

DEPARTMENT OF PAEDIATRICS

BJ GOVERNMENT MEDICAL COLLEGE AND SASSOON GENERAL HOSPITAL, PUNE (JULY 2015-DECEMBER 2015)

Professor and Head of the Department- Dr. Sandhya S. Khadse (SSK)

CURRENT FACULTY

Associate Professors

Dr. Chhaya T Valvi
Dr. Rajesh R Kulkarni
Dr. Uday C. Rajput
Dr. Abhay Bagul
Dr. Prakash Gambhir
Dr. Anand Deshpande

Assistant Professors

Dr. Swapnil Bhongade
Dr. Rahul Dawre
Dr. Pragathi A Kamath (PAK)
Dr. Priyanka Badjate (PMB)
Dr. Dilip Kumar
Dr. Ramya H.N.

Speciality Services

Pediatric Neurology	Dr. Umesh Kalane
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OTHER DEPARTMENTAL STAFF

Mrs. Haseena Ansari (Stenographer)
Mrs. Shobha Dolas (Senior Clerk)

Mrs. Varsha Gaundadkar (Lab Technician)

Mrs. Saira Girgaon (Lab Technician)

Mr. Santosh Nale (Lab Assistant)

POST GRADUATE STUDENTS

NAME OF THE STUDENT	YEAR OF ADMISSION	NAME OF THE GUIDE
Dr. Vikrant Gosavi	2012	Dr.Chhaya Valvi (CTV)
Dr. Sandhya J.		Dr. Sandhya S Khadse
Dr. Sagar Mehta		Dr.Rajesh Kulkarni (RRK)
Dr. Dilip Kumar		Dr AartiKinikar (AAK)
Dr. NiveditaPande		Dr. Sandhya S Khadse
Dr. Naresh Sonkawade	2013	Dr AartiKinikar (AAK)
Dr. Sajili Mehta		Dr. Sandhya S Khadse
Dr. Bharat Nadig		Dr.Chhaya Valvi (CTV)
Dr. Chandrakant Tammevar		Dr. Anand Deshpande(ASD)
Dr. Deepak Pawar		Dr. Prakash Gambhir
Dr. Ambikesh Sahu		Dr. Aarti Kinikar
Dr. Yatin Bhole		Dr. Sandhya Khadse
Dr. P.T. Asha		Dr.Rajesh Kulkarni (RRK)
Dr- Pratibha Garg		Dr.Chhaya Valvi (CTV)
Dr. Anjali Sharma		Dr. Anand Deshpande(ASD)
Dr Anil Kumar		Dr Uday C. Rajput [earlier Dr AartiKinikar (AAK)]
Dr Ninad Patil	Dr.Rajesh Kulkarni (RRK)	
Dr Agila Asokan	Dr. Sandhya S Khadse	
Dr Sangita More	Dr. Prakash Gambhir	
Dr Manju Bhargavi	Dr. Sandhya S Khadse	
Dr Gajendra Patil	Dr. Aarti Kinikar	
Dr. Rohit Kale	2015	Dr.Chhaya Valvi (CTV)
Dr. Ganesh Bhatkar		Dr. Anand Deshpande(ASD)
Dr. Venkatachalam		Dr Uday C. Rajput
Dr. Kishor Gandhi		Dr.Rajesh Kulkarni (RRK)
Dr. Ashna Gupta		Dr. Sandhya S Khadse
Dr. Snehal Kamble		Dr. Prakash Gambhir
Dr. Rahul Limbitote		Dr. Sandhya S Khadse
Dr. Girish Painkara		Dr Uday C. Rajput

UNITS AND WEEKLY CYCLE:

Unit-A	Unit-B	Unit-C	PICU	NICU/ HDU
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Monday/ Thursday	Tuesday/ Friday	Wednesday/ Saturday		Friday OPD
Dr.Sandhya Khadse (Professor and Head)	Dr. Chhaya T. Valvi (Assoc. Prof and Unit Head)	Dr.Rajesh Kulkarni (Assoc. Prof and Unit Head)	Dr.Rajesh Kulkarni (Assoc. Prof and Unit Head)	Dr. Uday C Rajput Associate Professor
Dr. Abhay Bagul Associate Professor	Dr. Rahul Dawre Assistant Professor	Dr. Prakash Gambhir Associate Professor	Dr. Dilip Kumar Assistant Professor	Dr, Priyanka Badjate Assistant Professor
Dr.Pragathi Kamath Assistant Professor		Dr. Anand Despande Associate Professor		Dr Ramya H.N. Assistant Professor
		Dr. Swapnil Bhongade Assistant Professor		

SERVICES PROVIDED WITH DETAILS

- 1) Lecture Hall
- 2) Departmental Library
- 3) Tutorial Room
- 4) Internet connection
- 5) Separate Cabin for Lecturers.
- 6) Computer Facility with Printers
- 7) Clinic Rooms for Undergraduate students
- 8) LCD Projector
- 9) Audio system in Departmental Lecture cum Seminar Hall
- 10) Overhead Projectors
- 11) Laptops
- 12) X ray View Boxes
- 13) Doctors' Room in Ward with attached toilet.

14) Meticulous and Comprehensive Interns' Training Programme- SPECIALLY APPRECIATED BY DR. VYAS- MCI INSPECTOR.

- This consists of SOP for interns
- Research Project to be submitted with completion of posting
- Poster to be prepared at the time of completion of the posting.

15) For Residents-

- Novel Initiative of- **Performance Based Report Card**- a systematic documentation and self appraisal of PG students of their last month's performance. Incorporates different points like-

Cases seen, correct diagnosis made, number of appreciations received, any publications/ presentations etc.

- Every month, students submit Long and Short Answer Questions enabling them to tackle exams in a positive way.
- Regular Post Graduate Teaching Activities.
- Thesis Reviews at Regular Interval- Perhaps the ONLY DEPARTMENT IN COLLEGE TO HAVE NO QUERIES IN THESES OF STUDENTS IN THE LAST YEAR.
- Separate Lockers provided to the residents.

SERVICES PROVIDED TO PATIENT:

Nutritional Rehabilitation Centre (NRC) -

- The only medical college in the entire state of Maharashtra to have this NRC (State of the art facility for the treatment of severe Protein Energy Malnutrition)
- The department has trained more than 300 medical officers and health worker on management of Severe and Mild Acute Malnutrition in NRC.
- **The NRC is without sponsorship or aid from UNICEF or govt. and totally done on mobilization of donation given by St. Paul's Church, Camp, and Pune.**
- Highlights of Nutritional Rehabilitation Centre-
 - Round the clock availability of a trained physician and Staff Nurse
 - Facilities like- Mixer, refrigerator, Kitchen Desk, Television.
 - Specially designed toys for children in NRC
 - For detailed Anthropometry- Infantometer, Stadiometer and Electronic weighing Scale are available. Various standard charts and booklets available for students, interns and residents for quick assessment of malnutrition.
 - Special counseling session for mothers of patients.
 - **ALL THE FEEDS ARE PREPARED IN-HOUSE BY INTERNS AND STAFF NURSE.**
 - **NOT A SINGLE MORTALITY RECORDED IN NRC SINCE ITS START AND ALL THE PATIENTS HAVE BEEN DISCHARGED AND ARE DOING VERY WELL!!**
 - **Patients on discharge have given encouraging and very positive feedbacks.**

Hirkani Kaksha (Facility for mothers to breastfeed their children)- Again the only medical college in the state of Maharashtra to have a breast feeding promotion and counselling centre

- Tertiary care department for Pediatrics care has PICU with 5 ventilators and 3 ventilators in NICU.
- HIV Specialty clinic –Only one of its kinds amongst all Medical College in Maharashtra.
- Tuberculosis OPD
- Epilepsy OPD
- High risk Neonatal OPD with facility of Retinopathy of Prematurity Screening and Neurodevelopment Assessment of the NICU graduates.
- Thalassaemia day care center with Iron Chelation Therapy (Thal pumps)
- Genetic clinic

- Pediatric EEG facility
- Sunshine Room (Playroom for the children)
- Spacious covered area in front of the ward for the patients to rest and have their food.
- Lift in the ward for easy transport of the patients.
- Spacious play area in front of the ward for children consists of see-saw, swings etc.
- OPD Laboratory with qualified technicians.
- **Fully Renovated High Dependency Unit** in Ward 20 for high risk babies and as a step down care from NICU. Renovated by Rotary Club of Pune, Sinhgad Road Branch.
- This unit has radiant warmers, phototherapy units, air curtains, weighing scales and Special chairs for the mothers willing to give Kangaroo Mother Care
- **Human Milk Bank** inaugurated in ward 29, 30 ,by Smt Supriya Tai Sule on 19 November 2013. This unit has pasteurizer, deep freezer, hot air oven. The milk (approximately 3.5-4 Liter per day) for donation being collected after screening from the NICU and HDU. The beneficiaries being the newborns in NICU.

EQUIPMENTS AVAILABLE

1. Electrophoresis manual approximately 12/month
2. Micro Centrifuge
3. Colorimeter
4. Chemical balance
5. Distilled water bath
6. Hot air oven
7. Pediatric EEG machine(approximately40/month)
8. infusion pumps,
9. syringe pumps,
10. Multipara monitors,
11. ECG Machine,
12. Radiant Warmers,
13. Phototherapy units
14. LCD Projectors
15. Audio System
16. Seminar hall
17. Water filters for pts and faculty and for Thalassemia unit.
18. Well Equipped library
19. Functional OPD side Laboratory.
20. Play area for children
21. Central liquid oxygen plant
22. Portable x ray machine
23. Internet facility
24. Water Beds for patients with prolonged immobility.
25. Glucometers.
26. Bilirubinometer.

PATIENTS LOAD AND WORK TURNOVER:

S.NO	WARD	PICU	NICU	HDU	THALASSEMIA
ADMISSION /DAY (APPROX.)	12	5	10	12	6
OPD PATIENTS/DAY	100-130	-	ON FRIDAY 30	-	

Human milk bank-approximately 1.5litres/day

Immunisation services

COURSES OFFERED WITH INTAKE CAPACITY

- FIRST MBBS : 200 STUDENTS PER YEAR
POST GRADUATION : 5 M.D. PER YEAR & 3 D.C.H PER YEAR
- **All the above courses are RECOGNISED BY MCI.**
- **Other Academic Programs Undertaken-**
 1. **E.M.O.C.-** this is a program that endeavors to impact emergency training of the Medical Officers in the Emergencies in Obstetrics and gynecology.
 2. **IGNOU-** Indira Gandhi National Open University course (post MBBS) is being conducted by the department. Many batches have been trained by the department.

Publications and presentations:

Sr No	Research Publication	Journal	Authors	Year	National/International/State
1	Tremors Following Blood Transfusion in Children with Megaloblastic Anemia	Indian Journal of Pediatrics	Kulkarni R Kinikar A Valvi C Khadse S	2015	National
2	Magic potion to tackle India's silent crisis :SAM in children	Pediatrics	Kinikar A Khadse S Valvi C Kulkarni R	2015	International
3	Seizure susceptibility due to antihistamines in febrile seizures	Pediatric neurology	Kulkarni R Valvi C Kinikar A	2010	International
4	Hemorrhagic cystitis in two cases of novel influenza A (H1N1) infection	Journal of Pediatric Infectious diseases	Kulkarni R Kinikar A Valvi C Doshi P	2010	International
5	Predictors of mortality in hospitalized children with pandemic H1N1 influenza 2009 in Pune,India	Indian Journal of Pediatrics	Kinikar A Kulkarni R Valvi C Mave V Gupte N Khadse S etal	2011	National
6	Use of indigenous bubble CPAP during swine flu pandemic in Pune,India	Indian Journal of Pediatrics	Kinikar A Kulkarni R Valvi C Gupte N	2011	National
7	Clinical profile of H1N1 positive HIV infected children	Indian Pediatrics	Kulkarni R Kinikar A Valvi C	2011	National
8	Encephalitis in a child with H1N1 infection: First case report from India	Journal of Pediatric Neurosciences	Kulkarni R Kinikar A	2010	National
9	Transient Hyperglycemia in a H1N1 positive child on Oseltamivir	Indian Pediatrics	Kulkarni R Kinikar A	2010	National
10	Lessons learnt from H1N1 2009 Pandemic –The	Indian Pediatrics	Kulkarni R Kinikar A	2010	National

	Pune experience				
11	2009 H1N1 infection in a 1 day old neonate	Indian Journal of Medical Sciences	Valvi C Kulkarni R Kinikar A Khadse S	2010	National
12	Acute Megakaryoblastic leukemia M7 presenting with extreme myelofibrosis	Indian Journal of Pathology and Microbiology	Kumbhojkar A Kulkarni R Chheda A Gambhir P Kinikar A Khadse S	2014	National
13	Rickettsial fever with ARDS and meningoencephalitis	Pediatric Infectious Disease	Kulkarni R Khadse S Kinikar A Valvi C Mahajan R	2013	National
14	Case of TTP with cerebral infarct secondary to platelet transfusion	Indian Journal of Pediatrics	Tripathi S Deshpande A Khadse S Kulkarni R	2011	National
15	Idiopathic myelofibrosis in an infant	Indian Journal of Pediatrics	Bavikar R Kulkarni R Rathod A Hastak M	2010	National
16	Ochoa or Orofacial syndrome	Indian Pediatrics	Sutay N Kulkarni R Karya M	2010	National
17	Paramyotonia Congenita with mutation at SCN4A gene	Current Pediatric Research	Kulkarni R Rathod A	2009	National
18	D transallethrin: An unusual agent for accidental poisoning	Medical Journal of Dr D..Y .Patil University	Kedari V Kulkarni R Valvi C Kinikar A Khadse S	Accepted for publication, Under publication (2015)	State
19	Overweight baby(Beckweith Weidemann syndrome)	Pediatric Oncall	Sandhya J Momin S Kulkarni R Gambhir P	2015	State
20	OPC poisoning in a newborn	Pediatric Oncall	Chheda A Hiremath A Khadse S Kulkarni R	2014	State
21	Finger anomaly	Pediatric Oncall	Shivhare V Kulkarni R Kinikar A	2010	State

22	Kocher Debre Semelaigne syndrome	Bombay Hospital Journal	Miniyar S Kulkarni R Valvi C Kinikar A	2011	State
23	Cryptococcal meningitis in an immunocompetent adolescent	Bombay Hospital Journal	Kulkarni R Rathod A Saple P	2011	State
24	Os odontoideum	Pediatric Oncall	Kulkarni R Rathod A	2010	State
25	Benign recurrent sixth nerve palsy in children	Bombay Hospital Journal	Kulkarni R Kale K Rathod A	2011	State
26	Cyanotic congenital heart disease with asplenia syndrome with meningitis	Bombay Hospital Journal	Rathod A Kulkarni R Vishindasani S	2009	State
27	Lamellar Ichthyosis	Pediatric Oncall	Rathod A Kulkarni R	2009	State
28	Long umbilical cord with multiple loops around the fetal neck	Pediatric Oncall	Chaudhari B Kulkarni R Kinikar A	2010	State
29	Facial tags- Goldenhar syndrome	Pediatric Oncall	Kodur V KulkarniR Valvi C KinikarA	2011	State

Conference:

Name	CONFERENCE	MONTH/YEAR
Dr. Sandhya Khadse	IAP Maharashtra State Branch	Nov- 2014
	Human Milk Bank & IYCNCON "Promote nature, dump and junk "	August-2015
	ICANCL group 2015 report from west zone	Nov 2015
	CANCL-CON , IAP Faculty	Dec-11,13-2015
		July 2015
	3 rd national conference on pediatric education	Sep-2015
	National conference on pediatric education	Sep-2014
	RESEARCH SOCIETY ANNUAL CONFERENCE	March-2014
	Mahapedicon -2014	Nov-2014
	51 st annual conference IAP	Jan-2014
	International conference on cerebral palsy & developmental medicine	March-2013
Pedicon 2013	Jan-2013	

Dr. Chhaya Valvi (Associate Professor)	33 rd Annual Graduate Summer Institute Of Epidemiology And Biostatistics Fogarty Scholar BJGMC And JHU, Training Done In Basic Epidemiology, Biostatistics USA	June – July 2015
	ICOHRTA Scholar Design And Methodological Issues In Research Development. John Hopkins University Baltimore Maryland USA.	June – July 2015
	National Seminar On Sickle Cell Anemia, Pune 2015	March 2015
	Milk Banking In India (MBI 2015): Retrospective And Current Progress	April 2015
	Medico legal Workshop At BJGMC 2015	
	Regional Prospective Observational Research In Tuberculosis Report – India. 3 rd Joint Leadership Meeting (International JHU, RNTCP,NIH) March 2015	March 2015
	Annual Conference Of The Research Society Of BJMC 2015	February 2015
	Excellence In Paediatrics , Dubai 2014	December 2014
Dr. Rajesh Kulkarni (Associate Professor)	Neuropedicon 2014	October 2014
	Annual Research Society Conference BJMC 2014	March 2014
	Annual Research Society Conference BJMC 2015	March 2015
Dr. Naresh	Pedicon 2014	Januray 2014
	Pune Pedimeet	July 2014
	RESEARCH SOCIETY ANNUAL CONFERENCE	MARCH 2015
	FEEDING IN NEWBORN	FEB 2015
	TYSA ALUMNI MEET	MAR 2015
	PEDIATRIC ENDOCRINOLOGY SYMPOSIUM	APRIL 2015
Dr. Ninad	TYSA ALUMNI MEET	MAR 2015
DR. Gajendra	FEEDING IN NEWBORN, KEM HOSPITAL	FEB 2015

Seminar:

Name	SEMINAR	MONTH/YEAR
Dr. Sandhya Khadse	Milk Banking in India(MBI-2015) Retrospective and current progress	April- 2015
	Grip European union programme on drug safety in children	March-2015
Dr. Chhaya Valvi (Associate Professor)	Neonatal Nutrition Update, KEMH , Pune 2015	2015
	Newer Horizons In Pediatrics, AFMC 2014	
	Clinical Dentistry: The Current Perspective	October 2014
Dr. Rajesh Kulkarni (Associate Professor)	Pediatric Gastroenterology	Jan 2015
	Pediatric Infectious Diseases	May 2015
	Pediatric Nephrology	April 2015

Workshop:

Name	WORKSHOP	MONTH/YEAR
Dr. Sandhya Khadse	Strategic planning and innovation Certificate of participation- Malaysia	July-2015
	Human milk banking workshop Sion Hospital	Nov-2014
	RGJAY Workshop	March-2014
	Basic course MET	June-2014
	NRC and SAM workshop	May-2014
	RBSK-TOT	June-2014
	IYCF	Sep-2013
	Neonatology workshop-NNF	Sep-2013
Dr. Chhaya Valvi (Associate Professor)	Stanford Writing In The Sciences	November 2015
	Workshop On Basic Biostatistics Coordinated By NIH And SGPGI Lucknow 2015	May 2015
	Facility Based Management Of Severe Acute Malnutrition (F-SAM) Workshop	February 2015
	Faculty Of The Bridge Course Syllabus For PG Students Of ASU, India 2014	
	International Workshop In Curriculum Development 2014	July 2014
	Clinical Trial Design And Data Analysis Workshop 2014	March 2014
	Basic Workshop In Research Methodology For Faculty 2014	February 2014
Dr. Rajesh Kulkarni (Associate Professor)	Stanford Writing In The Sciences	November 2015
	Vascular Access	August 2014
	Revised ART Guidelines	Dec 2014
	Comprehensive Care For Haemophilia	March 2015
	Clinical Trial Design And Data Analysis	March 2014
	Basic Workshop In Research Methodology	Feb 2014

	Epiinfo 7	2014
Dr. Gajendra	SEVERE ACUTE MALNUTRITION MANAGEMENT	October 2014
	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
Dr. Ganesh	RECENT APPROACH IN LEPROSY	September 2015
Dr. Agila	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
	PHOCON	NOV 2015
Dr. Anil	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
Dr. Anjali Sharma	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
	PHOCON	NOV 2015
Dr. Ashna Gupta	RESEARCH SOCIETY WORKSHOP BJGMC	NOV 2015
Dr. Dilip	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
Dr. Kishor Gandhi	RESEARCH SOCIETY WORKSHOP BJGMC	NOV 2015
DR. Naresh	BASIC PEDIATRIC INTENSIVE CARE COURSE	MARCH 2015
	MATERNAL , NEONATAL AND CHILD HEALTH AND NUTRITION	September 2015
	BASIC WORKSHOP ON RESEARCH METHODOLOGY	September 2015
Dr. Ninad	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
DR. Pratibha	RESEARCH SOCIETY WORKSHOP BJGMC	FEB 2015
Dr. Rahul Limbitote	RESEARCH SOCIETY WORKSHOP BJGMC	NOV 2015
Dr. Rohit Kale	RESEARCH SOCIETY WORKSHOP BJGMC	DEC 2015
Dr. Sajili Mehta	SEVERE ACUTE MALNUTRITION MANAGEMENT	OCT 2014
	PERITONEAL DIALYSIS	NOV 2014
	BASIC PEDIATRIC MANAGEMENT COURSE	SEPT 2014
	RESEARCH SOCIETY ANNUAL CONFERENCE	FEB 2014
	RESEARCH SOCIETY ANNUAL CONFERENCE	MARCH 2015
	FEEDING IN NEWBORN	FEB 2015
Dr. Venkat	RESEARCH SOCIETY WORKSHOP BJGMC	NOV 2015

Number of research projects :

Completed :

1. Hair PK study – Estimation of INH level in hair in patients receiving AKT.
2. Malaria Trial [R2012005] A study to assess the efficacy and safety of artemether maleate and piperaquine in uncomplicated falciparum malaria.(STOPPED)

On going :

- 1 . CTU trials –PROMISE,P1060,P1070, trials in collaboration with Johns Hopkins University.Study on diagnosis of TB in children of age 1 to 5 years using ELISPOT test is being conducted.
2. AMR study – Study about Anti microbial resistance in pediatric patients.
3. CTRIUMPH.
4. Bacteriological quality of pasteurization and unpasteurized donor human milk- A comparative study.
4. Barriers to early treatment initiation in childhood tuberculosis in high incidence setting.

WORKSHOP AND CMEs CONDUCTED IN LAST 6 MONTHS

1. BREAST FEEDING WEEK: 1ST TO 7TH AUGUST
2. ORS WEEK: 23RD TO 29TH JULY
3. IAP PG QUIZ INTRACOLLEGIATE ROUND:
4. IAP UG QUIZ INTRACOLLEGIATE ROUND:

FUTURE PLANS :

To make Department State of the Art giving all care to needy and poor patient and make This Pediatrics Department Into a Institute of Child Health where Sate of Art Training and Teaching program will be conducted to deal with various aspect of Child Health.

