



Godavari Foundation's

DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL

Recognized by Medical Council of India, Approved by Central Govt. of India, New Delhi,
Letter no. MCI-34(41)/2012-med./158127, dated 05/02/2013

Affiliated to Maharashtra University of Health Sciences, Nashik [College Code-1306]

Jalgaon-Bhusawal Road, NH-6, Jalgaon Kh, Tal. & Dist. Jalgaon 425309

Tel. No. (0257)2366657, 2366678 Fax No. 0257-2366648

Email ID : dupmcj@yahoo.in Web Site : www.dupmc.ac.in

INTER-DEPARTMENTAL COURSES

MD Anatomy

k. TEACHING

- i. 70 hours of small group teaching with at least 1/3 of these under supervision by a senior teacher.
- ii. **Microteaching sessions** are mandatory before small group teaching for each and every session.
- iii. Should be exposed to evaluation techniques
- iv. Exposure to Medical Education Technology Workshops
- v. Presentation in Journal club.
- vi. Presentation in Seminars and symposia.
- vii. Should complete gross and microanatomy journals.

l. RESEARCH

- i. Basic techniques like review of literature for a given topic and collection of data.
- ii. Exposure to computer for various applications.

2. II YEAR OF RESIDENCY

a. SPECIAL POSTING

Interaction with other pre, para and clinical specialties so as to prime the mind of the P.G. students in Anatomy to the growing needs of application of anatomical knowledge to other branches of medicine. This will be achieved through **horizontal and vertical integration**.

Posting

i. Horizontal Integration

(Selected topics should be taken as PG lectures by the concerned departments.)

Physiology and Biochemistry

ii. Vertical integration (Lectures to be arranged by the various departments for PG students)

Radiology, Surgery, Orthopaedics, Medicine, Obs & Gynac, Genetic Laboratory Pathology, Microbiology & Forensic.

(Posting in pathology - to gain knowledge about Frozen-sections, use of cryostat. special immunohistochemical techniques and immunological techniques and morbid and medicolegal anatomy from postmortem.)

During vacation.

b. RESEARCH

Starting the work on thesis by the beginning of second year of residency with the aim to complete the data collection & analysis by the end of second year.

c. TEACHING

- i. From middle of IInd year, the P.G. students in Anatomy should be capable of giving lectures for the entire batch of students.
 - ii. Start teaching Embryology and Genetics in small groups after microteaching Sessions.
 - iii. Should be conversant with the use of various audiovisual aids
- d. Presentation in Journal Club
 - e. Presentation in Seminars / Symposia at the departmental and institutional level
 - f. **FETAL DISSECTION:** Should have dissected at least one fetus



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INTER-DEPARTMENTAL COURSES

MD

Biochemistry

- 9) Familiarize with the principles of various conventional & specialized laboratory investigations & instrumentation analysis and interpretation of a given data.
- 10) Effectively organize & supervise diagnostic laboratory to ensure quality control/Assurances.

B) SKILLLS:

At the end of the course the students shall be able to:

- 1) Make use of conventional techniques/instruments to perform biochemical analysis relevant to clinical screening & diagnosis.
- 2) Analyze & interpret investigative data.
- 3) Demonstrate the skills of solving scientific & clinical problems and decision-making.
- 4) Develop skills as a self-directed learner, recognize continuing educational needs, select & use appropriate learning resources.
- 5) Demonstrate competence in basic concept of research methodology & be able to critically analyze relevant published research literature.

C) INTEGRATION:

The knowledge acquired in Biochemistry shall help the students to integrate molecular event with structure & function of the human body in health & disease.

- 1) Eligibility – Recognized degree of M.B.B.S. or its equivalent recognized qualification.
- 2) Duration of course shall be of 3 (Three) years from the date of admission.

PERIOD OF TRAINING:

Duration of the course shall be of three years (six academic terms) from the date of admission.

- 1) The students will attend all U.G. lectures and practicals and will work in central clinical laboratory of the hospital and do all the routine, emergency and special investigations.

- 2) The students will be posted in the Dept. of Pathology & Microbiology for a period of one month each to learn hematology ,Blood grouping & serology etc.
- 3) The students will be posted in the Dept. of Medicine to study the Clinical cases for a period of 3 months. However, they will attend P.G. activities and duties in in the Department of Biochemistry & Central Clinical Laboratory of the Hospital.
- 4) Students will participate in P.G. activities ; viz, Seminars ,Group discussion, Journal club etc. and will attend P.G. Lecture
- 5) Students should learn basic knowledge of computers and medical statistics.
- 6) Training in Medical audit ,management , health economics , health information system,basics of medical statistics & bioinformatics , exposure to human behavioural studies & medical ethics shall be imparted to the P.G. students.
- 7) They will be required to participate in the teaching & training programmes of U.G. students.
- 8) They will be granted a term provided they will put 80% attendance during the academic term.



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INTER-DEPARTMENTAL COURSES

MD Paediatrics

3. Intramural and Extramural Rotation

MD (Pediatrics):

- At least 4 and not more than 8 months in Neonatology.
- At least 3 and not more than 6 months in sub-speciality areas: Intensive Pediatric Care Unit (IPCU), Genetic Clinic, Thalassemia Care Centre, Emergency Pediatric Services.
- At least nil and maximum 6 months in Allied areas: Hematology, Infectious Diseases, Dermatology, Cardiology, Nephrology, Chest Medicine, Gastroenterology.

The Department of Pediatrics will decide the posting of students in Neonatology and Allied Branches and Sub- speciality areas.



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INTER-DEPARTMENTAL COURSES

MD PSM

- District Health Office
- District Hospital
- Taluka Hospital
- PHC/ SC/CHC
- ICDS office / Anganwadi Centre
- Public Health Laboratory
- Sewage Treatment Plant
- Visit to Local Ward Office
- Infectious disease Hospital
- Malaria/DTC/Filaria units
- Visit to factory/Inspectorate of factories/ visit to Industry
- Home for the aged
- Blindness Rehabilitation schools
- Deaf and Dumb schools
- Spastic society
- Physically Handicapped Centre
- Market Place
- Slaughter Home
- Hotel
- Milk Dairy
- Food and Beverages Processing Units

Posting to Obstetric and Gynecology

1. Obstetrics (Urban and Rural Health Centres)
 - Antenatal Care
 - High Risk pregnancy
 - Intranetal care – The Management of normal Labour
 - Postnatal Care
 - Family Welfare
2. Gynecology
 - Adolescent Health
 - Reproductive Tract Infections
 - Cancer of the reproductive tract especially Carcinoma cervix

Posting to Paediatrics (Hospital and ICDS)

1. Paediatric Infectious diseases
2. Nutrition problems
3. Immunization
4. Neonatal Problems
5. Growth and development monitoring

Students doing MD Community Medicine can be allowed to do one semester / Posting in Obst Gynace / Medicine / Paediatric in 2nd Year.



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INTER-DEPARTMENTAL COURSES

MS General Surgery

Rotation and posting in other departments

The listed knowledge and skills are to be learnt over a period of 3 years. The process is a continuous one. However the recommended period and timing of training in basic subjects, allied departments and speciality departments are given below.

In the first year, during the morning session, student should work in the parent department. It is recommended that 2 years and 4 months be spent in General Surgery and **8 months in allied and speciality departments**. Depending on the time and opportunities available, some of the procedures listed for second year activity can be shifted either to the first or the third year. Students must be 'on call' on a regular basis. The total duration of postings in core and other specialities will be eight months.

Basic Sciences

Basic science should be an essential part of training. It should be done as concurrent studies during the 1st year of training. At least two hours daily may be in the first six months of the course.

In the afternoons basic science teaching relevant to surgery can be done in the respective departments.

Topics for study to include Anatomy, Physiology, Pathology, Microbiology, Pharmacology, Anaesthesia and Radiology

Pathology - Concurrent study - Recommend daily Grossing sessions, weekly Surgical pathology sessions and monthly Clinico Pathological Conferences. Radiology - Concurrent study - adequate exposure to modern imaging modalities like ultrasound sonography, CT scan, MRI and angiography.

Allied Specialty Subjects

Students should to be posted to core allied speciality subjects Viz. Anaesthesia and ICU for one month and Orthopaedics including trauma (accident and emergency) for 2 months during the second year of training. Posting to the Department of Obstetrics and Gynaecology for one month is optional. This posting may be in lieu of one of the other specialties (except the core specialties) depending on the choice of the candidate.

Other Surgical Speciality Subjects

Postings to other speciality departments will be during the second year. The departments and duration of postings are as under:

Department	Duration
• Paediatric surgery	4wks
• Plastic surgery	4wks
• Urology	4 wks
• Oncology	4 wks
• Cardiothoracic surgery	2 wks
• Neurosurgery	2 wks