavan)
- Alexithymia: Role verbal dominance and verbal fluency – Dr. S. R. Parkar, Dr. Natasha Kate, Dr. Prathamesh, Dr. Swati - submitted by IRB Approval and project not yet completed.
- A study of depression and cognitive functions in SLE patients \_ Dr. Jahnvi Kedare, Dr Anjali Rajadhyaksh, Dr. Milind Thanki, Dr. Heena Merchant, Dr Neelam Behre, Dr. Abhishek, Dr. A. R. Pazare, Dr. S. R. Parkar - submitted by IRB Approval and project not yet completed.

#### **Surgical Gastroenterology**

- Co-relation of Pancreatic Consistency and its outcome (completed)
- Regeneration of Liver following Resection (completed)
- Evaluation of symptoms pre operatively and post operatively in patients with chronic pancreatitis undergoing surgery (ongoing)
- QOL of UC patients following Surgery (ongoing)
- Study of functional and Morphological changes in cases of Biliary Structure (ongoing)
- Esophagocoloplasty for Non Dilatable oesophageal corrosive strictures – evaluation of outcomes (ongoing)

#### **Transfusion Medicine**

- Molecular genotyping of clinically significant (Rh, Duffy, Kell & Kidd) blood group antigen in donors & Multi-transfused patients.
- Autologous Blood Transfusion in Elective Surgery. Experience at a Tertiary care Hospital".
- Red Blood Cell Transfusion volume in preterm neonates with very low birth weight: A Randomized Trial of 15 ml packed cells/kg body weight versus 20ml/kg".
- A study on Evaluation of Transfusion Related Complications in Haemophilia patients at a Tertiary Care Centre"
- Study of hematological and biochemical and biochemical parameters in mother and her neonate in cases of non identical ABO blood groups in tertiary care hospital."

#### **Urology**

- An open label, randomized, parallel group and prospective, multicentre clinical trial of IN-ALRN-001 in comparison with tamsulosin hydrochloride in adult male patients with lower urinary tract symptoms associated with BPH.(completed)
- Study of erectile dysfunction following end to end urethroplasty in PFUDD patients.(Ongoing)
- Correlation between lower urinary tract symptoms and development of inguinal hernia.(Ongoing)
- Can erectile dysfunction serve as surrogate marker or increased cardiovascular risk in India males. (Ongoing)



- Urodynamic profile in patients undergoing TURP predicting outcomes. (Ongoing).
- Metabolic evaluation of patients with renal stones (ongoing)
- Demographic profile of patients with clinical / sub clinical varicocele in fertile and infertile population attending OPD. (ongoing)
- Demographic profile and clinical course of patients with proven ESBL Urinary tract infection. (ongoing)
- Randomized, Double-Blind, Multicenter, Placebo-Controlled, Proof-of-Concept Trial to Assess the Efficacy and Safety of 4-Weeks Treatment with AUS-131 (S-Equol) on Benign Prostatic Hyperplasia. (ongoing)
- Development of new module for practical examination for superspeciality students of urology. (ongoing)
- Urinary metabolic evaluations in normal children to formulate normogram for urinary metabolic values. (ongoing)
- Predicting the functional outcome of pyeloplasty in adults. (ongoing)
- Role of TURP in the current era of medical therapy in BPH (ongoing)

# In the Limelight



# In the Limelight

## Cardiology

- Collaboration with the American College of Cardiology for PINNACLE India quality improvement program

## Chest Medicine

Dr.AmitaAthavale was interviewed on SakhiSahyadri on following topics:

- Health hazards of Tobacco & smoking on 3rd Nov 2014.
- Domestic & Industrial Pollution - 15th, December 2014
- Allergies and Asthma - 22nd December 2014
- Pulmonary Diseases - 29thDecember 2014

## Dermatology

- Dr.Siddhi Chikhalkar featured in an interview in Hello Doctor Programme on 11th Jun DD Sahyadri

## ENT

- Dr. J. P Dabholkar conducted webinar on head and neck masses
- Dr. Nilam Sathe featured in an interview on MI and spoke on latest update in ENT
- Dr.Nilam Sathe was interviewed on MI MARATHI as ENT expert on 'Aawaj Kunacha' POLITICIANS AND THE VOICE CHANGE during elections.
- Dr Shashikant Mhasal was Interviewed on DD Sahyadri in programme 'Hello Doctor'

## Medicine

- Dr. A.R Pazare gave interview on Mumbai Doordarshan , sahyadri channel in Marathi on topic 'Malaria' on Saturday 25 th April 2014
- Dr.N.D Karnik gave interview on doordarshan in the programme 'Swatha Bharat' on the topic titled ' Dengue and Chikangunya'
- Dr.Neelam Redkar gave interview on DD Sahyadri on awareness of vector borne diseases which was telecast on 24 th June 2014.

## Neonatology

- Dr. N Kabra on Hello Sakhi program in September 2014
- Dr. Sharadini Dahanukar Prize Session, 2nd prize in oral prize paper session

## Nephrology

- Dr. Hase delivered a talk on *Asmita Vabini*, on renal transplant on July-2014.
- KBC invited Dr. Hase as Nephrologist for promotion of a cadaver transplant. .

## Obstetrics and Gynecology

- Started six new specialty outpatient clinics

Day	Specialty clinic
Monday	Sexually transmitted infections
Tuesday	Gynecological endocrinology
Wednesday	Oncology
Thursday	Adolescent gynecology
Friday	Assisted reproductive technologies
Saturday	Menopause

### **Occupational Therapy**

- Hemant Nandgaonkar in May 2014 featured in News letter of National Association of Neonatal Therapy, USA

### **Pediatrics**

- Dr. Mukesh Agrawal quoted in Hindustan Times (Topic - MDR Tuberculosis in Children).
- Dr. Mukesh Agrawal quoted in Mumbai Mirror (Topic - Dengue)

### **Pathology**

- Dr. Smita Divate- Organizing Secretary of the "Second Autopsy Workshop" held in March 2014
- Dr. Pradeep V - Conducted a CME program in "Cardiovascular & Pulmonary Pathology" in Goa Medical College
- Dr. Gwendolyn Fernandes - Organizing Secretary for CME in Cytopathology 2014 held in March 2014
- Dr Pragati Sathe-organizing secretary for 17th International Academy of Pathology - Indian Division CME

### **Physiology**

- Organized MUHS approved Workshop in Research Methodology at Seth G. S. Medical College & KEM Hospital from 22nd to 25th February 2014.

### **Surgery (General Surgery)**

- In March 2014, the Mumbai Mirror featured an article on the removal of multiple fibroadenomas by the department

### **Urology**

- Dr.Sujata Patwardhan, Professor & Head, Urology appointed as Council Member at Mumbai Urological Society and West Zone Urology Society of India.
- Dr.Sujata Patwardhan appointed as Advisor in State Advisor Committee, Mumbai (DHS).Member of committee for ROTTO (Regional Organ And Tissue Transplantation Organization) & SOTTO (State Organ And Tissue Transplantation Organization) at DGHS, Delhi.

# Looking Ahead



# Looking Ahead

## **Anatomy**

- Air-conditioning of Dissection Hall, Microanatomy Laboratory, Anatomy Lecture Theatre with Laminar Airflow Systems
- CCTV monitoring of lecture theatres, laboratories and departmental corridor (for security)
- Preparation of e-learning modules for microanatomy and gross anatomy for 1st MBBS students
- Electron Microscopy Facility
- Genetics laboratory

## **Anesthesia**

- OT Complex of Two Floors in the New Building
- Replacements of old equipments.
- 10 bedded AICU
- 10 bedded HDU
- State of art superspecialty operation theatres.
- Peri operative management of liver transplant surgeries.
- Difficult airway training centre.
- DM in Cardiac Anaesthesia, Neuro Anaesthesia, Paediatric Anaesthesia.

## **Biochemistry and Clinical Nutrition**

- To introduce early clinical exposure to facilitate self study , adult learning and enhance communication skills.
- To sustain vertical and horizontal integrated teaching.
- To procure equipments for conducting research.
- To collaborate with national and international agencies to diversify and upgrade research activities.
- To introduce local area network for accessibility of reports.
- To align emergency and central clinical Biochemistry laboratories.

## **Cardiology**

- A second state of the art Cath lab & a 2D Echo & Color Doppler machine
- New Cardiac Stress Test (CST) machine and 24 hr Ambulatory ECG monitoring machine is expected
- Fellowship program for post DM /DNB candidates in Paediatric Cardiology, adult interventional cardiology and electrophysiology is proposed.

## **Chest Medicine**

- National Environment and Lung Health Institute(Proposed)
- Development of a fully equipped interventional bronchology facility
- Video EEG for sleep studies
- Pleuroscope for diagnosis and management of pleural diseases
- Lab for tests for patients with refractory atopic conditions

## **Clinical Pharmacology**

- Pharmacokinetic and Pharmacodynamic studies with meropenem and inhaled colistin in the ICU for dose optimization
- Advanced Centre for Clinical Pharmacology under the aegis of the Indian Council of Medical Research



## **CVTS**

- Expansion of the facilities has been proposed in the 2nd phase of the institution development plan. It will be expected to complete by 2014.

## **Dermatology**

- Acquiring new dermascopes
- Acquiring skin USG machines
- Revamping UV treatment facility
- Purchase of new laser machines

## **Endocrinology**

### *a) Patient Care*

- Establish Foot Care Clinic
- Diabetes services to be enhanced to curtail number of patients visits.
- Diabetes prevention program
- Establish clinic for “Disorders of sexual development”
- Neuro Endocrinology clinic
- Thyroid Sonography
- Establish patient support group
- Obesity Clinic
- Endocrine Oncology Clinic

### *b) Research*

- Establish molecular endocrinology laboratory
- Establish Endocrine Oncology referral centre
- Establish regional referral centre for genetic diagnosis in endocrine disorders.
- Establish genotyping in patients with congenital adrenal hyperplasia
- Establish newborn screening programs in congenital hypothyroidism and congenital adrenal hyperplasia
- Further research in pharmacogenetics in various endocrine disorders like Diabetes Mellitus & Osteoporosis
- Increasing number of national and international publications.

### *c) Education*

- Start a diabetes Educators program for nursing staff/ Medical social worker
- Fellowships in Pediatric and Adolescent Endocrinology and reproductive Endocrinology

## **ENT**

- Work in endoscopic sinus surgery, cochlear implants and head and neck advanced surgeries
- Enhance work with high end laser, coblator, image guiding system (neurosurgery) with high definition camera
- Students and faculty training
- Training with visiting international faculty

## **Forensic Medicine**

- To start one Point Crises Centre & Centre of Excellence for the Survivors of Sexual assault at K. E. M. Hospital Mumbai.

## **Gastroenterology**

- Establishment of a Liver ICU in coordination with Department of GI surgery for better management of patients with acute liver failure and post liver resection surgeries.

### **Surgical Gastroenterology**

- Patient Care: To strengthen our Liver Transplant and Bariatric/ Metabolic Surgery Program.
- Education: To start Telemedicine Clinics with links with other GI surgery Departments in India.
- Research: To collaborate with AIIMS, and ICMR in the upcoming research projects.
- Infrastructure: Plan to provide more facilities for the patient and patients relatives.

### **Hematology**

- Increase autologous transplants
- To start allogenic transplants

### **Medicine**

- To start a fellowship in rheumatology

### **Microbiology**

- To start HBV and HCV viral load testing for patients from Gastroenterology Department
- Strengthening of Mycobacteriology laboratory for doing culture and Drug susceptibility testing and
- NABL accreditation for the rest of the tests in Microbiology Department

### **Neonatology**

- Renovation of NICU
- Initiation of Newborn Screening in MCGM
- Establishment of emergency Neonatal Care services
- Establishment of Fetal Medicine Clinic.
- Initiation of Community based Kangaroo Mother Care.

### **Nephrology**

- Expansion of deceased donor program.
- Chronic Ambulatory Peritoneal dialysis program
- Chronic Kidney Disease clinic
- Dialysis clinic
- Starting interventional Nephrology services.
- Computerization of all records.
- Lupus clinic
- Setting up of an in house lab

### **Neurology**

- Stroke Unit
- Dementia Clinic
- 2nd Phase epilepsy surgery - Invasive monitoring intra operative electro-cortico graphy

### **Neurosurgery**

- The Department is establishing its own neurovascular laboratory, specifically for intra-operative angiography.

### **Nursing**

- OT Technique short term certificate course for Nurses
- Pediatric Nursing short term certificate course for nurses

- Spiritual health for stress management.
- Workshops on communication skills and interpersonal relationships.
- Training on Infection control practices.

### **Obstetrics and Gynecology**

- Renovation of operation theaters

### **Occupational Therapy**

- Setting up of a unique rehabilitation care center for the physically and mentally handicapped with facility of disability evaluation.
- Incorporate an orthotic and prosthetic department at the Occupational Training School and Center
- Develop E-learning programs for distant learning and education
- Start integrated Masters Program and Short Certificate Courses
- Setting up internet and intranet facilities

### **Ophthalmology**

- Establishing pediatric ocular allergic diseases services

### **Pathology**

#### **Patient Care**

- Initiate immunofluorescence microscopy for renal biopsies.
- Expand range of tests for lipid and enzyme biochemistry with automated systems
- Establish panel of tests for lupus anticoagulants.
- Continue up-gradation of hematology services with five part differential blood cell counters.
- Initiation of immunocytochemistry on FNAC slides and cell blocks
- Establish routine immunohistochemistry for tumor markers.
- Establish routine IHC for ER,PR of breast tumors
- Continue up gradation of Surgical Pathology and Hematology with automated equipment and new techniques
- Continue upgradation of hematology services with additional automated analysers.
- Enhancing cytological techniques with cytocentrifugation, cell block preparation etc.
- Continue to enhance surgical pathology services with automated equipment.

#### **Education**

- Creating a seminar room in the CVTC laboratory 116 to hold teaching sessions for residents in Cardiology, Cardiac Surgery & Chest Medicine.
- Creation of a museum in CVTC laboratory 116 for display of mounted and wet specimens of hearts and lungs.
- Upgradation of UG Pathology practical class with CCTV camera & projector.
- Renovated seminar room with fully equipped microscopes slide projector and attached with smart board and camera.

#### *Campus and infrastructure*

- Pathology museum, practical class, office renovation / restoration
- Renovation of CVTC laboratories 116, 315, 316.
- Procurement of additional photomicrographic microscopes
- Modernization of museum.

## **Pediatrics**

### *Patient Care*

- Initiation of new Pediatric Gastroenterology OPD.
- Expansion of the Pediatric Wards bed strength from 90 to 120 teaching beds and increase teaching units from 3 to 4.
- Upgrading bed strength of Pediatric ICU to 20 beds (from present 9 beds)
- Upgradation of pediatric research laboratory

### *Education*

- Initiation of Fellowship Programs in Pediatric Neurology and Learning Disabilities.

### *Research*

- Establishment of Core Committee to monitor the on-going research projects in the Pediatric Department.

## **Pharmacology and Therapeutics**

### *Patient Care*

- Chemical fingerprinting development for quality assurance of Ayurvedic drugs using newly acquired HPTLC

### *Education*

- MCQ booklet for undergraduate students
- Development of Centre for Pharmacodynamic studies to strengthen research and learning experiences to postgraduates
- Establishing Training Centre for Clinical Research

### *Research*

- Upgradation of existing research facilities in the Department of Pharmacology and Therapeutics
- Upgradation of animal house facilities

## **Physiology**

- Setting up an efficient Exercise laboratory
- To purchase a Body Composition Analyzer
- To upgrade existing equipments for the purpose of research.

## **Physiotherapy**

- To set up Balance and Gait analysis Laboratory
- Fitness testing and training laboratory
- Cardio -Pulmonary Rehabilitation units
- Job Analysis and prevention of injury
- Testing and training for Physical Fitness in students
- Joint Protection and Care
- Lecture Theaters with audiovisual facilities
- Laboratories with facilities to learn Exercise Physiology and Biomechanics, Electrotherapeutics and Electrodiagnosis
- Computers with advance Information Technology
- Facilities for objective analysis of Physical function testing.

## **Plastic Surgery**

- Fellowship in hand surgery
- Starting joint clinics in collaboration with department of Orthopedics

## **Preventive and Social Medicine**

- Wi-fi connectivity to the department
- Rural health training centres of the department to be connected through Telemedicine of KEM Hospital.
- Expansion of departmental website.

## *Education*

- The postgraduate students are posted in key Public Health Institutes for advance training namely, AFMC for entomology training, TMH for Cancer prevention, Public Health Department for health administration.
- RMOs training on RTI.
- RMOs training on disaster management
- RMOs training on organ donation

## *Campus & Infrastructure*

- Development of Public Health Museum

## **Psychiatry**

- Substitution therapy for Methadone maintenance therapy on Opioid dependence
- Group for children of alcoholics
- Narcotics Anonymous
- Day care centre for long term of rehabilitation of Schizophrenia

## **Radiology**

- The Department will soon install a new 1.5 Tesla MRI Machine and a Biplane DSA Machine for treatment of Vascular & Non-vascular Diseases in a Minimally Invasive manner.
- The recently renovated EMS will be equipped with a Super Fast CT Scan Machine.

## **Transfusion Medicine**

- Full automation in ELISA testing
- Full automation in Component extraction.
- Computerization in Blood Bank
- To increase voluntary blood collection to 50,000 annually
- To increase the P G seats from 2 to 4 students per year.
- Continuation of NABH Accreditation.
- To implement Haemovigilance programme of India constituted by National Institute of Biologicals, Ministry of Health & Family Welfare, Govt. of India.

## **Urology**

- Setting up of patient data archiving system (operative and clinical).
- As a centre for training in urology recognized for fellowship by SIU.
- Publication of book on instrumentation.
- Cadaver Retrieval Workshop
- "Urinary Diversion" Workshop
- Indo-Us collaboration for organ transplant.
- Projects : MUHS recognized courses for Urology OT Technician and Transplant Anesthesia

# Committees and Societies, Services and Publications



## Committees and Societies, Services and Publications

### Animal Ethics Committee

- Established in-1997
- Registered with CPCSEA in 1999 (registration no: 60/1999/CPCSEA)
- The committee presently functions according to the guidelines laid down by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).
- Details of projects submitted to the Institutional Animal Ethics Committee in the year 2014 are as follows:
- Total projects received: 13
- No. of projects reviewed: 13
- No. of projects approved: 13
- No. of projects rejected: Nil

The current composition of the Animal Ethics Committee is as follows:

Sr. No.	Name of Members	Position on AEC	Occupation & Designation	Gender
1	Dr. NN Rege	Chairperson	Professor. & Head, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
2	Dr. SK Kamat	Member-Secretary	Professor, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
3	Dr. SV Jalgaonkar	Member Co-ordinator	Assistant Professor, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
4	Dr. PR Chaudhari	Main Nominee, CPCSEA	Scientific officer, Comparative Oncology & Experimental Nuclear Medicine, ACTREC, Tata Memorial Center.	M
5	Dr. MM Gatne	Link Nominee, CPCSEA	Professor & Head, Pharmacology & Toxicology, Bombay Veterinary College.	F
6	Dr. VK Shrivastava	Nominee, CPCSEA	Scientist outside the institute	M
7	Mr. AV Shah	Nominee, CPCSEA	Non-Scientific Socially Aware Member	M
8	Dr. S Kulkarni	Member	Sr. Veterinary Officer, Seth GSMC & KEMH.	M
9	Dr. MJ Sathe	Member	Associate Professor, Microbiology, Seth GSMC & KEMH.	M



## Department Development Fund

The following activities are carried out by the trust:

### *Patient Care*

- The trust is set up to aid & support growth of scientific research in and development and efficient running of various departments with an ultimate goal to augment of patient care facilities in K. E. M. Hospital with up-to date and modern equipments & instruments and to attend to and take care of the patients.

### *Education*

Following educational activities were undertaken by the respective departments through DDF.

- Pathology: CME in Cytopathology on 27th March 2014.
- Pathology: CME of IAP-ID on 13th September 2014.
- Bio- Chemistry: 10th Good Clinical Practice course from 9th September to 11th September 2014 and 3rd December 2014.
- Anesthesia: CME on "Dr. Y. G. Bhojraj Anesthesiology" on 7th September 2014.
- Anesthesia: Workshop on USG guided Nerve Blocks on 28th December 2014.

### *Research:*

Trust has received donations for research projects of following departments & these are ongoing.

Sr. No	Department	Project Name	Sponsors Name
1	Psychiatry	Protocol A7501012-1018: "A randomized, placebo-controlled, double-Blind trial of asenapine in the prevention of relapse after long-term Treatment of Schizophrenia".	Pfizer Limited
2	Clinical Pharmacology	"Clinical Pharmacology study of artemether in hepatitis C virus infected patients, after repeated oral administration during 7 days : a proof of concept study"	Kemin Pharma
3	Clinical Pharmacology	"An open label, prospective, randomized clinical trial to assess safety and pharmacokinetics of recombinant anti-D immunoglobulin versus polyclonal anti-D immunoglobulin in health Rh negative study participants"	Bharat Serums & vaccines Pvt. Ltd
4	Clinical Pharmacology	"Application of proteomics to aid biomarker discovery in smear positive patients of P.vivax and P.falciparum".	Indian institute of Technologies
5	Clinical Pharmacology	"Preferred Research Centre for Outcomes Research"	Pfizer Ltd
6	Clinical Pharmacology	WHO Project	
7	Hematology	"Randomized, open label, multicenter phase IIIb study evaluation the efficacy and safety of ruxolitinib versus best available therapy in patients with polycythemia vera who srehydroxyurea resistant or intolerant (Response 2)	

### *Award and Honors:*

Following prizes were given:

- Dr. Nina Dahejia Prize: Interns of G. S. Medical College
- Dr. L. H. Hiranandani Prize: 3rd M.B.B.S Student (ENT)
- Dr. Geeta Rao Memorial Prize: MS (Surgery)
- Dr. V. H. Muzumdar: Final MBBS students (Ophthalmology), MD Obst& Gynecology.
- Dr. G. S. Ambardekar: MD (Anesthesia) & Diploma in Anesthesia
- Silver Jubilee: Occupational Therapy
- Dr. V. G. Rao: PSM for 1st& 2nd highest the final MBBS Exam.
- Pandurangi Award to Orthopedic -Best Resident.

### *Work Environment*

- Foundation day: Miscellaneous expenses of Rs.20,000/- through DDF General Fund were sanctioned.
- DDF General Fund: Purchase of 2 LCD Projectors for MLT of KEM Hospital through DDF General Fund at the cost of Rs.1,01,000/-

### *Donation and Grants*

Year Jan 2014 to December 2014.

Sr. No	Name	Income Donation/Grants
1	Patient Care	—
2	Research	3,49,050.00
3	Training Programs/workshop	8,28,300.00
4	Donations	9,25,610.00

### *Committees*

Following work has been by DDF from 1st January 2014 to December 2014.

- Total 8 meetings held throughout the year.
- Five projects are currently ongoing (details under Research).
- Provided internet connection to several Departments (e. g. Dean, Dean Residence, PA to Dean, Student Section, Nurses Home, Superior Establishment) AE (M&E).

## **Diamond Jubilee Society Trust**

### *Introduction*

The Seth GS Medical College and KEM Hospital, Diamond Jubilee Society Trust was established in 1989 with the following objectives:

- To undertake scientific, social and statistical research in the field of health, medicine and applied science. Benefits arising out of results of the research undertaken by the trust would be extended to the poor and needy sector of the community, especially the slums dwellers and the working class in textile and other industries in Mumbai, catered by our public hospital as well as to the patient population at large.
- To promote medical education and to continually offer opportunities of upgrading knowledge, skills in the context of innovations, research and discovery in all fields of health.
- To provide medical relief and undertake development programmes in health services and upgrading health care facilities to various sectors of the society.

The trust accepts donations to support the medical education and health facilities of Seth GS Medical College and KEM Hospital. Donations to the trust are exempted under section 80G of the Income Tax Act 1961. The FCRA, Govt. of India, Ministry of Home Affairs has given the permission to receive and utilize foreign contribution to Trust. The Trust has also been recognized as SIRO, by Department of Scientific and Industrial Research for years 2013 - 2016.

*Managing Trustee* : Dr. SR Parkar, Dean, Seth GS Medical College & KEM Hospital

*Secretary* : Dr. NN Rege, Treasurer: Dr. AN Supe,

*Trustees* : Dr. Sujata Patwardhan, Dr. Nitin Karnik, Dr Vishnu Kanhere, Mr. Kishorekumar Mhatre, Advisor: Dr. RD Bapat

#### *Activities of the trust*

Diamond Jubilee Society Trust was able to collect Rs.6,42,72,031/- of donations in the year (January 2014- December 2014) inclusive of Foreign donations of Rs.12,37,550/- and Government Research Grant of Rs. 1,57,57,121/-. The donations are being used for the purpose stated by the donors. In addition, the trust does following activities:

#### *Patient care*

- Donations worth Rs.33,73,654/- were used to purchase essential equipments, accessories and consumables for various departments, laboratories and intensive care units of the institutes as per their requirements.
- Patient education programmes of Patient Education Cell were supported.

#### *Support was extended to the ICUs to purchase equipments*

- For Paediatric ICU – Rs. 3,04,453/- for 2 non-invasive BIPAP-CPAP machines and additional accessories like masks and peripherally inserted central lines.
- For Neonatology ICU – Rs. 2,86,288/- for heated humidified high flow nasal cannula system, washing Machine and T piece NEopuff resuscitation kit.
- For Medicine ICU – Rs. 2,98,700/- for multipara monitor.

#### *Donations received*

- Donation of Rs. 3,00,25,000/- from Mazagon Dock Ltd. through the Corporate Social Responsibility Cell of MCGM for NICU renovation.
- Donation of Rs. 1,50,000/- from Lions Club International ( District Governor's Service Fund Lions District 323-A3) towards the welfare of the children admitted in the Paediatrics indoor facility.
- Donation of Rs. 10,00,000/- from Kalpataru Ltd. to the department of Chest Medicine and Environment Pollution Research Centre for patient care and research.
- Donation of Rs 15,000/- from Dr Aspi Golwala for the utilization of institutional activity as per the need

#### *Medical education*

1. Financial support of Rs. 90,000/- was extended for 7 research projects undertaken by the postgraduate students & Rs.3,09,632/- for 6 research projects undertaken by the Jr. faculty members.
2. Financial support (Rs. 1,00,000) was extended for medical conference, "CONFLUENCE 14...where ideas meet" organized by the undergraduate students of Seth GS Medical College & KEM Hospital
3. The students who have excelled in their academic career were awarded prizes and scholarships (n=30) by the trust. Funds for this purpose have been donated by the graduates, postgraduates and teachers of the institute.

4. GOSUMEC Foundation, USA Research / Innovation Scholarship was awarded to the following undergraduate students for their meritorious research work :
  - Ms. Jayati Churiwala, 3rd MBBS student, for her research with Department of Medicine on 'Study of Prevalence of Metabolic Syndrome in Hypertensive Subjects'. She presented the same at 22nd Annual conference of hypertension Society of India held at BodhiGaya held on 19th-20th October 2013 and bagged Dr PJ Mehta Young Scientist award.
  - Dr. Jhanvi Bajaj, an intern, for clinical research on 'Adverse Events in an Intensive Care Unit: Assessment of Severity, Preventability, Length of Stay, Outcomes and Economic Burden'. This was presented in the International Student Congress of (bio) Medical Sciences (ISCOMS), held at Groningen, the Netherlands from 3rd - 6th June, 2014.
  - Dr. Shefali Parikh, an intern, for her selection for clinical clerkship in the department of Pediatric Cardiology at Ann & Robert H. Lurie Children's Hospital of Chicago.
  - Dr. Amol Patil, 3rd year resident from Department of Pharmacology & Therapeutics for his work on off label Use of Perioperative Medication during Anesthesia in Surgical wards of a Teaching Hospital,' which was awarded first prize at 46th Annual conference of Indian Pharmacology society at Bengaluru.
  - Dr. Sandip Kapse, 3rd year resident from Department of Pharmacology & Therapeutics for his research work on 'Retrospective study of SAF reports received by the institutional Ethics Committee for regulatory and GCP compliance,' presented at the 2014 Annual Meeting of the American College of Clinical Pharmacology, USA held in September, 2014.
  - Dr. Agastya Belur, Final MBBS student, for clinical research on 'Demographics of Animal Bite Victims and Management Practices in a Tertiary Care Institute in Mumbai'. This was presented in the 21st International Student Congress of (bio) Medical Sciences (ISCOMS), held at Groningen, the Netherlands, held from 3rd - 6th June, 2014.

*Donations were accepted for the following activities undertaken for (undergraduate and postgraduate) students:*

*Donation received for the following*

- Donation received from Dr. Promilla Goswami- Mallik, Seth GSMC & KEMH alumnus of 1964 batch, of Rs. 5,00,000/- for instituting awards for girl students who have secured 1st (Rs 5000/- from accrued interest) & 2nd (Rs 3000/- from accrued interest) ranks at University examinations of 1st MBBS, 2nd MBBS, 3rd MBBS- Part I Part II.
- Dr. Kanu Tejura, Seth GSMC & KEMH alumnus, of batch 1963 donated \$ 5,500.00 (\$2100 for purchase of books for library, \$1700 for financial assistance to the needy students in KEMH & \$1700 for drug supplementation of poor patients; total RS. 3,37,865/- ). From the accrued interest every year the amount will be used as per the wish of the donor.
- Seth GSMC & KEMH alumni, 1988 donated Rs.3,15,000/- for oration in Medical Humanities (Rs 2 lakhs) and 2. financial support to needy students (Rs 1.5 lakh). From the accrued interest every year the amount will be used as per the wish of the donor.
- MUHS approved Fellowship/Certificate courses by various departments
- Undergraduate Certificate Course in Clinical Research conducted by the Department of Clinical Pharmacology under the aegis of MUHS
- 'Pharma Quiz' for the undergraduate students conducted by the Department of Pharmacology and Therapeutics
- 'Shidori', the co-curricular programme for the undergraduate students
- Cultural events organized by the undergraduate students like Advait (Marathi play competition in December)
- Donations were accepted for the following Faculty development programmes

- 10th 'GSMC FAIMER Regional Institute' by the ME Unit
- Basic Courses in Medical Education Technology (n=3) conducted by the GSMC - KEMH- MCI Nodal Centre
- 1st MCI Advance course in Faculty development, the GSMC - KEMH- MCI Nodal Centre
- Lecture series in 'Research Methodology for the Clinicians & Resident Doctors' conducted by the Department of Neonatology
- "Neonatal ventilation workshop for the Clinicians & Resident Doctors" conducted by the Department of Neonatology
- "Conference Understanding Female Urology workshop" conducted by the Department of Urology.
- "CME - Pancreas 2014" conducted by Department of General Surgery and GI Surgery.
- Good clinical practice Workshop to be conducted by Ethics Committee "Taka Hands-on workshop" conducted by Department of Neurosurgery
- Workshops conducted by the individual Departments:
- 'Functional Endoscopic Sinus Surgery Workshop' by Departments of ENT and Anatomy
- 'Teachers' Training Programme on Learning Disability' conducted by Learning Disability Clinic of the Department of Pediatrics
- International Surgical Workshop on 'Laryngotracheal Stenosis Surgery' conducted by the Department of ENT
- "Dermatoscopy CME - A New look at the skin" and "Dermatology CME on Update in Clinical And Aesthetic" to be conducted by the Department of Dermatology
- "Hands on Endoscopy workshop" to be conducted by the Department of Gastroenterology
- "Postgraduate Surgery Quiz" conducted by the Department of General surgery
- Support for utilizing cadaver facilities of the department of Anatomy during
- 'Arthroscopy Shoulder workshop conducted by Bombay Orthopedic Society
- 'BOS Basic spine course' conducted by Bombay Orthopedic Society
- 'BOS Pelviacetabular Cadaveric Course' conducted by the Department of Orthopedics under the auspices of Bombay Orthopedic Society
- Cadaveric flap dissection course conducted by Tata Memorial Centre

#### *Medical Research*

The Trust has received donations (Rs. 1,14,85,839/-) for research projects undertaken by various departments. In addition, it received funds from Government organizations towards research projects (Rs. 1,57,57,121/-).

#### *Publication*

- Annual Report of Seth GS Medical College & KEM Hospital-2013 was published under the aegis of Diamond Jubilee Society Trust.
- Donations were also accepted for publication of manuals/ abstract books of courses, workshops and conferences conducted by the various departments.

#### *Work environment*

A compactor was donated to the trust office by Dr Vyankatesh Shivane and Dr Tushar Bangar for archiving its records.

Diamond Jubilee Society Trust supports the following activities and their maintenance. It also tries to collect donations for the same.

- Website of the institute to propagate the activities of the institute and facilitate communication and interaction with other medical professionals

- Annual maintenance of indoor patient monitoring software in Registration OPD and MRO section
- Donation of two computers with printer to 2 sections of Seth GS Medical College office and computer accessories to all sections of the office
- Institutional activities and functions (ORACON-2014)
- Maintenance of front lawn and garden in the KEM campus.
- Printing of posters for Hospital Infection Control Committee
- Support for welfare activities of the institutional members (Women Development Committee)
- Financial support extended towards renovation of Museum was given by the trust.

## Gosumec Alumni Association

The office bearers and managing committee members of Gosumec Alumni Association are as follows:

Hon. President: Dean Dr. S R Parkar

Hon. Vice President: Dr. AN Supe, Dr. Sharad Gogate

Hon. Secretaries: Dr. Gita Nataraj, Dr. Ram Prabhoo

Hon. Jt. Secretary: Dr. Manjula Sarkar, Dr. Janak Shah

Hon. Treasurer: Dr. N.N. Rege,

*Managing Committee members* : Dr. M Natarajan, Dr. Sandhya Kamat, Dr. Aparna Deshpande, Dr. Lopa Mehta, Dr. V N Acharya, Dr. M.L Kothari, Dr. P D Munagekar, Dr. Ajay Tilwe, Dr. Vaibhav M. Dedhia, Dr. Sunil Puntambekar, Dr. Mohan Kembhavi, Dr. Taral Nagda, Dr. Ashish Phadnis

- Presently, the association has 4614 members. The period January 2014 to Dec 2014, saw an addition of 160 life members & 1 Patron member.

### *Donations Received*

- Rs. 30000/- Dr. Torulata Brijlal Gupta for organising Dr. Brijlal Gupta Memorial Scholarship for needy UG student
- Rs.212416/- Dr. Sandra & Avi Nash for awarding Merit-based Scholarships for Needy Medical students at G.S. Medical College
- Rs. 150000/- Dr. Sandra & Avi Nash for Financial Support for Implants for needy patients of KEM Hospital
- Rs. 6111/- as a donation & Rs.5000/- as Patron membership , Dr. Umesh Ranga Pai
- Rs. 1001/- Dr. Shekhar Kanoji

### *Donation Received for Archives*

- Rs. 10000/- Dr. D K Daftary
- Rs. 15000/- KN Dastur
- Rs. 100001/- Dr. S G Karmarkar

### *Student scholarships*

- Indira Foundation Scholarship – Full freeship of Rs. 70805/- each given to two students i.e. Hiba G Narvel & Nidhisha S Bajaj
- Indira Foundation Scholarship – Half freeship of Rs. 35403/- each given to two students i.e. Gauri S Singh & Anu Roop Rajani
- Dr. Brijlal Gupta Scholarship of Rs. 30000/- given to Anu Roop Rajani



- Gosumec Alumni Association corpus for poor boys for the year 2014-15 awarded to Praveen Kumar Soni, Amol Jagtap, Jitendra Kumar Verma & Suhail Arshad Annual Scholarship (Rs. 10000/-each)

#### *Awards & Honors*

The Dr R B Redkar Memorial awardees for the year who were felicitated on foundation day (22/1/14) included Dr. Balaji G Mane (Administrative Medical Officer), Mrs. Sonali R Khade (Hospital Office Administrator) and Mr. Mokashi CD (College Office Administrator).

#### *Social and extra curricular Activities:*

- GAA donated Rs 15,000.00 towards printing & publication of GOSUMAG 2014, the UG magazine
- GAA sponsored Rs.25750/- for Community based health camp with PSM department.

#### *Scientific Activity:*

- The Dr. Sindhu R Pandit Memorial Oration for the year 2014 was delivered by Dr. Nikhil Tandon (Endocrinologist) titled "Management of Type 2 Diabetes mellitus: where do we stand today?" on the Foundation Day.
- Jointly organized scientific orations -

#### **ORACON 14:**

- 21st January, 2014- MLT Dr. U.K. Sheth Oration delivered by Dr Rajeev Soman on "Bad Bugs, New Drugs"
- 22nd April, 2014- MLT M. P. Bhagat Oration delivered by Dr. Ravi Chittal on "Co-existence of Malnutrition and Obesity - The Double burden" Chairpersons: Dr. Y.K.Amdekar, Dr. Prem Sheth
- Dr. T.O. Shah Oration delivered by Dr. Ramakant Deshpande on "A journey so far!" Chairperson: Dr. Milind Kirtane
- 30th April, 2014- MLT
- Dr. M. D. Motashaw Oration delivered by Dr. Sagar Nigwekar on "Vascular Calcification in Kidney Disease: Novel Approaches for an Age-old Problem". Chairpersons: Dr. Ashok Kriplani, Dr. Alan Almeida
- 13th August, 2014- MLT Dr. Ivan Pinto Oration delivered by Dr. Bharat Dalvi on ""Non-surgical Correction of Congenital Heart Disorders: A viewpoint from the developing world". Chairpersons: Dr. Sushil Muni, Dr. Hema Kulkarni
- Dr. V. N. Bagadia Oration delivered by Dr. R. Srinivasa Murthy on "New Understanding of Brain" Chairpersons: Dr. Manilal Gada, Dr. Vihang Vahia

The year also saw the sad demise of two inimitable alumni members and giants in their respective fields -GAA noted with deep regret the passing away of Dr. VN Acharya, pioneer nephrologist of India and a brilliant and compassionate clinician and teacher of GSMC & KEMH. Her contribution to nephrology in particular and to the Alma mater in general have been monumental.

A resolution of condolence on the sad demise of Professor Dr. M. L. Kothari, Former Head of Department of Anatomy, Seth G.S Medical College & K.E.M Hospital, who left for his heavenly abode on October 16th, 2014 was passed. The members of the GOSUMEC ALUMNI ASSOCIATION of Seth GS Medical College & KEM Hospital, paid homage to the departed soul of Dr. Manu Kothari and expressed deepest sympathy to his bereaved family over their irreparable loss. Dr M.L Kothari will be remembered with fondness and gratitude!

## Institutional Ethics Committees

### Activities

A total of thirty nine meetings (12 full board meetings, 1 SOP training meeting, 2 emergency meetings and 24 SAE Subcommittee meetings) were held in the year 2014.

A total of 9 pharmaceutical sponsored projects, 5 government sponsored projects, 63 other academic projects and 106 thesis / dissertations were submitted to the IEC-I for initial review during the year.

Year 2014	Projects Reviewed	Under Process	Approved	Rejected	Disposed
Pharmaceutical sponsored projects	9	6	3	-	
GOVT sponsored projects	5	4	1	-	
Thesis	106	20	83	1	2
Other Academic	63	31	29		3
Total Reviewed Projects	183	61	116	1	5

### In regards to sponsored studies:

	Year 2014	PHARMA	GOVT
I	Total no. of projects reviewed by IEC-I	9	5
II	Total ongoing projects	3	1
III	Type of study		
	Phase III	8	-
	Phase III B	1	-
	NA	-	5

	Departments	PHARMA	GOVT	Thesis	Other Academic
1.	Anaesthesia	-	-	8	5
2.	Cardiology	1	-	-	2
3.	Clinical Pharmacology	2	-	-	4
4.	Chest Medicine	-	-	1	-
5.	Dermatology	-	-	1	1
6.	Endocrinology	-	-	-	3
7.	ENT	-	-	1	-
8.	Forensic Medicine	-	-	1	-
9.	Gastroenterology	-	1	-	3
10.	General Surgery	1	1	3	2



	Departments	PHARMA	GOVT	Thesis	Other Academic
11.	Hematology	1	-	-	-
12.	Medicine	-	1	10	-
13.	Microbiology	-	-	2	3
14.	Neuro surgery	-	-	-	1
15.	Neonatology	-	-	-	2
16.	Nephrology	-	-	-	4
17.	Nuclear medicine	-	-	1	1
18.	Obstetrics and Gynaecology	1	2	8	2
19.	Orthopaedics	-	-	5	-
20.	Ophthalmology	3	-	1	-
21.	OT	-	-	4	-
22.	Pathology	-	-	11	3
23.	Paediatrics	-	-	13	1
24.	Plastic Surgery	-	-	-	5
25.	Psychiatry	-	-	3	4
26.	PSM	-	-	8	8
27.	Pharmacology & Therapeutics	-	-	2	5
28.	Physiology	-	-	3	4
29.	PT	-	-	13	-
30.	Radiology	-	-	4	-
31.	Surgical Gastroenterology	-	-	1	-
32.	Transfusion Medicine	-	-	1	-
33.	Urology	-	-	1	-
	<b>TOTAL Reviewed</b>	<b>9</b>	<b>5</b>	<b>106</b>	<b>63</b>

**Serious Adverse Events:**

	Particulars		PHARMA	GOVT	OA	Thesis
1	Total no. of SAE at our site:	Initial report	3	-	-	-
		Follow up report	5	-	-	-
		causality	-	-	-	-
2	Total no. of death		-	-	-	-
3	Our site late reporting (after 24 hours)		-	-	-	-
4	Responses (query) from	Query letters sent	8	-	-	-
	EC regarding our site SAEs	Noted letters sent	17	-	-	-
7	Total no. of Adverse Events (AE) reported		-	-	-	-
8	Total no. of SUSAR/CIOMS reported:		1877	-	-	-

## Status of the ongoing sponsored projects of IEC-I as on 19th December 2014

- 1 pharmaceutical sponsored project submitted in the Year 2001 is ongoing.
- 1 government sponsored project submitted in the Year 2004 is ongoing
- 1 pharmaceutical sponsored project submitted in the Year 2005 is ongoing
- 2 government sponsored projects submitted in the Year 2007 are ongoing
- 1 pharmaceutical sponsored project submitted in the Year 2008 is ongoing
- 4 government sponsored projects submitted in the Year 2009 are ongoing
- 3 pharmaceutical and 2 government sponsored projects submitted in the Year 2010 are ongoing
- 9 pharmaceutical and 7 government sponsored projects submitted in the Year 2011 are ongoing
- 5 pharmaceutical and 4 government sponsored projects submitted in the Year 2012 are ongoing
- 8 pharmaceutical and 8 government sponsored projects submitted in the Year 2013 are ongoing

## Constitution of the IEC-I as on 19th December 2014

### Member list of Institutional Ethics Committee - I (IEC-I)

	Name	Position on IEC I	Designation & Affiliation	Qualification	Gender
1.	Dr. Jigeeshu V. Divatia	Chairperson (External)	Professor and Head, Anesthesiology, Tata Memorial Hospital, Mumbai.	M.D.	M
2.	Dr. Vikram Londhey	Co-Chairperson (External)	Associate Professor (Medicine & Rheumatology Clinic) TNMC & BYL Nair Charitable Hospital, Mumbai.	M.D.	M
3.	Dr. Shruti Bhide	Member Secretary	Associate Professor (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
4	Mrs. Sadhana Bhatkhande	Alternate Member (Social Scientist)	Medical Social Worker (Psychiatry) GSMC & KEMH	M.A. (in social work), Masters in counseling and Psychotherapy.	F
5	Dr. Smrati Bajpai	Member	Assistant Professor (Medicine) GSMC & KEMH	M.D., DNB.	F
6	Dr. Anahita Chauhan	Member	Professor (Additional) (Obstetrics & Gynecology) GSMC & KEMH	M.D.	F
7	Mrs. Manisha Naik Dalal	External Layperson	-	M.Com	F
8	Dr. BibhasDas Gupta	Member	Professor (Orthopedics)GSMC & KEMH	M.S.	M
9	Dr. AparnaDeshpande	Member	Professor, (Surgery) GSMC & KEMH	M.S, D.N.B.E F.I.A.G.E.S	F
10	Dr. Yuvaraj B. Chavan	Member	Professor (Additional) (Preventive and Social Medicine) GSMC & KEMH	M.D.	M
11	Dr. Arpit Sharma	Member	Assistant Professor (ENT) GSMC & KEMH	M.S., DORL, D.N.B	M

	Name	Position on IEC I	Designation & Affiliation	Qualification	Gender
12	Dr. Subodh Sirur	(External Legal Expert)	Consultant, Dermatology & Venerology, Mahatma Gandhi Memorial Hospital, Mumbai	MBBS, DVD, LLM	M
13	Dr. Urmila Thatte	Member	Professor & Head (Clinical Pharmacology) GSMC & KEMH	M.D., DNB., Ph.D.	F
14	Dr. Raakhi Tripathi	Member	Associate Professor (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
15	Mrs. Chhaya Verma	Member	Professor (physiotherapy) GSMC & KEMH	MPTth	F

#### Activities of the IEC-II in the year 2014

- A total of thirteen meetings (12 full board meetings, 1 SOP training meeting) were held in the year 2014.
- A total of 9 pharmaceutical sponsored projects, 5 government sponsored projects, 64 other academic projects and 105 thesis/ dissertations were submitted to the IEC-II for initial review during the year.

#### Activities of the IEC-II in the year 2014

Year 2011	Total reviewed projects	Under Process	Approved	Rejected	Terminated	Disposed
PHARMA	9	7	1	-	-	1
GOVT	5	4	1	-	-	-
Thesis	105	17	88			
Other Academic	64	31	28			5
Total	183	59	118			6

#### Status of the ongoing sponsored projects of IEC-II as on 19th December 2014

- 2 out of 8 pharmaceutical sponsored projects submitted in the Year 2013 are ongoing
- 2 out of 5 government sponsored projects submitted in the Year 2013 are ongoing

#### Status of the ongoing academic projects as on 31st December 2012

- 2 Thesis projects submitted in the Year 2007 are ongoing.
- 1 Thesis and 1 other academic project submitted in the Year 2008 are ongoing.
- 13 thesis and 62 other academic projects submitted in the year 2010 are ongoing.
- 3 thesis and 56 other academic projects submitted in the year 2011 are ongoing.
- 160 thesis and 57 other academic projects submitted in the year 2012 are ongoing.
- 114 thesis and 63 other academic projects submitted in the year 2013 are ongoing.

*Projects reviewed*

	Year 2014	PHARMA	GOVT	
I	Total no. of projects reviewed	9	5	
II	Total ongoing projects	1	1	
III	Type of study	Phase I	-	-
		Phase II	1	-
		Phase II / III	1	-
		Phase III	3	-
		Phase IV	2	-
		Bioequivalence	1	-
		NA	1	5

	Departments	PHARMA	GOVT	Thesis	Other Academic
1.	Anatomy	-	-	1	1
2.	Anaesthesia	-	-	16	3
3.	Biochemistry	-	-	-	1
4.	Cardiology	-	-	-	2
5.	Clinical Pharmacology	1	1	-	1
6.	Chest Medicine	-	-	3	1
7.	Dermatology	1	-	2	4
8.	Endocrinology	1	-	-	2
9.	ENT	-	-	3	-
10	Forensic Medicine	-	-	1	-
11	Gastroenterology	1	-	-	4
12	General Surgery	-	-	5	2
13	Infection diseases	-	-	-	1
14	Medicine	1	3	8	1
15	Microbiology	-	1	4	3
16	Neurology	1	-	-	-
17	Nephrology	-	-	-	5
18	Neonatology	-	-	-	5
19	Obstetrics and Gynaecology	1	-	3	1
20	Orthopaedics	-	-	6	1
21	Ophthalmology	1	-	2	-
22	OT	-	-	5	3
23	Pathology	-	-	6	1
24	Paediatrics	-	-	8	-

	Departments	PHARMA	GOVT	Thesis	Other Academic
25	Plastic Surgery	-	-	-	2
26	Psychiatry	-	-	2	7
27	PSM	-	-	10	6
28	Pharmacology & Therapeutics	1	-	1	4
29	Physiology	-	-	2	1
30	Physiotherapy	-	-	10	1
31	Radiology	-	-	6	-
32	Surgical Gastroenterology	-	-	-	1
33	Transfusion Medicine	-	-	1	-
	<b>Total Reviewed</b>	9	5	105	64

### *Constitution of IEC-II*

	Name	Position on IEC II	Designation & Affiliation	Qualification	Gender
1.	Dr. Kamal Hazari.	Chairperson External	(Former Sr. Deputy Director - NIRRH - ICMR (Mumbai)	M.D,D.G.O, DFP	F
2.	Dr. Kaizad Damania.	Co -Chairperson (External Scientific Expert)	Professor (Obstetrics & Gynaecology) N. Wadia Maternity Hospital	M.D.,D.NB., F.C.P.S.,D.G.O., D.F.P.	M
3.	Dr. Sharmila Jalgaonkar	Member Secretary	Assistant Professor (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
4.	Mr. Hemant Nandgaonkar	Joint Member Secretary	Assistant Professor (Occupational Therapy) GSMC & KEMH	M.Sc.	M
5	Dr. Shilpa Adarkar	Member	Assistant Professor, (Psychiatry) GSMC & KEMH	M.D.	F
6	Dr. Mohan Desai	Member	Professor (Orthopedics) GSMC & KEMH	M.S, MCPS	M
7	Mrs. Manju Manda	Member (External Layperson)	Section officer Railways	B.Sc. Pharmacy	F
8	Dr. Milind Nadkar	Member	Professor, (Medicine) GSMC & KEMH	M.D., FICP	M
9	Dr. Sweta Salgaonkar	Member	Professor (Anesthesiology) GSMC & KEMH	M.D.	F
10	Dr. Padmaja Samant	Member	Professor, (Obstetrics & Gynaecology) GSMC & KEMH	Professor, (Obstetrics & Gynaecology) GSMC & KEMH	F
11	Dr. Yashashri Shetty	Member	Associate Professor (Pharmacology & Therapeutics) GSMC & KEMH	M.D., DBM.	F
12	Dr. DN Shenvi	Member	Professor (Physiology) GSMC & KEMH	M.D.	F

	Name	Position on IEC II	Designation & Affiliation	Qualification	Gender
13	Mrs. Sushma Singh.	Member (External legal Expert)	-	B. Pharm. LL.B. LL.M Certificate in Alternative Disputes Resolution (ADR)	F
14	Dr. Pradeep Vaideeswar	Member	Associate Professor Pathology	M.D.	M
15	Dr. NileshThakre.	Member (External Social Scientist)	Assistant Professor, Psychology, SNDT Women's University, Mumbai.	Ph.D. Psychology, M.A (Industrial & Business Psychology), M.I.R.P.M., M.A. (Clinical Psychology), N.E.T in Psychology, PGDIP, Dip TD.	M

### Alternate Members of IEC-I & II

1	Dr. PradnyaTalawdekar	Alternate Member (External legal Expert)	Project Manager, Ojus Medical Institute, The Tulip Star, Juhu Tara Road Juhu, Mumbai.	B.A.M.S., L.L.M.	F
2	Dr. SadhanaMahashabde.	Alternate Member (External legal Expert)	Advocate High Court	B.Sc., LLB, LL.M, PhD.	F
3	Mr. YatinKhochare	Alternate Member (External legal Expert)	Advocate, Bar Council of Maharashtra & Goa. (Practice areas: Drugs & Cosmetics, healthcare, food laws & others)	B.Sc., L.L.B., Dip in Medical Jurisprudence and forensic science.	M
4	Mrs. Sharmila Kher	Alternate Member (External Layperson)		M. SC. Part 1 (Biotechnical science), Dip. In Journalism, PGDHA	F
5	Mrs. Sameena Maldar.	Alternate Member (External Layperson)	-	S.Y.B.A.	F
6	Ms. NiveditaChalill	Alternate Member (External Social Scientist)	-	M.A., Ph.D., M.Phil in social work, B.Sc (Occupational Therapy), PG Dip in Guidance & Counseling.	F
7.	Dr. Helen Joseph	Alternate Member (External Social Scientist)	-	M.S.W., M. Phil., Ph.D.	F

### *IEC-I & II Office bearers*

IEC-I	IEC-II
Mrs. Janhavi Katkar, Administrative Manager (nayanvkatkar@gmail.com)	
Direct no.: 24122188	
Mr. Shyam Tawde, Deputy Manager	Ms. Deepika Paradkar, Deputy Manager
Ms. Manali Vengurlekar, Senior Executive Assistant	Ms. Shweta Surve, Senior Executive Assistant
Ms. Prajakta Auti, Executive Assistant, SAE Subcommittee	
Mr. MangeshKhochade, Office Attendant	Mr. Naresh Bhawale, Office Assistant
Contact details: Email : iec-1@kem.edu, iec-2@kem.edu, Direct no.:24122188	

## *Significant achievements and activities of the IEC-I & II in the year 2014*

### *Training programs organized by IECs:*

- Organized half day Workshop for investigators on "Good Clinical Practice" for investigators on 13th May 2014 at Seminar Hall of Dept. of Clinical Pharmacology of Seth G. S. Medical College and K. E. M. Hospital, Mumbai, Maharashtra.
- Organized half day Workshop for investigators on "Good Clinical Practice" for investigators on 25th June 2014 at MET cell college building of Seth G. S. Medical College and K. E. M. Hospital, Mumbai, Maharashtra.
- Organized half day Workshop for investigators on "Good Clinical Practice" for investigators on 22nd July 2014 at MET cell college building of Seth G. S. Medical College and K. E. M. Hospital, Mumbai, Maharashtra.

### *Publication related to research ethics in scientific journals*

- SS Kuyare<sup>1</sup>, PA Marathe<sup>2</sup>, YC Shetty<sup>2</sup>, SK Kamat<sup>2</sup>, JV Katkar<sup>3</sup>, UM Thatte<sup>4</sup> "A retrospective analysis of the queries raised by the institutional ethics committees of a teaching hospital". J Postgrad Med [serial online] 2014[cited 2014 Nov 10];60:46-50. Available from: <http://www.jpgmonline.com/text.asp?2014/60/1/46/128808>
- Shetty YC, Jadhav KS, Saiyed AA, Desai AU. Are institutional review board ready for active continuing review?. *Perspect Clin Res* 2014;5:11-5.
- Shetty YC, Saiyed AA. Analysis of warning letters issued by the United States Food and Drug Administration to Clinical Investigators, Institutional Review Boards and Sponsors: A retrospective study". *J Med Ethics* 2014;0:1-6. doi:10.1136/medethics.2013.101829
- Patwardhan S, Gogtay NJ, Thatte U, Pramesh CS. Quality and completeness of data documentation in an investigator-initiated trial versus an industry-sponsored trial. *Indian J Med Ethics*. 2014 Jan-Mar;11(1):19-24.
- Kuyare MS<sup>1</sup>, Taur SR<sup>2</sup>, Thatte UM Establishing Institutional Research Ethics Committees: Challenges and Solutions - A Review of Literature. *Indian Journal of Medical Ethics*, 2014

### *National Surveyor*

- Dr. Y.C. Shetty participated as 'National Surveyor' in International Course on Surveying and Evaluating Ethical Review Practices, National Institute for Research in Reproductive Health (NIRRH), Mumbai, India along with the lead surveyor Dr Paul kumaran and Dr. Sangeeta Desai with Christina Torres (FERCAP coordinator) and Dr Vasantha Muthuswamy (FERCI coordinator) held from 11th to 14th August 2014

## **Journal of Postgraduate Medicine**

The Journal maintained its high standards during the year. The article acceptance rate was 8%. There are 7683 reviewers and 9295 registered authors. The new introductions were ahead of print articles and an obituary section. The Editor is Dr Nithya Gogtay, Associate Editors are Dr Sunil Karnade and Dr Milind Tullu and Assistant Editors are Dr Shilpa Sankhe, Dr Shirish Joshi and Dr Praveen Iyer.

## **Medical Education Unit**

The Medical Education Unit of Seth GS Medical College & KEM Hospital was upgraded on 7th October 2014 as Advanced Centre for Medical Education and Research (ACMER) in an inauguration ceremony of 1st MCI Advance Course in Faculty Development. The centre was inaugurated by Dr V.P. Mishra, Chairman, Academic Committee, Medical Council of India.



### *Activities*

The ACMER conducted Basic Courses in Medical Education Technology at GSMC-KEMH-MCI Nodal Centre. A fellowship program 'GSMC-FAIMER Regional Institute' was conducted in collaboration with Foundation for Advancement in Medical Education and Research (FAIMER) ECFMG, Philadelphia USA to create educational leaders and bring about curricular change.

### *GSMC-KEMH MCI NODAL CENTRE*

Courses conducted at the GSMC-KEMH-MCI Nodal Centre- The Fifteenth, Sixteenth, and Seventeenth Basic course on 'Medical Education Technology' were conducted by the GSMC-MCI Nodal Centre as a part of faculty development programmes in March 2014 (5th to 7th and 19th to 21st ), and in December 2014 (3rd to 5th ) respectively.

15th MCI Basic Course- The "Fifteenth MCI Basic Course in Medical Education Technology" was conducted by the GSMC- KEMH-MCI Nodal Centre as a part of Faculty development programme. The participants were from the medical institutions in Maharashtra. A total of 32 participants registered. Of these, 18 were from Mumbai (other than GSMC), 1 was from Nanded and the remaining 13 were from the parent institute (Seth GS Medical College and KEM Hospital). The designations were as follows: Professor & Head – 3, Professor – 1, - Associate Professor - 6 and Assistant Professor – 22. Five were from preclinical disciplines, 9 from para-clinical and 18 were from clinical disciplines.

16th MCI Basic Course -The "Sixteenth MCI Basic Course in Medical Education Technology" was conducted by the GSMC- KEMH-MCI Nodal Centre as a part of Faculty development programme. The participants were from the medical institutions in Maharashtra. A total of 43 participants registered. Of these, 25 were from Mumbai (other than GSMC), 1 from Aurangabad, 3 were from Gujarat and the remaining 14 were from the parent institute (Seth GS Medical College and KEM Hospital).The designations were as follows: Professor & Head – 5, Professor – 5 , - Associate Professor - 7 and Assistant Professor – 26. Twelve were from preclinical disciplines, 14 from paraclinical and 17 were from clinical disciplines.

17th MCI Basic Course -The "Seventeenth MCI Basic Course in Medical Education Technology" was conducted by the GSMC- KEMH-MCI Nodal Centre as a part of Faculty development programme. The participants were from the medical institutions in Maharashtra. A total of 30 participants registered. Of these, 24 were from Mumbai (other than GSMC), 6 were from Gujarat and the remaining 14 were from the parent institute (Seth GS Medical College and KEM Hospital).The designations were as follows: Professor & Head – 2, Professor – 2, - Associate Professor - 10 and Assistant Professor – 16. One was from preclinical disciplines, 6 from paraclinical and 22 were from clinical disciplines.

1st MCI Advance Course -The "First MCI Advance Course in Medical Education Technology" was conducted by the GSMC- KEMH-MCI Nodal Centre from 7th October 2014 to 10th October 2014.The participants were from the medical institutions in Maharashtra, Gujarat and Lucknow. A total of 29 participants had registered for the course. Of these, 5 were from Mumbai, 3 from Navi Mumbai, 5 from Thane, 6 from Pune, 2 from Loni, 1 from Ahmednagar, 3 from Gujarat and 4 from Lucknow.

### *Courses conducted at the institutions affiliated to the Nodal Centre*

GSMC-KEMH MCI- Nodal Centre has 14 colleges affiliated to it: 10 from Mumbai and Navi Mumbai, 2 colleges from Aurangabad, 1 college each from Dhule and Valsad. This year 2 more institutions have been affiliated to the Regional Centre: 1. ESI Post Graduate instituted Medical Science & Research Mahatma



Gandhi Memorial Hospital, Parel Mumbai and 2. ESI-PGIMSR, ESI Hospital, Andheri. So total 16 medical institutions are affiliated to our Centre. The faculty from these institutions have attended the MCI Basic Course in Medical Education Technology.

#### *GSMC Faimer Regional Institute*

The Tenth GSMC FAIMER Regional Institute programme was conducted at Seth G S Medical College & KEMH, Mumbai from 2nd June to 11th June 2014. A total of sixteen fellows from all over India and Middle East countries participated in the programme. The FAIMER faculty namely

Ms. Mary Beth inaugurated the programme. The programme module consisted of different sessions on Starting the Journey (Suhasini Nagda, Dr. Yuvaraj Bhosale, Ashwini Karve), Group Dynamics (Dr. Yuvaraj Bhosale, Ashwini Karve), FRI Learning (Dr. Sucheta Dandekar, Dr. Praveen Iyer), Interactive teaching (Dr. Sucheta Dandekar, Ms. Mary Beth, Dr. Sujata Kanhere, Dr. Varsha Phadke), Student Assessment (Dr. Henal Shah, Dr. K. Shyamkishor) and Workplace based assessment (Dr. Praveen Iyer, Dr. Ashwini Karve, Gaurang Baxi), Change Management (Dr. Sucheta Dandekar, Dr. Henal Shah), Conflict Management (Dr. Shubhangi Parkar, Dr. Yuvaraj Bhosale), One minute preceptor (Dr. Shubhangi Parkar, Dr. Munira Hirkani) were conducted by national and international faculty of GSMC FAIMER Regional Institute. The sessions on Distance Learning (Dr. Bipin Patra, Dr. Hemant Damale), GTP: Giving feedback (Dr. Nirmala Rege, Ms. Mary Beth, Dr. Munira Hirkani) and Educational Research (Dr. Nirmala Rege, Dr. Munira Hirkani, Dr. Praveen Iyer), Educational scholarship (Dr. Thomas, Dr. Payal Bansal and Dr. Avinash Supe), Managing the monkey (Dr. Sucheta Dandekar, Dr. Henal Shah) and Curriculum planning (Dr. Vivek Savaji, Dr. Nirmala Rege, Dr. Avinash Supe) were also very well appreciated. There was an interactive session of 2013 and 2014 batches. Communication skills workshop was conducted by Mary Beth, Dr. Anshu Gupta, Dr. Sucheta Dandekar & Dr. Santosh Salagre.

This year GSMC FAIMER celebrated completion of 10 years. The celebration ceremony along with convocation for fellows of 2012 was held at Hall of Culture, Nehru Centre, Worli, The FAIMER alumni, faculty of the regional institute and were invited for the programme. Hon'ble Vice Chancellor, MUHS, Dr. Arun Jamkar was the chief guest. Dr. Snehalata Deshmukh, Ex-Vice Chancellor, Mumbai University and Dr. Suhasini Nagda, Director, ME & MH, and Dean, Nair Dental College were the guests of honour. Dr. NN Rege and Dr. Praveen Iyer presented the journey of change of the GSMC-FAIMER Regional Institute in the beginning. After the 'Reflections' of Dr. Suhasini Nagda regarding the programme the book, "Celebrating 10 years of Professional Development" was released by Dr. Snehalata Deshmukh followed by her address. Hon'ble Vice Chancellor, MUHS, Dr. Arun Jamkar released the CD, "Celebrating 10 years of GSMC FAIMER Regional institute" and felicitated the faculty of Regional institute. He delivered the convocation address and distributed the graduation certificates to fellows of 2014. The programme ended with the nostalgic presentation by Dr. Sucheta Dandekar and Dr. Chinmay Shah which narrated various glimpses of the GSMC-FAIMER Regional Institute from 2005-2014. The alumni in festive mood celebrated the rest of the evening over a delicious dinner.

#### *ACMER Members as Guest Faculty*

- Dr. K. Shyamkishore, Dr. Yuvaraj Bhosale & Dr. Praveen Iyer conducted sessions on 'Assessment' as invited guest faculty at MCI basic course on Medical Education Technology at NDMVP Nashik, on 15th February 2014.
- Dr. K. Shyamkishore, Dr. Yuvaraj Bhosale conducted a workshop on "MCQ formulation & Item Analysis" as invited guest faculty at Krishna Institute of Medical Sciences, Karad on 22nd September 2014.
- Dr. K. Shyamkishore, Dr. Yuvaraj Bhosale, Dr. Praveen Iyer conducted a workshop on 'Measurement &

- Evaluation' as invited faculty at Krishna Institute of Nursing Sciences, Karad on 13th November 2014.
- Dr. Yuvaraj Bhosale conducted a session on Conflict Management, Dr. Praveen Iyer conducted a session on Communication Skills and Dr. K Shyamkishore conducted a session on Integrated Teaching as invited faculty at Krishna Institute of Nursing Sciences, Karad on 14th November 2014.
  - Dr. NN Rege was a faculty for a preconference workshop entitled, "Curriculum Review and Planning towards Transformative Health professions Education" held during NCHPE 2014, held at Sevagram Wardha (24th -27th September) on 25th September 2014.
  - Dr. Sucheta Dandekar was a faculty for a preconference workshop entitled, "Engage your learners: Promote Active and Deep Learning in Your Large Classes " held during NCHPE 2014, held at Sevagram Wardha(24th -27th September) on 25th September 2014.
  - Dr. Sucheta Dandekar was a faculty for a preconference workshop entitled, " Integrated teaching"and talk on case based learning held during ACBICON 2014, held at on 9th -13th December 2014.
  - Dr. Sucheta Dandekar was a faculty for a conducted a workshop on "Early Clinical Exposure" held at SERAME, Colombo, Sri Lanka (9th -13th Nov 2014).
  - Dr. Sucheta Dandekar was a guest faculty at PSG-FAIMER, Coimbatore conducted a session on " Distance learning, Interactive teaching, Microteaching" April 2014.

#### *Workshop of Resident Doctors in Medical Education Methodology*

A workshop titled 'Resident as a Teacher - Basic Workshop in Educational Methodology' designed by the Institute of Medical Education Technology and Teachers' Training, MUHS Regional Centre Pune was conducted on 24th & 25th July 2014 from 8.30am to 5.30pm in the ACMER Conference Room, College Terrace, Seth G. S. Medical College Building.

#### *Workshop conducted by Guest Faculty*

Dr. Jeremy Hill, guest faculty from the United Kingdom conducted two workshops on 30th September 2014. In the morning workshop was held for the UG & PG students on Clinical Consultations and Doctor-Patient Communications, while the afternoon sessions were for only for teachers and covered topics like Communication Skills & Teaching Techniques. The morning workshop was attended by 41 students along with 13 faculty members. Thirty faculty members of the institution attended the afternoon workshop.

#### *NCHPE 2014 - at Sevagram*

- Following members from Seth GS Medical college attended the conference: Dr. Nirmala Rege, Dr. Sucheta Dandekar, Dr. Praveen Iyer, Dr. Munira Hirkani, Dr. Santosh Salagre, Dr. Raakhi Tripathi and Dr. Lalita Chandan.
- Dr. Nirmala Rege and Dr. Sucheta Dandekar were invited as the guest faculty for conducting pre-conference workshop.
- Following members were the facilitators for the thematic poster sessions: Dr Sucheta Dandekar, Dr. Munira Hirakani, Dr. Praveen Iyer, Dr Nirmala Rege.
- Following papers were presented:  
Lalita Chandan: Does structured clinical skills training really make a difference? An objective assessment.  
Santosh Salagre, Shobha Itollikar: Structuring clinical training during early clinical exposure for undergraduate medical students.  
Raakhi Tripathi, Pankaj Sarkate, Sharmila Jalgoankar, Nirmala Rege: Promoting competency in ADR reporting through a module for II MBBS students.

## Research Society

- The office bearers and executive committee member of Research Society is as follows:
- Hon. President: Dean Dr. S R Parkar
- Hon. Vice President: Dr. Manjula Sarkar
- Hon. General Secretaries: Dr. C Sathe, Dr. N.Sawant
- Hon. Treasurer: Dr. M. G. Karmarkar
- Executive Committee members: : Dr. S Ravat, Dr. RR Shinde, Dr. L Rajgopal, Dr. L Chandan, Dr. R Tripathi, Dr. K Yelve, Dr. J Kale, Dr. B Mhatre

Grants: Rs. 50000/- grant sanctioned for following projects

2013 -2014 second half		
1	Dr. Mohan Karmarkar Prof. Microbiology	Characterization of virulence factors in B-hemolytic streptococcal isolates from pyoderma & pharyngitis patients through multiplex PCR.
2	Mrs. M P Jiandani AP - PT	Effect of inspiratory muscle training on exercise capacity, quality of life and FEV1 in COPD patients.
3	Dr. Sweta Salgaonkar Prof. Anesthesia	Comparative study of EzPAP Vs Incentive spirometry in recovery of pulmonary function following general anesthesia
4	Dr. Madhav Sathe Addl Prof. Microbiology	Newer approaches to tackle antibiotic resistance in enterococci in-vitro

Following 6 research projects selected for funding grants of Rs.50000/-on the basis of merit.

Sr. No.	Department	Title of Project
<b>2014-15 First Set</b>		
1	Dr. Shobna Bhatia HOD, Gastroenterology	Study of predictive factors and clinical implication of deep mucosal healing inflammatory bowel disease.
2	Dr. Urmila Thatte HOD, Clinical Pharmacology	A case-control study to assess the prevalence and association of different paraoxonase 1(PON-1) polymorphisms and its activity with Coronary Artery disease (CAD)
3	Dr. Sanket Raut Assit. Prof, Pharmac	Experimental study to evaluate the effect of piclamilast on spatial memory
4	Dr. Yashashri Shetty Assit Prof. Pharmac	A study of effect of Indian Medicinal plants on fertility and maintenance of pregnancy in fertile female Wistar rats.

Sr. No.	Department	Title of Project
		2014-15 First Set
5	Dr. Supriya Paranjpe Assit Prof. Microbiology	Occult HBV infection in multitransfused patients.
6	Dr. N. Ingole Microbiology	Microbiological profile of diarrhea in children less than 2 years

Following 4 research projects selected for funding grants of Rs.50000/-on the basis of merit.

2014-15 second Set		
1	Dr. RR Shinde HOD, community Medicine	Assessment of a Group based comprehensive diabetes management program to improve glycemic control, quality of life and self care behavior in patients with type 2 diabetes mellitus in a primary care setting of a metropolitan city: A Randomized controlled trial
2	Dr. Shirish Joshi Addl. Prof, Pharmacology	Evaluation of antiepileptic effect of S-adenosyl methionine and Nardostachys jatamansi and its role in memory impairment in pentylenetetrazole induced kindling model in rats.
3	Dr. A R Pazare HOD, Medicine	To study the prevalence of metabolic syndrome after initiation of anti-retroviral therapy and comparison of Zidovudine vs Tenofovir based regimens
4	Dr. Raakhi Tripathi, AP Pharmacology	Evaluation of effect of Minocycline in alcohol induced withdrawal anxiety and alcohol deprivation in animal models of alcohol relapse

## Ongoing projects

Sr. No	Department	Title of Project	Sponsors Name
1	Cardiology Dr. P. G. Kerkar Prof. & Head	TAO Study	Sanofi-synthelabo I Ltd
		AFib Registry	HDFC Bank Ltd (Sciformix Technologies PL)
		CHF Study: Novartis trial	Novartis Healthcare Pvt, Ltd
		Accelerate study	Covonce I Pharmaceutical services ltd
		Seraphin study	Chiltern International Pvt. Ltd
		EPICOR-Asia Study	Max Neeman Med. International Ltd
		TIMI Trial	AstraZeneca Pharma India Ltd
		Odyssey study	Covonce I Pharmaceutical services ltd
		Educational Grant	India Medtronic Pvt. Ltd.
2	Neurology Dr. S.H.Ravat Prof. & Head	Brivaracetan Study	PPD Pharma Develop. India
		Biogen PRA Study	PRA International
		UCB PRA Study	PRA (UK) Ltd
3	Psychiatry Dr. Ajita Nayak Prof. & Head	Protocol Cn162010	Bristol Myers Squibb I P.Ltd

## Staff Society

Executive Committee members and office bearers

Office bearers:	President	Dean Dr. SR Parkar
	Vice President	Dr. Amita Joshi-Pathology
	Hon. Secretary	Dr. Mridula Solanki -PSM
	Hon.Jt. Secretary	Dr. Aparna Deshpande- Surgery
	Editor JPGM	Dr. Nithya Gogtay- Clinical Pharmacology
	Treasurer	Dr. Ameet Fadia-Physiology

Executive Committee Members: Dr. Rashmi Patil-Anatomy, Dr. Surekha Prabhu- Biochemistry, Dr. Tejal Patel-Pharmacology, Dr. Siddharth Deshpande -Clinical Pharmacology, Dr. Harish Pathak- Forensic Medicine, Dr. Kranti Kadam-Psychiatry, Dr. Saroj Sahadev-Ophthalmology, Dr. Deepa Kane-Anesthesia, Dr. Neelam Redkar- Medicine, Dr. Atul Dongre- Skin & VD, Dr. Tukaram Jamale- Nephrology, Dr. Hetal Marfatia-ENT, Dr. Surendar Bava, Dr. Meena Satia-Obst. & Gynac, Mrs. Jaimala Shetye-PT

*Monthly Scientific Meetings: PG paper/poster presentation:*

185th Meeting held on 20th August 2014: PG Papers presentation from the departments of Psychiatry & Anesthesia. Judges: Dr. Chhya Verma, Prof. Department of Physiotherapy & Dr. Santosh Salagre - AP.

Department of Medicine. Best paper Award: Dr. Rahul Bagal, Dr. K Kadam, Dr. SR Parkar, Dr. S Raikar, Psychiatry Department. Title: "To study the age of recognition of symptoms and their correlates in childrens diagnosed with autistic spectrum disorders: A Retrospective study" Dr. Rahul Bagal, Dr. K Kadam, Dr. SR Parkar, Dr. S Raikar, Psychiatry Department.

#### *Guest lectures:*

- 182nd Meeting held on 21st February 2014: Guest lecture by Mrs. Pradnya Gokhale accompanied by Ms Nilima Tambe on A musical experience on the topic of Death titled "Mrutyu sarvang Sohala."
- 183rd Meeting held on 20th March 2014: Guest lecture by Group Captain Dr. V V Joshi, Prof in Aerospace Medicine Bangalore on "Aerospace Medicine."
- 184th Meeting held on 24th June 2014: Guest lecture by Dr. Nikhil Latey, Physiotherapist on "Training for Olympic medal- Mary Kom."
- 186th Meeting held on 29th September 2014: Guest lecture by Dr. Jayant Joshi, Microbiologist on "Solid waste management at the household level: our contribution towards eco-preservation".

*Executive Committee Meetings:* 10, Annual General Body Meeting: 1, Annual dinner on Foundation Day: Wednesday, 22nd January 2014: Contributory Annual Dinner organized by the Staff Society with entrainment followed by Games and dinner in College lawn. All the participants of annual dinner were presented keychain with KEM logo printed on it. Mementoes of Seth GSMC & KEMH: Diamond paper weight 60,80mm, Visiting Cardholder, Chair shape Mobile holder-Crystal, Semicircle Cardholder no.1, Rectangle Cardholder no.2, Rectangle Cardholder, Mug with logo & KEM Photo, Cube B50 Paperweight, Sphere-cut Paperweight FBC 50, Ganesh Showpiece UPC 43238, Ganesh- Kalash Showpiece, Pink Ganesh- 2 layered 40mm base Showpiece etc. are made available at reasonable cost for the various programs organized in the institution.

## **Telemedicine**

- The Maharashtra Telemedicine Project was initiated as a collaborative project of Indian Space Research Organization (ISRO), Govt. of Maharashtra (GoM) and Municipal Corporation of Greater Mumbai.
- The project is one of the major initiatives under the National Rural Health Mission (NRHM). The annual budget provided in year 2014 is Rs. 25,34,788/-. The KEM Hospital Telemedicine Center has been connected with Telemedicine Centers at Aheri, Alibaug, Chandrapur, Karad, Kamathe, Nandurbar, Navapur, Ratnagiri, Sindhudurg, Sawantwadi, Satara, Shahapur and Thane through a satellite link & Broadband connection.
- The KEM Telemedicine Center is working as a Specialty Center and its doctors are providing expert advice (all specialties and super-specialties) to patients and doctors from these peripheral centers.

The working of the KEM Telemedicine Center is supervised by the KEM Telemedicine Committee :

Chairperson: Dr. Shubhangi Parkar (Dean in Charge)

Members: [1] Dr. Sandeep Bavdekar, Prof. & HOD, Pediatrics, T.N. Medical College & BYL Nair Hospital.

[2] Dr. Kamakshi Bhate, Additional Professor, Preventive and Social Medicine Department.

[3] Dr. MilindTullu, Additional Professor of Pediatrics.

- The day-to-day working of the Center is carried out by Mr. Sandeep Mehendale, the Facility Manager.
- In the period January 2014 to November 2014, a total of 5,872 patients have derived benefit of expert advice



from specialists of KEM Hospital.

- The disciplines whose opinions have been sought include- anesthesiology, ayurvedic medicine, cardiology, cardio-thoracic surgery, chest medicine, dermatology, dentistry, endocrinology, gastro-enterology, gastro-enterology surgery, general medicine, general surgery, gynecology and obstetrics, hematology, neonatology, neurology, neurosurgery, ophthalmology, orthopedics, otorhinolaryngology, pediatric surgery, pediatrics, plastic surgery and radiology.
- Many departments also use the KEM Telemedicine Centre facilities for scientific lectures and academic communications. Through this program, KEM Hospital and Municipal Corporation of Greater Mumbai are providing their contribution to promotion of health of Maharashtra's rural populace.

## Women's Development Committee

The WDC is established in this hospital since Nov 2006 and comprises of representatives from the various cadres of teaching, non-teaching, nursing, clerical, labour staff and medical students. The new committee was appointed with effect from August 2012. The tenure of the said committee is for 3 years. The office bearers include:

- Dr Shubhangi Parkar ( Dean I/C) - President
- Dr. Neena Sawant - Chairperson
- Dr. Shrikanta Oak (Staff) Member
- Dr. Milind Tullu (Staff) Member
- Dr. Supriya Paranjape (Staff) Member
- Dr. Mridula Solanki (Staff) Member
- Dr. Siddhi Chikhalkar (Staff) Member
- Dr. Rupali Borkar (Staff) Member
- Mrs. Sadhna Bhatkhande ( Social Worker) Member
- Shri Tanay Dixit ( Clerical staff) Member
- Smt. Anjali Amit Kharkar ( Clerical staff) Member
- Smt. Kalpana Gajula ( Nursing Tutor ) Member
- Smt. Arundhati Velhal ( Nursing staff) Member
- Shri Uttam Chaptre (Artist )
- Shri Sanjay Khare ( Class IV ) Member
- Smt. Shantaben Gohil ( Class IV ) Member
- Dr. Rahul Bagal ( PG student ) Member
- Dr. Swaroop Bhatankar ( PG student ) Member

*The WDC is looking after the welfare of women employees and students. It has conducted the following activities this year:*

- 3rd Jan, 2014: Stree brunhahatya book distribution to Secondary BMC schools done at the hands of DMC Education Mr Dhakane in GRC on the occasion of birth celebrations of Smt Savitribai Phule.500 books were donated by WDC.
- 28th Jan,2014 : Haldi Kumkum with a talk on Jewellery Designing with a jewellery exhibition by Mrs Sangeeta Sane.Tremendous response by staff.
- 7th March,2014 (International Women's day):  
Health camp for all women employees in collaboration with depts. Of Surgery, Gynecology, OT/PT, Dentistry and Urology. Well attended by 120 employees with inputs given .
- 11th March,2014 (International Women's day):  
Way To Health Thru' Diet & Fitness: Fitness Mantra By Fitness Guru Leena Mogre.

- 30th June, 2014: Talk on " FITNESS THROUGH ZUMBA " by Life coach and Zumba expert Swetha Jairam Fabulous response with active audience participation.
- 19th August,2014: Workshop on Ha Khel Bhavanancha by psychologist Urmila Sawant from Nair Hospital. Tremendous response by staff and students.
- 18th November.2014: Talk show on "Smart parenting".Guest speakers included Dr Manoj Bhatawdekar ( Psychiatrist),Dr Anjali Bhatawdekar (Pediatrician) and Dr Anuradha Sovani (Clinical psychologist and Counselor). Active participation by audience.



# Support Services



# Support Services

## Dietetics

- Diets were prescribed and counseled to 9576 patients so far. This includes reference of indoor ,outdoor of medical, surgical, pediatric, orthopaedic ,and other speciality units. MICU,SICU,IPCU etc references are also done
- Follow u p of patients on regular basis
- Wide spectrum of diseases like hypertension, diabetes,gastrointestinal, diabetes,gastrointestinal, cardiovascular, renal, PEM, burns, inborn, errors etc are assessed and accordingly oral,enteral or parenteral diets are palnned
- Daily quality checking
- Menu planning as per seasonal vegetables
- Supervision of food preparation and distribution, food tasting
- Daily rounds are taken in AKD Wards, LICU,IRCU,ICCU,CVTS and Chest Medicine departments
- Average number of patients seen per day-30
- Attending the referrals
- Total number of patients seen from the period of January 2009-December 2009 are 10,200
- Diet planning for 8 new cases of inborn errors from pediatric research laboratory
- Ongoing project work with G.I medicine, Endocrine & CVTS departments.

## Engineering (Civil)

- Civil Department in K.E.M. Hospital manages the day to day CIVIL maintenance of Hospital buildings for smooth functioning of Hospital Activities in coordination with various departments.
- In 2014 following major renovation activities are carried out.
  1. Renovation of Old RMO Quarters.
  2. Complete makeover of 79 Bedded EMS with ultramodern facilities.
  3. Renovation of staff Quarters.
  4. Complete renovation of Ophthalmic ENT Departments / Wards.

## Furniture and Linen

- This department includes 1 Head Clerk (Common to diet department),1 clerk,1 clerk,(half day) and 2 hamals.
- All types of linens and some surgical dressing materials are purchased and issued by this department ,which includes doctor's apron, technical staff apron, ward boy's and ayah's clothes are issued. Bed sheets, mattresses and patient's linen are also issued.
- Material is purchased from scheduled contractors which are fixed by furniture & linen committee KEM Hospital through the process of tendering. Ledger books are maintained and records of issue, posting, balance and billing work of purchase is done here.

## General stores

- The general stores is located on 2 nd and 4 th floor of the stores building.
- The working hours are 10:30 -5:30. The general stores play a supportive role in procurement, storage and distribution of items such as X rays, surgical instruments, lab reagents and stationery.
- Items not on schedule are purchased by invitation quotations. It is computerized and has a staff consisting of 1 head clerk, six clerks and 6 hamals.

## Laundry

- It includes 1 head clerk (Common to diet department), 1 clerk, 3 laundry assistants and 7 labour staff. All soiled linen from various wards and theatres are collected and given to municipal power laundry (MPL) and private dhobi's for washing and ironing.
- The linen are then collected and distributed to the respective wards and theaters from where they were received. Record keeping and billing is done on daily basis.

## Library

- Seth G.S. Medical College, Library purchased new Medical Database, 'Clinical key' from Elsevier Co. The previous, 'MD Consult' Medical database have been transformed in to, 'Clinical key'. All the journals from Elsevier Co. including 'clinics on all subjects' will be available online & more than 800 e-books are available online through this Database on Intranet.
- The 'tattle tape' have been fixed to Reference Books at ground floor Library for Library Security System.
- Library Subscribed 162 journals, and purchased 135 books. The online access to all journals was made available to all on Intranet.
- The membership of National Medical Library's ERMED Consortia discontinued by NML.
- Library has access to 51 E-Books available on Ovid Sp. And 228 e-books available on Proquest. Links are available to all books on Intranet.
- Updated Library books' list is available on Webslim on Intranet. Links are given to all online resources of the Library on Intranet webpage, under the broad heading, 'Library Resources'

Following 6 databases have been continued for subscription and Online access to all Databases is available on Intranet.

- a) Clinical key
- b) Proquest Health & Medical Complete
- c) Ovid MD
- d) Acland Anatomy
- e) Up-to-date
- f) Wiley Core collection

### *Donations and Grants*

- Grant of Rs. 99,500/- was received from Govt of Maharashtra & India for Book Bank Section. We purchased 118 books for students and 2 cupboards for keeping books.
- Gosumec Allumini Association has donated Rs. 75,100/-. We have purchased 148 books for YDM Home Lending Section.
- Free Trial access was given to following databases.  
K-hub Medical Database  
Micro Medics Solutions  
EBSCO - Medline Complete  
J Gate
- Independent Scholarly Pub. Group (ISPG) gave a Grant of Rs. 99,500 for Book Bank section, from Govt of Maharashtra for purchase of books for socioeconomically backward students.
- Donation of Rs. 75,100 was received by Gosumec Allumini Association for purchase of 148 books for YDM Home Lending Section.

### *Awards and Honours*

- Library Department has been awarded the "Best Administrative Area for Best Premises"

### *Looking Ahead*

- We have subscribed to more databases such as Clinical Key, Ovid MD, and planning to subscribe Micro medics and more e-books, so that Doctors will get relevant latest information immediately on Intranet. We have arranged following user training programmes for Institutional members. Brochures covering information of Library was circulated among I st MBBS & OT/PT students.
- We have arranged User training programme for the following Database.

- a) Ovid Sp 19.8.14
- b) Clinical key 22.8.14

- It is proposed to purchase an aggregator to access Medical information on one click
- Library has purchased Compactors/ Steel trolley type rackside compactors for keeping bound volumes. It saves the space in the Library and more space is available for reading. Inauguration was done by Dr. Shubhangi Parkar (Dean). Proposal is put up for purchase of steel trolley type racks for the next year.

### **Medical Stores**

- Medical stores play a supportive role in day to day functioning of the hospital, procurement storage and distribution of drugs and medicines. These are procured as scheduled and non scheduled items as per hospital requirement and issue accordingly. The following schedules are used and the total budget is 11.5 crores. The injection and tablet section are fully air conditioned. There is large cold room with the temperature maintained between 2- 8 degree Celsius.
- A total of 9 staff members work in this section.
  - Schedule I: I.V and Injection
  - Schedule II: Tablets and Capsules
  - Schedule III: Syrups and ointments
  - Schedule IV: Contrast Media
  - Schedule V: Drugs, Pharmaceuticals and disinfectant
  - Schedule VI: Laboratory Chemicals, stains, Reagent Solutions.

### **Pharmacy**

- 7900 sterile vials were issued
- 7950 litres of distilled water was issued
- 2181 bottles of distilled water was issued in volume of 500 ml
- 5799 drums were sterilized
- 5800 trays were sterilized
- 11240 E.T.O items were sterilized
- 1130 medicinal items were checked
- 63 linen items were checked
- 52 quotations were checked
- 238 specifications were checked
- 10 complainst were filed

### **Social Service**

- Social service department started on 3rd sept 1954 with 2 professionally trained MSWs under the supervision of AMOs. On 7th april 1994, SSD surfaced as an independent department with senior most social worker as the head of the department. Presently we are the strength of 20 MSWs handling various units covering patients workload of the hospital. Social service department is the integral part of the medical care and the task of the MSW is multifaceted. MSWs help patients to help themselves to meet the crisis,

overcoming it, face the reality, planning social treatment and rehabilitation process through various methods of social work as follows-

- Case work
- Group work
- Community work
- Counseling and rehabilitation
- Discharge of medico-legal case etc

Social service department have acquired donation of approximately 7-8 Crore in PBCF for poor and needy patients medical treatment, surgery etc along with donation in kind in form of

- C-Arm machines
- C-Arm table
- Mini perk
- Oxygen hoods
- Thermomat for operation theatre
- Floor mill, water cooler, TVs to various departments of the hospital.
- SSD also undertakes
- Administrative work like maintaining confidential report of the patients
- Teaching student social workers placed for field work from various schools of social work
- Organizing clinical meetings and in service training of the department.

# Contact Information





## Contact Information

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
<b>Administration</b>				
Avinash Supe	Dean	7700	9820703191	deangsmc@kem.edu
Milind Salve	Deputy Dean	7053	9769363228	
Chetana Kantharia	Deputy Dean i/c			
Ajay Rana	Asst. Dean	7053	9821274483	
P Waghmare	Joint Personal Officer	7032		
Smt. H. Phulsundar	Joint Labour Officer	7048		
Smt. S Chavan	Administrative	7019		
Smt. N Deshmukh	Administrative	7442		
Smt. J Paralkar	Administrative	7442		
Smt. Kundale	Administrative	7434		
Shri Rajesh Kurade	i/c AO GSMC			
Smt. Shilpa Kotwaliwale	Personal Asst. to Dean	7021	9594315044	shilpa.k@kem.edu
Smt. Namrata Dolas	Personal asst. to Dean	7020	9833782108	namrata1dolas@gmail.co
<b>Support Services</b>				
<b>Engineering (Civil)</b>				
Vengurlekar	Asst. Engineer	7454	9619071177	
P.A. Varadkar	Sub Engineer	7454	9892328585	
B.T. Sawant	Sub Engineer	7454	9967911642	
Patil	Sub Engineer	7454		
<b>Engineering (Mechanical &amp; Electrical)</b>				
J Shirsat	Assistant Engineer	7459	24107459	
Hiten Rane	Sub Engineer (Gas)	7456	24107799	hitenrane@gmail.com
Anand Gawli	Sub Engineer	7868	24107456	amolforall@gmail.com
Amol Rathod	Junior Engineer	7456	24107456	
<b>Furniture &amp; Linen</b>				
Dilip Pratap	Head Clerk	7403		
<b>Nursing</b>				
Ms.. Arundhati Vellal	Matron	7013		
Ms. Lata Kambali	Sr. Assist Matron	7013		
Ms. Kusum Katakdaund	Sr. Assist Matron	7013		
Ms. Sujata Wagh	Jr. Assist Matron	7013		
<b>Social Service</b>				
Bindu Pujara	Sr. CDO	7075	9920723843	
Vijaya Naik	CDO	7430		
Sangeeta Kasbekar	CDO	7421		
Sadhana Bhatkhande	CDO	7311		
Shambho Dalvi	CDO	7088	981991346	
Tara Kedare	CDO	7484		
Ravindra Ingole	CDO	7421		

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Rajesh Kamble	CDO	7430	986900186	
Subhash Salve	CDO	7489		
Prakash Sawant	CDO	7421	986965478	
Narayan Kokani	CDO	7079	996965665	
Vasant Sutar	CDO	7140	932263895	
Deepak Shingane	CDO	7055		
Rupali Gujar	CDO	7056	989235506	
Ashwini Patil	CDO	7820		
Dadasa Sonwalkar	CDO	7430	986964729	
Mr Koli	CDO	7271		
Ms Jadhav	CDO	7096		
Mrs Sarala	CDO	7511		
Mrs vijay rathod	CDO	7511		
Mrs Namita	Clerk cum Typist	7271		
<b>Diet</b>				
Dilip Pratap	Head Clerk	7403		
Manasi Bapat	Dietician	7083	982095180	bapatmanasi@yahoo.co.in
Safala Mahadik	Dietician	7865	976930473	safalmahadik@yahoo.com
Neha Shintre	Dietician	7404	989203288	nehas2910@gmail.com
<b>Linen</b>				
Dilip Pratap	Head Clerk	7403	996710065	
Sushil Sawant	Clerk	7403	982121748	
Shrikant Lokegaonkar	Clerk	7403	987037906	
<b>Laundry</b>				
Dilip Pratap	Head Clerk	7403	996710065	
Virsingh Kamble	Assistant	7323		
Jamil Khalil	Assistant	7323		
Sidharth More	Assistant	7323		
<b>Library</b>				
Maduri Khochikar	Ag Head of Library	7499	24107499	
Snehalata Ghule	Junior Librarian	7499	24107499	
Priya Dani	Junior Librarian	7499	24107499	
<b>Pharmacy</b>				
M.G. Doiphode	Superintendent	7017	982001372	
A.G. Bole	Dy Supdt. of Pharmacy	7250	975739864	
Sheetal Chandan	Floor Pharmacist	-	996746278	svchandn@hotmail.com
<b>Committees, Societies, Services and Publications</b>				
<b>Animal Ethics Committee</b>				
Sandhya Kamat	Secretary	7444		drsandhyakamat@gmail.com
<b>Gosumec Alumni</b>				
Gita Nataraj	Secretary	7406	24129099	nostalgia@kem.edu
Ram Prabhoo	Secretary	7406	24129099	nostalgia@kem.edu

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
<b>Institutional Review Board - 1</b>				
Snehalata Borkar	Member Secretary		24122188	
<b>Institutional Review Board - 2</b>				
Sharmila Jalgaonkar	Member Secretary		24122188	
<b>Journal of Postgraduate Medicine</b>				
Nithya Gogtay	Editor	7078	982049583	nithyajogtay@kem.edu
Sunil Karande	Associate Editor	7559	24107559	karandesunil@yahoo.com
Milind Tullu	Associate Editor	7559	24107559	milindtullu@yahoo.com
Praveen Iyer	Assistant Editor	7447	24107447	praveeniyer@kem.edu
Shilpa Sankhe	Assistant Editor		982047028	drshilpas@hotmail.com
Shirish Joshi	Assistant Editor	7444	982033845	shirishjoshi2002@yahoo.co.in
<b>Department Development Fund</b>				
B.M. Kandalkar	Secretary	7603	983386617	b.m.kandalkar@rediffmail.com
Preeti Mehta	Treasurer	7039	982048900	prm.kem@gmail.com
Milind Nadkar	Member	7616	982006070	milindnadkar@yahoo.com
Varsha Kulkarni	Member	7076	986933244	dr_varshak@yahoo.com
Hemangi Warke	Member	7230	982048428	hemangiwarke@kem.edu
Pushpa Pazare	Member	7448	982148692	pushpapazare@hotmail.com
<b>Diamond Jubilee Society Trust</b>				
Nirmala Rege	Secretary	7024	24156513	nimarege@gmail.com
<b>Research Society</b>				
N. Sawant	Hon. Gen. Secretaries	7406	24129099	nostalgia@kem.edu
M. G. Karmarkar	Hon. Gen. Secretaries	7406	24129099	nostalgia@kem.edu
Staff Society				
Seema Bansode-Gokhe	Vice President	7406	24129099	nostalgia@kem.edu
<b>Departments</b>				
<b>Anatomy</b>				
Pritha Bhuiyan	Professor & Head	7447	986962951	drprithabhuiyan@yahoo.com
M. Natarajan	Professor	7447	922461608	natarajanmuthuramalingam@ya
A. C. Dhamangaonkar	Associate Professor	7447	982075335	dhamangaonkar_22@yahoo.com
Lakshmi Rajgopal	Associate Professor	7447	982007582	larajgopal@hotmail.com
K. Shyamkishore	Associate Professor	7447	982043227	kshyamkishore@kem.edu
Yuvaraj Bhosale	Associate Professor	7447	932211171	dryuvaraj@gmail.com
Praveen Iyer	Associate Professor	7447	989285920	praveeniyer@kem.edu
Ashok Bendre	Assistant Professor	7447	26590678	infoanatomy@kem.edu
Rashmi Patil	Assistant Professor	7447	981955272	dr_rashmipatil@rediffmail.com
Harish Gaikwad	Assistant Professor	7447	983308596	harishgaikwad@kem.edu
Rajneesh Pandey	Assistant Professor	7447	987022660	prajneesh@gmail.com
Manoj Borkute	Assistant Professor	7447	932303619	manojborkute@kem.edu
Abhijeet Dhende	Assistant Professor	7447	996078040	drabhi34532008@rediffmail.com
Anjali Telang	Assistant Professor	7447	976653171	dranatelang@gmail.com
Shobha Gaikwad	Assistant Professor	7447	996025747	shobhagaikwadjadhav@gmail.co
Lalita Thorat	Clerk cum Typist	7447	981923696	

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Patlekar Bhakti	Record Assistant	7447	986925871	
Jadhav Prashant	Modellor	7447	986708315	meprashantjadhav@gmail.com
Pramod Ghodwinde	Lab Technician	7447	989255547	
Vinaya Khamkar	Lab Technician	7519	982177585	
Namita R.Mangle	Lab Technician	7519	966464568	
Ghadigaonkar Anil D.	Lab Assistant	7519	986722816	
Main Vijay	Lab Attendant	7519		
Ghadi Vishwanath	Lab Attendant	7519	966489838	
<b>Anesthesia</b>				
Madhulata Babulbhai Garasia	Professor	7176	982123736	garasiamadhu@yahoo.in
Manjula S. Sarkar	Professor	7176	986998401	drmanjusarkar@gmail.com
Rajendra D. Patel	Professor	7176	989323376	drkvd59@yahoo.co.in
Deepa Kane	Professor	7176	961931333	deepakane_22@yahoo.com
Anita N. Shetty	Professor	7612	922343485	anitanshetty@yahoo.co.uk
Sweta V. Salgaonkar	Professor	7176	986907854	swetavs@gmail.com
Prerana N. Shah	Assoc. Prof.	7176	986911702	preranaps@rediffmail.com
Manali N. Nadkarni	Assoc. Prof.	7176	982023504	manana@ indiatimes.com
Madhavi Buddhi	Assoc. Prof.	7176	996910530	madhavi70@yahoo.com
Sunil K. Gvalani	Assoc. Prof.	7176	992052116	skgvalani@hotmail.com
Nandini M. Dave	Assoc. Prof.	7176	981939209	nandini_dave@rediffmail.com
Sanjeeta R. Umbarkar	Assoc. Prof.	7176	932327343	sanjeeta69@yahoo.com
Shashikant S. Shinde	Assoc. Prof.	7176	992041834	shash62@yahoo.com
Aarti D. Kulkarni	Assoc. Prof.	7176	982045286	aartidk752000@yahoo.com
Shrikanta S. Oak	Assoc. Prof.	7176	932413402	shrikanta_oak@yahoo.com
Nirav M. Kotak	Assoc. Prof.	7176	932005619	drnmkotak@yahoo.com
Yogita Patil	Assoc. Prof.	7176	983393574	yogitapatil76@gmail.com
Pallavi V. Wagholkar	Assoc. Prof.	7176	982049230	drpallaviw@gmail.com
Manish Kela.	Assist. Prof.	7176	983304368	drmanishkela@gmail.com
Priti Devalkar	Assist. Prof.	7176	976993498	devalkarpriti@gmail.com
Sanjeevani Zadkar	Assist. Prof.	7176	922586271	zsanjn1@gmail.com
Amit V. Padvi	Assist. Prof.	7176	937259896	amyth padvi@yahoo.co.in
Sunil Chapane	Assist. Prof.	7176	902214450	drgunysagar@gmail.com
Navin Pajai	Assist. Prof.	7176	987061089	drnavinpajai@gmail.com
Shraddha Mathkar	Assist. Prof.	7176	986722110	m_shradha@rediffmail.com
Nalini Harishchandra Jadhav	Assist. Prof.		983320693	nalini.hjadhav@gmail.com
Vaishali Prabhakar Chaskar	Assist. Prof.		998726107	
Vidya Tejraj Bhagat	Assist. Prof.		932060508	vidyabhagat@gmail.com
Rachana Deepak Chhabariya	Assist. Prof.		983397599	drach_18@yahoo.com
Yogesh Bhanudas Naik	Assist. Prof.		996708887	dryogeshnaik@gmail.com
Nilesh Bhimsing Patil	Assist. Prof.		996760810	nile382002@gmail.com
Shamla Dinkar Yashod	Assist. Prof.		982031059	shamalyash@gmail.com
<b>Biochemistry</b>				
S. P. Dandekar	Professor & Head	7027	982107640	suchetad@hotmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
V. G. Patke	Professor	7449	982084779	vinaypatke@gmail.com
S. R. Prabhu	Professor (Adhoc)	7449	983315833	prabhsurekha@gmail.com
U. H. Shinde	Addl. Professor	7449	986911585	umas8586@gmail.com
R.S. Dhamnaskar	Addl. Professor	7449	992048202	rekhadhamnaskar@yahoo.co.in
C. A. Sathe	Associate Professor	7449	982045088	drcasathe@yahoo.com
S. A. Rane	Associate Professor	7449	993010573	drsarane@rediffmail.com
S. P. Parekh	Associate Professor	7449	982038381	prafullparekh@rediffmail.com
G. V. Phatarphekar	Associate Professor	7449	982004552	phatarp@gmail.com
H. S. Dahake	Assistant Professor	7449	902969611	drhdahake@gmail.com
K. G. Sorte	Assistant Professor	7449	937066373	krantigawali@rediffmail.com
Y.R. Pawade	Assistant Professor	7449	750603675	yogeshpawade@gmail.com
S.S. Fupare	Assistant Professor	7749	955250784	
K.K. Ghosh	Assistant Professor	7749	845191385	
Smt. A.N. Vichare	Record Assistant	7449	809733661	
S, Gaikwad	CCT		868983173	
<b>Cardiology</b>				
Prafulla G. Kerkar	Professor & Head	7636	98201441	prafullakerkar@rediffmail.com
Charan Lanjewar	Associate Professor	7636	97691337	charanlanjewar@hotmail.com
Milind Phadke	Assistant Professor	7636	93228684	miphadke@hotmail.com
Girish Sabnis	Assistant Professor	7636	983371237	girishsabnis@live.in
Pratibha J. Sawant	Clerk cum Typist	7636		
Ganesh Gondke	Clerk Cum Typist	7636		
<b>Chest Medicine &amp; EPRC</b>				
Amita Athavale	Professor & Head	7004	24132296	amitaathavale@rediffmail.com
Vijay Khatri	Associate Professor	7630		
Jairaj Nair	Assistant Professor	7630		
<b>Clinical Pharmacology</b>				
Urmila Thatte	Professor & Head	7081	24133767	urmilathatte@kem.edu
Nithya Gogtay	Professor	7078	24174420	njgogtay@hotmail.com
Siddharth Deshpande	Assistant Professor	7715	932514698	sidds9o@yahoo.com
Ujjwala Parulekar	Office secretary	7715	982016352	ujjwala07@yahoo.co.in
<b>CVTS</b>				
N.B. Agrawal	Professor and Head	7005	992009790	drnbagrawalcvts@yahoo.co.in
D.V. Kulkarni	Professor (Additional)	7631	982045109	dkulkarni73@yahoo.com
Prashant Mishra	Professor - Additional	7632	983398956	dprashantmishra100@yahoo.co
Kamlesh Jain	Professor - Additional	7207	993032050	drkamlehjain@live.in
Rohit Shahapurkar	Associate Professor	7207	932225872	rohitmita@gmail.com
Balaji Aironi	Asst Professor	7207	887936722	drbalajaironi@gmail.com
M.S. Soman	C.C.T	7429	982027521	
Mahesh Solanki	R.A.	7429	829186822	
S.B.Kale	Lab Technician	7207	982057708	
S.P.Memane	Lab Technician	7207	986905662	
A.S. Saruk	Lab Technician	7207	986936654	

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Vaishali Mete	Lab Technician	7207	922210580	
<b>Dentistry</b>				
Nanda Pai	Addl. Prof. & HOD	7306	98203	nandapai@rediffmail.com
Prasad Bhangre	Assistant Prof.	7306	981916831	richa.bhangre@gmail.com
<b>Dermatology</b>				
Uday Khopkar	Prof. & Head	7538	749864514	drudaykhopkar@gmail
Vidya Kharkar	Professor	7538	996966890	vidyakharkar@gmail.com
Sunanda Mahajan	Associate. Prof.	7538	932129519	sunandamahajan@gmail.com
Siddhi B. Chikhalkar	Associate. Prof	7538	996936254	siddhibhal@yahoo.com
Atul Dongre	Assistant Prof.		902108039	
Prachi Gole	Assistant Prof.		900466117	
Sanjay Tore	Technician		982010463	
Sainath Nagmod	CCT		989299591	
<b>Endocrinology</b>				
Nalini S. Shah	Prof & Head	7491	982022328	nalinishah@gmail.com
Tushar R. Bandgar	Addl. Professor	7491	982002503	drtusharb@gmail.com
Anurag Ranjan Lila	Assistant Professor	7491	932306534	anuraglila@gmail.com
Meena Indore	CCT		24168714	
<b>ENT</b>				
Jyoti P. Dabholkar	Professor & Head	7307/720	982062512	drjpdabholkar@gmail.com
Shashikant Mhashal	Assist. Prof	7307/720	986726361	drshyashi_ent@yahoo.com
Arpit Sharma	Assist. Prof	7307/720	982030927	drarpitsharma@gmail.com
Hetal Marfatia	Prof HOU	7307/720	982080440	drhetal22@gmail.com
Nilam U. Sathe	Assoc. Prof	7307/720	982130929	drneelam_s@yahoo.co.in
Harshad Nikte	Assist. Prof.	932315282		
<b>Forensic Medicine</b>				
H.M. Pathak	Professor & HOD	7210	900455000	
Rajesh B. Sukhadeve	Addl. Professor	7644	982011998	
Ravindra Deokar	Asst. Professor	7620	986974111	
Sachin S. Patil	Asst. Professor		975717948	
Girish Tasgaonkar	Asst. Professor		730388933	
Mahendra Wankhede	Asst. Professor		932265086	
Vikas Mishra	Asst. Professor		888885699	
Manoj Parchake	Asst. Professor		955217188	
D.S Balsara	Lecturer		982057329	
A.R.Khambekar	CCT	7073		
<b>Gastroenterology</b>				
Shobna Bhatia	Professor & HOD	7625	24103057	sjb@kem.edu
Akash Shukla	Addl. Professor	7034	24103057	akash@kem.edu
Deepak Kumar Gupta	Asst. Prof.	7034	24103057	dkgt@rediffmail.com
<b>GI Surgery</b>				
Chetan Kantharia	Professor & HOD	7213 /	986907262	kanthariachetan@gmail.com
Ramkrishna Prabhu	Assoc. Professor	7213 /	986913386	ryprabhu@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Sharvari Pujari	Asst. Prof.	7213	989062969	
Vikram Chaudari			986969779	
Suhail Khuroo			986928084	
Adithya Nargund			902908497	
Sagar Kurunkar			916741131	
Mirza Kasim Beg			982001382	
<b>Hematology</b>				
Chandrakala S.	Assoc. Prof. & Head	7686	969908765	drchandra.s@rediffmail.com
Vijayalakshmi Nair	Laboratory Technician	7063	24107063	
Neha Deshmukh	Laboratory Technician	7063	24107063	
Swati Limaye	Laboratory Technician	7063	24107063	
Bhakti Mayekar	Laboratory Technician	7063	24107063	
Veena P.Dhuri	Clerk-cum-Typist	7063	24107063	
<b>Medicine</b>				
A.R. Pazare	Professor & HOD	7058	982057221	arpazare@rediffmail.com
M.Y. Nadkar	Professor	7616	982006070	milindnadkar@yahoo.com
N.D. Karnik	Professor	7618	982148340	drndkarnik@hotmail.com
N.N.Redkar	Professor	7641	961967974	nnredkar@yahoo.co.in
A.G. Rajadhyaksha	Professor	7164	982127528	anjalarajadhyaksha@kem.edu
R.N. Sahay	Addl. Professor	7623	982006109	ravindranathsahay@hotmail.com
S.B. Salagre	Associate Professor	7996	986927366	drsantoshsalagre@hotmail.com
A.S. Sonawale	Associate Professor	7617	989263993	sanjayarchana@hotmail.com
K.N.Yelve	Associate Professor	7641	986978835	kavitayelve@yahoo.com
K.J. Rawat	Associate Professor	7643	976996809	drkavit2008@hotmail.com
M.S. Vaidya	Associate Professor	7643	983399165	meghna@yahoo.co.in
Smrati Bajpai	Asst. Professor	7997	989227076	smratibajpai@yahoo.com
S.M. Itoliker	Asst. Professor	7997	932478092	subshob@yahoo.co.in
Vishal Gupta	Asst. Professor	7642	986913660	drvagupta@yahoo.co.uk
Juhi Kawle	Lecturer	7997	982028207	juhi_kawle@yahoo.co.in
Kaustubh Salagre	Lecturer	7997	961991994	
Kiran Ahire	Lecturer	7997	982003976	
Nilakshi Sabnis	Lecturer	7997	982021405	
<b>Microbiology</b>				
Preeti Mehta	Prof. & Head	7039	982048900	prm.kem@gmail.com
Gita Nataraj	Professor (ad-hoc)	7552	982006734	gitanataraj@gmail.com
M.G. Karmarkar	Professor (ad-hoc)	7985	986928414	rajivkarmarkar@yahoo.com
Avani Koticha	Addl. Prof	7832	986900192	kotichaavani@hotmail.com
Madhav Sathe	Addl. Prof	7518	982079155	madhavsathe@gmail.com
Shahir Wanjare	Addl. Prof		998701943	shahirwanjare@gmail.com
Nayana Ingole	Assoc. Prof	7825	982147178	nayanaingole@gmail.com
Swapna Kanade	Assoc. Prof	7827	982056956	drswapnakanade@yahoo.co.in
Priyanka Prasad	Assoc. Prof	7527	993092311	priyanka1975@gmail.com
Sunil Kuyare	Asst Prof	7857	922411019	drsunil77@gmail.com



Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Supriya Paranjpe	Asst Prof	7825	998709838	supriyaparanjpe@rediffmail.com
Pallavi Rodge	Asst Prof	7527	970255885	vpsurase@gmail.com
Vijaya Torane	Asst Prof	7527	982077118	vijayatorane@yahoo.co.in
Rupali Suryawanshi	Asst Prof	7856	983355932	doctorrupali@gmail.com
Shivani Shinde	Asst Prof	7527	981903723	drshivaniverma@gmail.com
Alpana Mhashilkar	Asst Prof	7527	976962803	alpana2908@gmail.com
PurvaSarkate	Asst Prof		982068380	drresp97@rediffmail.com
Vaishali Surase	Asst Prof	7525	932050643	surasevaishali@gmail.com
Pooja Thakkar	Asst Prof		976935025	thakkarpooja@rediffmail.com
Dr Shweta Raut	Asst Prof		992036028	shwetsr123@gmail.com
<b>Neonatology</b>				
Ruchi N. Nanavati	Professor & Head	7035	982012731	drbuchinanavati@gmail.com
Nandkishor S. Kabra	Associate Professor	7035	982091927	nskabra@gmail.com
Samir Sheikh		7841	865233811	samirzuzma@yahoo.co.in
Neeraj Kumar Dipak		7841	981902003	neonatafundas@gmail.com
<b>Nephrology</b>				
N.K. Hase	Prof and Head	7061	982114485	nkhasse@hotmail.com
Tukaram Jamale	Assistant Prof.		916746036	tukaramjamale@yahoo.co.in
<b>Neurology</b>				
S. H. Ravat	Professor & Head	7545	982031085	ravatsh@yahoo.com
Neeraj Jain		7487	993071587	neeraj2you@gmail.com
Ashwinikumar Patil				
S. S. Awate	C.C.T.	7487		
Suhas Todankar	Sr. Ele. Tech.	7174		
Uday Kamble	EEG Tech	7502		
Ranjeet Sawant	Lab. Attendant	7502		
Mayuri Jain	Neuropsychologist			
<b>Neurosurgery</b>				
Atul Goel	Professor & Head	7001	24129884	atulgoel62@hotmail.com
Aadil Chagla	Professor	7171	24113462	aadilchagla@hotmail.com
Trimurti Nadkarni	Professor	7099	24129884	tdnadkarni@hotmail.com
D.P. Muzumdar	Professor	7173	24129884	dmuzumdar@hotmail.com
N.N. Dange	Professor	7172	24129884	docdnitin@yahoo.com
V.P. Joshi	Assistant Professor		24129884	vpjoshi@rediffmail.com
Amit Mahore	Assistant Professor		24129884	amit2mahore@yahoo.co.in
<b>Nuclear Medicine</b>				
G.H. Tilve	Consultant	7874	982041683	ghtilve@yahoo.com
Shwetal Pawar	Assistant Professor	7874	981909430	shwetal13@yahoo.com
<b>Obstetrics &amp; Gynecology</b>				
S. V. Parulekar	Professor & Head	7042		shashankparulekar@kem.edu
P. K. Shah	Professor	7187	932223481	pkshah@kem.edu
Meena Satia	Professor	7189	986908401	meenasiatia@kem.edu
N.M. Mayadeo	Professor	7185	986923331	nmmayadeo@kem.edu



Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
A. S. Gupta	Professor	7188	989260851	alkagupta@kem.edu
Anahita Chauhan	Associate Professor	7184	982029648	anahitachauhan@kem.edu
P. Y. Samant	Associate Professor	7175	986906658	padmajasamantmavani@kem.ed
J. Rege	Associate Professor	7182		jayantrege@kem.edu
Hemangi Chaudhari	Associate Professor	7186	982050832	hkchaudhari@kem.edu
Himangi Warke	Associate Professor	7667	982048428	himangiwarke@kem.edu
Sachin Pardeshi	Asst .Prof	7466	932009519	sachinpardeshi@kem.edu
Anil Mirchandani	Asst .Prof	7466	932289202	anilmirchandani@kem.edu
Sarita Channawar	Asst .Prof	7466	932466286	saritachannawar@kem.edu
Rashmi Khadkikar	Asst .Prof	7466	932422970	rashmikhadkikar@kem.edu
Nilima Mantri	Asst .Prof	7466	981943795	
Vibha More	Asst .Prof	7466		vibha.more@gmail.com
Shila Chakre	Asst .Prof	7466	969906450	sheelawaghmare@gmail.com
Shruti Panchbudhe	Asst .Prof	7466	932497023	
Harshada Thakur	Asst .Prof	7466	976459995	harshrainbow2010@yahoo.co.i
Kimaya Mali	Asst .Prof	7466	989264846	
Keshav Pai	Asst .Prof	7466	981963721	
Munira Ansari	Asst .Prof	7466	996901778	doc_muni@yahoo.co.in
Kshitij Jamdade	Asst .Prof	7466	770955194	docmuni@yahoo.co.in
Shabnam Qureshi	Asst .Prof	7466	8454800646	Occupational Therapy
Jayashri S. Kale	Professor	7477	986960436	jayashrikale@gmail.com
Zarine D. Ferzandi	Associate Professor & Ag head	7044	9820742360	zarine.ferzandi@gmail.com
Karuna V. Nadkarni	Associate Professor	7477	986936006	phalekaruna@hotmail.com
Snehal P. Desai	Associate Professor	7477	983314931	snehalpradip1955@yahoo.co.in
Hemant P. Nandgaonkar	Assistant Professor	7477	981966095	nandgaonkar.hemant@gmail.co
Shilpshree P. Palsule	Assistant Professor	7477	998779866	pvpalsule@hotmail.com
Usha Bhojne - Kasar	Assistant Professor	7477	932370138	ushabhohne@gmail.com
Shweta G. Jojjode	Tutor	7477	986982451	sjojode@yahoo.com
Sapna V. Mishra	Asst Occupational	7477	982065987	saps135@yahoo.com
Shilpa P. Nayak	Jr Occupational	7477	986918491	drshilpanayak@rediffmail.com
Sanika V. Gawade	Jr Occupational	7477	981921324	anusanl@live.com
Rupali D. Borkar	Jr Occupational	7477	981913335	drroopali_100@yahoo.co.in
Sonali R. Dalvi	Jr Occupational	7477	970205866	drsonalidalvi@gmail.com
Neeta S. Pawar	Jr Occupational	7477	996743682	neeta.pawar1@gmail.com
Kirti R. Kene	Jr Occupational	7477	983304549	kirtikene4@gmail.com
Vaijanti L. Jain	Jr Occupational	7477	981960503	vijujain_23@yahoo.com
Somnath A. Sonwalkar	Jr Occupational	7477	969944507	soms_therapy@yahoo.co.in
Mrs. Swati Dahad	CCT	7477	989227622	
<b>Ophthalmology</b>				
Arjun Ahuja	Prof & HOD	7059	098201188	dr_arjunahuja@yahoo.com
Saroj I. Sahdev	Professor & HOU	7059	098205126	sisahdev@hotmail.com
Sheela P. Kerakar	Addl. .Prof	7059	098202975	sheelakerkar@gmail.com
K.G. Kamat	Assoc. Prof	7059	098676699	kokilagakamat@hotmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Smita Patil	Lecturer	7059	828602136	
Shamal	CCT	7059		
<b>Orthopaedics</b>				
S.K. Srivastava	Professor & Ag Head	7568	981971005	sudhirkumarsrivastava@hotmail.c
M.M. Desai	Professor	7463	989227569	drmohandesai@hotmail.com
S.V. Vaidya	Professor	7066	982061282	drsv1@yahoo.com
Bibhas DasGupta	Professor	7463	9820566830	bibhasdasgupta@gmail.com
S.S. Mohanty	Associate Professor	7463	932452337	drssmohanty@hotmail.com
Ashok Rathod	Associate Professor	7463		drashokrathod67@yahoo.com
Sandeep Sonone	Associate Professor	7463	982004284	drsandeeps@hotmail.com
Atul Panghate	Associate Professor	7463	982115857	atulpanghate@hotmail.com
Arvind Arora	Assistant Professor	7463	932295285	
Deepak Bhatia	Assistant Professor	7463	992031140	thebonesmith@gmail.com
Binoti Sheth	Assistant Professor	7463	986991362	inotisheth@yahoo.com
Roshan Wade	Assistant Professor	7463	982005070	drmw1@yahoo.com
Kshitij Choudhary	Assistant Professor	7463	982021753	
Shaligram Purohit	Assistant Professor	7463	932417971	shaligrampurohit@gmail.com
Kapil A. Pawar	Assistant Professor	7463	942183448	
Kshitij Aggrawal	Tutor		932342184	
<b>Pathology</b>				
B.M. Kandalkar	Professor and Head	7603/744	983386617	bmkandalkar@rediffmail.com
Amita Suresh Joshi	Professor	7546	982029489	drjoshiamita@yahoo.co.in
Leena Pravin Naik	Professor	7555	986762061	Leena_pnaik@yahoo.co.in
Daksha Piyush Prabhat	Professor	7556	932227008	dakshaprabhat@rediffmail.com
Smita Anil Divate	Addl. Professor	7989	982029359	smitadivate@kem.edu
Pradeep Vaideeswar	Addl. Professor	7550	983350943	shreeprajai@yahoo.co.in
M.H. Ansari	Addl. Professor	7321	922460946	
Gwendolyn Fernandes	Assoc. Professor	7566	981921840	drgwenfern@yahoo.co.in
Rachana Amit Chaturvedi	Assoc. Professor	7554	996701726	rachanachaturvedi@yahoo.co.in
Dr.Annapurna C. Taware	Assoc. Professor	7550	992034490	
Kanchan Snehal Kothari	Assoc. Professor	7554	982005631	kanchankothari@hotmail.com
Naina Atul Goel	Assoc. Professor	7548	981937419	nainakataria123@hotmail.com
Pragati Aditya Sathe	Assoc. Professor	7554	932404512	pragativk@yahoo.com
Manjusha Karegar	Assoc. Professor	7526	992027071	manjusha.karegar@gmail.com
Ratnaprabha Kundlikrao Ghodke	Assistant Professor	7554	981966639	drnatnag@hotmail.com
Lalita Ganeshbhai Patel	Assistant Professor	7726	28331514	drpatellalita@rediffmail.com
Mona Akshay Agnihotri	Assistant Professor	7554	982103083	monaakshay@mtnl.net.com
Ameya Vijay Rojekar	Assistant Professor	7726	922143096	ameyrojekar@rediffmail.com
Ashwini Amol Kolhe	Assistant Professor	7550	932396451	drashwinikolhe@gmail.com
Dr. Tejaswini P. Waghmare	Assistant Professor	7806	982137020	tpanad@yahoo.com
Jayshree P Chaudhary	Assistant Professor	7548	986979318	jayashreepath@yahoo.com
Dr Prajakta Gupte	Assistant Professor	7546	993062418	prajumore24@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
<b>Pediatric Surgery</b>				
Sandesh Parelkar	Professor & Head	7041	986903909	svp@kem.edu
Beejal Sanghvi	Professor	7219	983345262	beejalsanghvi@gmail.com
Rahul Gupta	Assoc. Professor		983311294	drrahulg78@yahoo.co.in
Gayatri Munghate	Assistant Professor		992057493	drgayatrism@gmail.com
<b>Pediatrics</b>				
Mukesh Agrawal	Professor & Head	7060	24107060	dr_mukesh_agrawal@yahoo.co.in
C. T. Deshmukh	Professor	7626	24107626	ctdeshmukh@hotmail.com
Sunil Karande	Professor	7559	24107559	karandesunil@yahoo.com
Rajwanti K. Vaswani	Professor	7559	24107559	anukvaswani@hotmail.com
Mamta N. Muranjan	Addl. Professor	7559	24107559	geneticist@kem.edu
Milind S. Tullu	Addl. Professor	7646	24107646	milindtullu@yahoo.com
Minal Wade	Associate Professor	7559	24107559	minalwade@gmail.com
Chhaya Divecha	Assistant Professor	7559	24107559	chhayadivecha@gmail.com
Shruti Agarwal	Assistant Professor	7559	24107559	drshru.a@gmail.com
<b>Pharmacology</b>				
Nirmala Rege	Professor & Head	7023	982044494	nimarege@gmail.com
Sandhya Kamat	Professor	7516	982016568	drsandhyakamat@gmail.com
Padmaja Marathe	Professor	7517	25365999	pam2671@gmail.com
Shirish Joshi	Associate Professor	7444	982033845	shirishjoshi2002@yahoo.co.in
Tejal Patel	Associate Professor	7444	996903818	drtejalchetan@gmail.com
Raakhi Tripathi	Associate Professor	7444	982172470	lookon@rediffmail.com
Shruti Bhide	Associate Professor	7444	922441544	shrutibhide72@gmail.com
Dnyaneshwar Kurle	Associate Professor	7517	975742386	dgkurle@yahoo.com
Yashashree Shetty	Assistant Professor	7517	986919304	yashashrirajit@gmail.com
Sharmila Jalgaonkar	Assistant Professor	7444	981915973	sharmila_jalgaonkar@rediffmail.c
Pankaj Sarkate	Assistant Professor	7517	922355079	pankajsarkate@gmail.com
Snehalata Borkar	Assistant Professor	7444	992075994	dr.ssborkar@gmail.com
Urushi Parmar	Assistant Professor	7444	989240687	drurushi@gmail.com
<b>Physiology</b>				
J. V. Gadkari	Prof. & Head		982033920	jayashreegadkari@yahoo.com
D .N. Shenvi	Prof		982009694	dshereshenvi@yahoo.co.in
Pushpa A. Pazare	Prof		982148692	pushpapazare@hotmail.com
Ameet Fadia	Additional Prof.		932268719	apmc33@gmail.com
Amit Navare	Additional Prof.		982030498	navareamit@yahoo.com
Lalit Nikam	Additional Prof.		998789998	lalitnikam@rediffmail.com
Lalita Chandan	Additional Prof.		996783453	drlchandan@gmail.com
Sunanda Kirtikar	Assoc.Prof.		982053344	sunan_kirtikar@yahoo.com
Munira Hirkani	Assoc.Prof.		992015782	drmunira01@gmail.com
Anita Agarwal	Assoc.Prof.		982056123	agrawalanita@hotmail.com
Sharad Patel	Assoc. Prof.		758872202	sgp7676@gmail.com
Abhay Naik	Asst. Prof.		989204267	dragn75@rediffmail.com
Kshitija Patkar	Asst. Prof.		932264636	drkshitijapatil@yahoo.co.in

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Manish Dhadse	Asst. Prof.		932287631	mail2drmanish@gmail.com
Hitesh Modak	Asst. Prof.		937197243	dr_hitesh2000@hotmail.com
Sarika S. Puri	Asst. Prof.		987077420	drsansar@gmail.com
Laksmikant Borse	Asst.Prof.		9822427213	drborselaxmikant@gmail.com
Samadhan Mitkari	Asst.Prof.		9224701535	dsam80@rediffmail.com
Vankatesh Rathod	Asst.Prof.		9423472580	rvenkatesh60@yahoo.com
Kavita Darra	Asst.Prof (adhoc)		9869004524	
Geeta Jagia	Asst.Prof (adhoc)		9860008958	geeta_jagia6@yahoo.co.in
Jayshree Malondkar	C.C.T.		9869586081	
Nitin V.Gurav	R.A.		9833989623	
Raksha Manchekar	R.A.		9987765240	
Sharad Palve	Lab. Tech.		9869468550	
M. A. Makwana	Lab. Tech.		9322875085	
Atmaram C.Chavan	Lab. Asstt.		9969020056	
Mansub Awari	Lab. Asstt.			
Ravi Gawade	Lab. Asstt.		9930492933	
Gundu Gawade	Lab. Attdt.			
Vaman V. Kirloskar	Lab. Attdt.		9619865286	
Jayprakash D. Kumbhar	Lab. Attdt.			
<b>Physiotherapy</b>				
Amita A. Mehta	Professor& Head		9819813381	amitaam@gmail.com
Saraswati Iyer	Professor		9833028588	
Chhaya Varma	Professor		9869011392	cvverma100 @gmail.com
Bhavana Mhatre	Assoc. Prof.		982171296	sidhe@vsnl.com
Jaimala Shetye	Assoc. Prof.		25342811	jaimalavs@gmail.com
Mariya Jiandani	Assoc. Prof.		9820191106	mpjiandani@gmail.com
Archana Gore	Assistant Prof		9820963933	milarch17@yahoo.com
Jyotsna Thosar	Assistant Prof		9821066016	jyotsnathosar@rediffmail. com
R. Lakshmiprabha	Assistant Prof		9820218990	lakshprasad@rediffmail. com
Swati Paranjpe	Assistant Prof		9820454805	swatspar@yahoo.com
Geete Dipti Baban	Assistant Prof		9869701464	dipti_geete@ yahoo . com
Sushama Gajakos	Assistant Prof		9820219984	sushama_g7in2rediffmail.com
Rupali Deshpande	Assistant		9960858803	rudesh71@gmail.com
Pallavi Dhandore	Assistant		9821570750	Pallavi.dhandare@yahoo.com
Shilpa Naik	Assistant		9224103120	drshilpapn@rediffmail.com
Sarika Pajai	Assistant		9870556281	Drsaripajai@gmail.com
Poonam Patil	Assistant		9967964728	poonamp33@gmail.com
Shardul Ganvir	Junior Physiotherapist		9869921085	
Shabana Kazi	Junior Physiotherapist		9892878640	shabana_kazi2000@yahoo.co
Esther Katarnawre	Junior Physiotherapist		9420469987	estherk44@gmail.com
Apeksha Ingle	Junior Physiotherapist		9619722090	apeksha.pat@gmail.com
<b>Plastic Surgery</b>				
Vinita Puri	Professor & Head	7040	24107040	vp@kem.edu

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Kapil Agrawal	Associate Professor	7278	9322242463	drkapilps@radiffmail.com
<b>Preventive and Social Medicine</b>				
RR Shinde	Professor & Head	7074	9820097514	expertratnesh@yahoo.com
Seema S Bansode Gokhe	Professor	7144	9821755690	seema.sbg@gmail.com
Sunita S Shanbhag	Professor	7080	9820480059	sunita_shanbhag@yahoo.com
Kamaxi P Bhate	Additional Professor	7484	9821033222	peckem@rediffmail.com
RS Kembhavi	Additional Professor	7484	9869107798	ravindrakembhavi@yahoo.co.i
Rujuta Hadaye	Additional Professor	7484	9869352260	rujutahadaye@gmail.com
Yuvraj B Chavan	Additional Professor	7484	9869178407	yuvarajbc@yahoo.co.in
Srikala M Acharya	Additional Professor	7484	9324088975	shrikalag@rediffmail.com
Mridula J Solanki	Assoc. Professor	7484	9820203396	drsolanki05@yahoo.co.in
Sanjay G Panchal	Addl Astd. Professor	7484	9869452774	drsangpan@yahoo.co.in
Swati R Deshpande	Addl Astd. Professor	7484	9322753269	drswatideshpande@rediffmail.
Dilip D Kadam	Astd. Professor	7484	9869228406	dilipkadam@yahoo.com
Sophia Fernandes	Astd. Professor	7484	982060545	drsdfernandes@rediffmail.com
Sujata Lavangare	Astd. Professor	7484	982013780	drsujata@rediffmail.com
Milind Rasal	Astd. Professor	7484	932038193	drmilinds@gmail.com
Pavan Sable	Astd. Professor	7484	993059208	pavhappy@yahoo.com
Aftab Siddiqui	Astd. Professor	7484	982163160	draftabsiddiqui@indiatimes.com
Pratap Jadhav	Astd. Professor	7484	932381799	pratapjadhav1979@gmail.com
Sandeep Gunjal	Astd. Professor	7484	901106558	
Amit Bhondave	Astd. Professor	7484	993004770	dramitbhondve@gmail.com
<b>Psychiatry</b>				
S.R. Parkar	Professor & Head	7492	981928217	pshubhangi@gmail.com
A.S. Nayak	Professor (Adhoc)	7492	987031484	ajitanayak@rediffmail.com
N.S. Sawant	Addl. Professor	7492	24187715	drneenas@yahoo.com
Kranti Kadam	Addl. Professor	7492		
J.S. Kedare	Associate Professor	7492		jkedare@rediffmail.com
Natasha Kate	Associate Professor	7492		
Heena Merchant	Assistant Professor	7492		
S. A. Adarkar	Addl Assoc. Professor	7492	28579371	shilpa_adarkar@india.com
<b>Radiology</b>				
Hemant Deshmukh	Professor & Head	7301	24107301	deshikem@gmail.com
Sunita Kale	Professor			sunitakale@kem.edu
Devdas Shetty	Professor			
P.V. Badhe	Addl. Professor	7531	24107531	padmabadhe@kem.edu
Hemangini Thakkar	Addl. Professor	7542	24107542	hemanginithakkar@kem.edu
Priya Hira	Addl. Professor	7530	24107530	priyahira@kem.edu
Buz Morris	Addl. Professor	7530	24107530	burzinmorris@gmail.com
Krantikumar Rathod	Addl. Professor	7543/730	24107301	krantikumarrathod@kem.edu
Shilpa Sankhe	Assistant Professor	7523	24107523	drshilpas@hotmail.com
Bhavesh Popat	Assistant Professor			
Rashni Saraf	Assistant Professor			

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Dev Thakkar	Assistant Professor			
R.R. Sahastrabuddhe	Junior Steno	7530	24107530	parajyo@yahoo.co.in
<b>Surgery</b>				
A.K. Gvalani	Professor & HOD	7057	982103404	
Rajeev Satoskar	Professor	7621	986940940	rajeevsatoskar@rediffmail.com
Varsha Kulkarni	Professor	7076	986933244	dr.varsha@yahoo.com
Shilpa Rao	Professor	7619	982111400	ateeshilpa@yahoo.com
Aparna Deshpande	Professor		982023156	draparnadeshpande@yahoo.com
Abhay Dalvi	Associate Professor	7615	982101875	abhaydalvi@hotmail.com
Jignesh Gandhi	Associate Professor		986934335	jigneshdoc@hotmail.com
Sameer Rege	Associate Professor	7620	986917804	samrege@yahoo.com
Samir Deolekar	Associate Professor	7620	982022231	samirdeolekar@yahoo.com
Pramod Kamble	Lecturer	7602	932275498	drpramodk@yahoo.com
Mahadev Garle	Lecturer	7602	986935689	mgarale@yahoo.com
Ajay Mate	Lecturer	7620	973052163	ajaymate1981@yahoo.com
Jayvant Jadhav	Research Assistant	7497	922105178	
Yogesh Parkar	Clerk cum Typist	7497		
<b>Transfusion Medicine</b>				
Jayashree Sharma	Professor & Head	7016	981971645	jayashreesharma@kem.edu
Charusmita Modi	Associate Professor	7016	986910411	charusmitamodi@kem.edu
Swarupa Bhagwat	Assistant Professor	7016	996904498	swarupabhagwat@kem.edu
<b>Urology</b>				
Sujata Patwardhan	Professor & Head	7033	981907520	sujata.patwardhan@rediffmail.com
Attar Mohd Ismail	Associate Professor	7495	932268957	attarmohammad@rediffmail.com



# The year that was ...





**Seth GS Medical College and King Edward Memorial Hospital**

Parel, Mumbai - 400 012.

Tel.: +91 22 2410 7000 | Website : [www.kem.edu](http://www.kem.edu)