Department of Anesthesiology, G M C H Nagpur

Introduction:

1. The department of Anesthesiology was started functioning in the year 1965. Dr. M.S. Dubey (1965-72) was the first Professor & Head of Dept. anesthesia. Subsequently Dr. R. K. Pradhan (1972-1983), Dr. Hema Mankeshwar (1983-1998), Dr. Malti Phadke (1998-2000), Dr. K. Kale (2000-2006), Dr. Ranjana Deshmukh (2006-2007) & Dr. Sushma Pande (2007-2010) were the prof. & Heads of the department. Dr. Pradeep Dhume & Dr. Vijay Shrotey were the officiating prof. & Heads of the department between 2010-2011.

2. Currently Dr. Naresh Tirpude is a Prof. & Head of Dept. of anesthesia since 7th June 2011.

3. The Diploma in Anesthesiology postgraduate course was started in 1962. The MD anaesthesiology course in anesthesiology was started in 1972 under the Nagpur University, Nagpur.

4. The current admission strength of MD Anaesthesiology P. G. Course is 7 (Seven) per year & D. A. (Diploma Anaesthesiology) P.G. Course is 6 (Six) per year. Both Courses are MCI Recognized.

5. The Department of anaesthesiology is catering the anaesthesia services to following sections depts. of hospital-
   a) Operation Theatre: A, C, D, E, G, F,
   b) Radio-diagnosis Dept: MRI, CT & Interventional Radiology.
   c) Labor room: Pain services
   d) Casualty dept.: Resuscitation services,
   e) PACU & ICU care to surgical patients,
   f) Resuscitation services to ICCU & wards,
   g) Trauma care centre operation Theatre & ICU of trauma centre,
   h) VVIP Duty & Medical services to VVIP at Nagpur & nearby area.
• **Mission:**

1. To provide the best possible & at par academic anesthesia education & teaching to UG & PG students.
2. To provide excellent anesthesia services to patients of various surgical specialties.
3. To provide excellent postoperative care at PACU & ICU & thereby reducing the morbidity & mortality of surgical patients.
4. To provide BLS & ACLS training & education to teaching staff & paramedics of other departments thereby is reducing the morbidity & mortality.
5. Basic Life support education to population of city & around by conducting the camps & thereby creating awareness in public about Anesthesiology specialty is a separate branch of medicine.

• **Vision:**

1. To increase in intake capacity of M. D. Anesthesiology seats: From 7 to 16 per year.
2. To start PhD in anesthesiaology course at Govt. Medical College, Nagpur (Dr. Naresh Tirpude Prof. & Head anesthesiology is a Recognized P.G. teacher for Ph. D course for MUHS University, Nashik, Maharashtra).
3. To start the Fellowship certificate course in cardiac anesthesia & Neuro-anesthesia & D.M. Cardiac anesthesia postgraduate degree course at GMC & Super specialty Hospital, Nagpur.
4. To start the fellowship certificate course in pediatric anesthesia.
5. Basic Life Support training to all the paramedics of Govt. Medical College & Hospital, Nagpur, SSH, Nagpur & Trauma Care centre, Nagpur.
6. Liquid Oxygen Plant to GMCH, Nagpur, SSH, Nagpur and Trauma Care Centre, GMCH, Nagpur.
**Functions & Objective:**
1. Catering the anesthesia services to following sections during elective & emergency hours to depts. of hospital- a) Operation Theatre: A, C, D, E, G, F, b) Radiodiagnosis Dept: MRI, CT & Interventional Radiology. c) Labor room: Pain services d) Casualty dept.: Resuscitation services, e) PACU & ICU care to surgical patients, f) Resuscitation services to ICCU & wards, g) Trauma care centre operation Theatre & ICU of trauma centre, h) VVIP Duty & Medical services to VVIP at Nagpur & nearby area.
2. At par anesthesia training to post-graduate students of M.D. and Diploma in Anesthesiology.
3. Anesthesia basic training to UG students and paramedics
4. To improve anesthesia services and resuscitation services to gray areas like surgical camps, ophthalmic camps, laparoscopic camps and NRHM anesthesia services at RH and PHC and District places.
5. To develop new facilities e.g. central gas supply system to all wards of the Hospital and resuscitation kits for each ward.

**Organization Structure & Chart**
1. Department of Anesthesia, Govt. Medical College & Hospital, Nagpur
2. Department of Anesthesia, Trauma Care Centre, Govt. Medical College, Nagpur
3. Department of Anesthesia, Govt. Medical College and Superspeciality Hospital Nagpur.

**Awards & Achievements (if any)**
1. Department of Anesthesia had organized the National Conference of Indian Society of Anesthesiology of India at Govt. Medical College, Nagpur in the Year December- 2010
2. The Department of Anesthesia has bagged Second Prize in the P.G. Anesthesia Quiz Competition (Vidharbha Level) in the Year 2013
3. Dept. of Anesthesia has bagged the Second Prize in the poster presentation at 8th National Conference of Pediatric Anesthesia organized at CMC, Vellore-2015
4. Dept. of Anesthesia has bagged the First Prize in the PPT presentation at NKP Salve Institute of Medical Sciences, Nagpur in the Year 2014.
5. Dept. of Anesthesia has bagged the Second Prize in the PPT presentation at NKP Salve Institute of Medical Sciences, Nagpur in the Year 2015.
6. The Department of Anesthesia has bagged First Prize in the P.G. Anesthesia Quiz Competition (Vidharbha Level) in the Year 2016
7. Central Gas Supply System to GMCH, Nagpur, Trauma Care Centre, and SSH, Nagpur
8. Conducted Various Scientific Programme, CME on Medical Equipment Safety, Sevoflurane, Desflurane, Central Venous Catheterization, and spinal and epidural anesthesia for PG Students on Anesthesia and Staff
Department of Pulmonary Medicine, G M C Nagpur

Introduction

- Department of Pulmonary Medicine
- Government Medical College, Nagpur
- Location/ Address :- TB Ward Premises, (G.M.C., Nagpur), Near Medical Square, Ajni Road,

  Nagpur. - 440003.
- Contact Landline No. - 0712- 2750368, Ext. No. 146.
- Establishment :- 1985

History

- In the year 2002 we got recognition from Medical Council of India as MD Chest Degree.
- In the year 2003 Dept. had Chairman's Office of State Task Force of Maharashtra of RNTCP in all Medical Colleges in the state of Maharashtra. ( Currently) Dr. S.V. Ghorpade is working as a Chairman STF of state of Maharashtra.
- In the year 2004 we got permission from apex body NCCP (National College of Chest Physician) to conduct the National Confrence on Pulmonary Diseases “NAPCON – 2006 “ GMCH, Nagpur.
- On 14th July 2007 we organized a State Level Workshop on RNTCP.
- 1st National Workshop on sleep, heart lungs and brain organized in Nagpur on 13th September 2008
- International Conference on sleep disorders (SLEEPCON – 2011) organized by the Dept. 2011.
Head of Department

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<thead>
<tr>
<th>Sr. No.</th>
<th>Name of HOD</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. B.R. Maldure (A.P. &amp; HOD)</td>
<td>12/02/85</td>
<td>Nov. 1997</td>
</tr>
<tr>
<td>3</td>
<td>Dr. B.O. Tayade (Professor &amp; HOD)</td>
<td>28/09/2001</td>
<td>30/06/2008</td>
</tr>
<tr>
<td>4</td>
<td>Dr. T.M. Dhamgaye (Professor &amp; HOD)</td>
<td>01/07/08</td>
<td>13/06/2011</td>
</tr>
<tr>
<td>5</td>
<td>Dr. S.V. Ghorpade (Professor &amp; HOD)</td>
<td>13/06/2011</td>
<td>Till the date</td>
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</table>

Mission

The Division of Respiratory Medicine is committed to advancing the prevention and treatment of Respiratory diseases through integration of patient care, Respiratory Medical research and professional education

Vision

- To improve the lung health of the Community.
- Fostering excellence in training and maintaining generation of educators in Respiratory care medicine.
- To provide State of art health care facilities in respiratory medicine.
- The dept. has proposed a unified building block wherein comprehensive Respiratory care will be delivered to the patient under one roof.
Functions and Objectives

- Provide specialty treatment (working as a tertiary care centre in Respiratory medicine) to the indoor patients, outdoor patients, Referred cases from within and outside of State of Maharashtra.

- Post graduate and undergraduate teaching (Admission of 1 MD and 2 DTCD seats per year under MUHS)

- Various procedures and tests (specialize tests) (Pulmonary function tests, Fibrotic videobronchoscopy, Medical thoracoscopy etc.)

- Doing and participate in various research work.

- Coordinate and work with RNTCP.

Organization structure and chart

- 2 Units, 60 bedded.

- HOD and Prof Dr. S. V. Ghorpade

- Professor -1

- Associate Professor – 2

- Assistant professor – 3

<table>
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<tr>
<th>UNIT- 1</th>
<th>UNIT- 2</th>
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<tr>
<td>Dr. S. V. Ghorpade (Professor) (Asso.Professor) (Unit Incharge)</td>
<td>Dr. Pankaj M. Gholap ( Asst. Professor) ( Unit Incharge)</td>
</tr>
<tr>
<td>Dr. Vinit Niranjane (Asso. Professor)</td>
<td>Dr. Gopal Solanke ( Asst. Professor)</td>
</tr>
</tbody>
</table>
- Dr. Gyanshankar P. Mishra (Asst. Professor) - Dr. Sameer D. Adwani (Assit. Professor)

**OPD / Clinic days**

- Unit - I. Monday, Wednesday, Friday.
- Unit – II. Tuesday, Thursday, Saturday.

**Award & Achievements**

- Dept. of Respiratory Medicine 1 MD/ 2 DTCD Recognized from Medical Council of India.
- Conducted “NAPCON – 2006” at Government Medical College & Hospital, Nagpur. (Organizing Secretary – Dr. B.O. Tayade) On dated 1st Nov. 2006 to 5th Nov. 2006.
- International Conference on Sleep Disorders – SLEEPCON – 2011. (Organizing Secretary – Dr. Sushant H. Meshram) Dated & Year 8, 9 & 10 April 2011.
- PULMOQUIZ-2012 organized on 18th July 2012.
- PULMOQUIZ – 2015 Runner up Team from IGGMC, Nagpur.
- Dr. S.V. Ghorpade (HOD & Professor, Dept. of Respiratory Medicine, GMC, Nagpur)

Selected as a Chairman’s of State Task Force, State of Maharashtra.

- Various state & international level publications in index journal
Department of Dentistry, G M C Nagpur

INTRODUCTION

Department of Dentistry is attached to the department of Plastic surgery since 1958.

The Dentistry department is working in collaboration with the Plastic surgery department ever since .At present the staff working in the dental department is of the cadre of gazette officer.

There is one Associate professor and two Assistant Professors and in non-gazetted cadre comprised of one Dental Hygienist and one dental technician .One post each of professor &Associate professor are vacant.

MISSION

To render basic dental care and dental education to the patients

To adopt a multi-disciplinary approach

To establish the department of dentistry for modern dental services

VISION

As per the departmental requirements, the developed fully equipped Dept. of Dentistry shall render our services to the urban poor; rural and tribal patients in need of speciality treatment in and around Nagpur district.

We shall impart knowledge and education to the medical under graduate students regarding recent trends in modern dentistry

We shall prepare them to be useful in rural and tribal areas to be able to treat patients as a general physician.
FUNCTIONS & OBJECTIVES:

- We shall cater to the needs of all indoor patients having dental problems
- Emergency management of dental patients
- Management of medico-legal subjects
- Imparting education to MBBS students for academics
- Computerization and proper maintenance of records for helping in efficient administration

STAFF POSITION

The staff position of the Dentistry department is as follows:

<table>
<thead>
<tr>
<th>Position</th>
<th>Required</th>
<th>Filled</th>
<th>Vacant</th>
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</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>NIL</td>
<td>1</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Junior Resident</td>
<td>2</td>
<td>NIL</td>
<td>2</td>
</tr>
<tr>
<td>Dental technician</td>
<td>4</td>
<td>2*</td>
<td>2</td>
</tr>
<tr>
<td>Store Keeper cum clerk</td>
<td>1</td>
<td>NIL</td>
<td>1</td>
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</table>

*The post of Dental hygienist is shown under the heading of Technician. Two posts of dental surgeon shall be created to cater to the needs of the department.
Department of Otorhinolaryngology & Head & Neck Surgery (ENT) G M C, Nagpur

Introductions:

The Ear, Nose, Throat and Head and Neck Surgery department diagnose & provide medical and/or surgical treatment for conditions affecting the ear, nose, sinuses, larynx, throat, face, neck & some related regions shared with other specialties (for e.g. lacrimal sac and & tear duct conditions, orbital complications with the Department of Ophthalmology, conditions affecting base of skull in collaboration with department of Neurosurgery & Department of Plastic Surgery for repair of defects following excision of primary tumors of Head & Neck region).

The ENT department treats patients of all ages, both adults and children. The ENT department treats practically all ENT conditions focusing on Ear Surgery, Sinus Surgery, ENT oncology, Voice disorders, deafness, vertigo, snoring etc.

The department provides enriched clinical training for undergraduate medical students as well as strengthens professional training for interns and provides postgraduate research and training.

Mission –

1. To provide state of art medical care for patients with ENT diseases and head, neck diseases.
2. To produce graduates who have all skills and competencies necessary to function as a consultant in Otorhinolaryngology.

VISION

1. To provide high quality medical care using the best of the technology available to us.
2. Also to provide training and research opportunities for undergraduate & post graduate students in line with the international standards.
Functions & Objectives-

1. Routine Out patient Department check up & perform OT procedures.
2. Provide Speciality clinics like Deafness clinic, Geriatric clinic, Endoscopy clinic, Voice clinics etc.
3. Establish special programmes like cochlear implantation.
4. Develop adequate infrastructure and staff for OPD & OT services.
5. Upgradation of instruments & teaching facilities.

Organization structure & Chart

<table>
<thead>
<tr>
<th>Unit I</th>
<th>Unit II</th>
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<tbody>
<tr>
<td>Dr. K.S. Dasgupta</td>
<td>Dr. B.D. Bokare</td>
</tr>
<tr>
<td>Prof. &amp; Head</td>
<td>Asso. Prof.</td>
</tr>
<tr>
<td>Dr. S.V. Patel</td>
<td>Dr. K. Tadke</td>
</tr>
<tr>
<td>Asso. Pro.</td>
<td>Asso. Prof.</td>
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<tr>
<td>Dr. P.T. Sakhare</td>
<td>Dr. S. Deshmukh</td>
</tr>
<tr>
<td>Assi. Prof</td>
<td>Assi. Prof</td>
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<tr>
<td>Mrs. Ishita Kinariwala</td>
<td>Audiologist</td>
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<td>SR</td>
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<td>JR-III</td>
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<td>JRI</td>
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<td>Staff Nurse-1</td>
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<td>Clerk -1</td>
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<td>Peon-1</td>
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<td>Attendent-1</td>
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<td>Sweeper-1</td>
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AWARDS & ACHIEVEMENTS

Publications Listed in PubMed Indexed Journals in last 5 years (2010-2014)

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of the Author</th>
<th>Title of Publications</th>
<th>Name of Journal</th>
<th>Volume, issue, Page No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr Kalpana Dasgupta</td>
<td>1) Deviated nasal septum: Meddling in middle ear</td>
<td>Orissa journal of otolaryngology and head and neck surgery</td>
<td>6; 8-10 Jan-june 2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Otitis Media: Does the onus lie on sinonasal disease</td>
<td>Indian Journal of Otology</td>
<td>17(1);40,2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3) A study of SNOT22 scores in adults with no sinonasal disease</td>
<td>Journal of Rhinolaryngootologie s</td>
<td>1,6-10,2013</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4) Retrospective analysis of 298 cases of deep neck infections, its diagnosis and management.</td>
<td>Science Journal of Medicine and clinical trial, Nigeria</td>
<td>2013</td>
</tr>
<tr>
<td></td>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
<td>Year</td>
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<tr>
<td>2</td>
<td>Dr. Seema Patel, Dr. Bhagyashree Bokare</td>
<td>Killian Jamieson Pouch: A Rare Cervical Diverticulum</td>
<td>International journal of phonosurgery &amp; laryngology,</td>
<td>3(2),65-68, 2013</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Seema Patel</td>
<td>1) Cost effectiveness analysis of antimicrobials in ASOM</td>
<td>Orrisa journal of otolaryngology and head and neck surgery</td>
<td>2010</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Clinicopathological study of cervical lymphadenopathy</td>
<td>The Indian practitioner</td>
<td>63;11:2010</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Kanchan Lanjewar Tadke</td>
<td>1) An unusual presentation of dentigerous cyst of maxilla - A case report.</td>
<td>Orissa journal of otolaryngology and head and neck surgery</td>
<td>8; 40-42 , Jan-Jun 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Study of Indication, complication and outcome in Endoscopic Septoplasty.</td>
<td>Journal of Evolution of Medical and Dental sciences.</td>
<td>3;3455-3459, March 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3) Role of Nasal endoscopy in</td>
<td>International Journal of Scientific study</td>
<td>2;6-10, April 2014</td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
<td>Year</td>
<td></td>
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<tr>
<td>Dr P.T.Sakhare</td>
<td>1) A Study of tumours giving rise to unilateral proptosis.</td>
<td>IJLO &amp; HNS</td>
<td>65, July 2013</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2) Management of tracheobronchial foreign bodies – a retrospective &amp; prospective study</td>
<td>IJLO &amp; HNS</td>
<td>66 Jan 2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3) Huge Lymphangioma extending to tongue</td>
<td>IJLO &amp; HNS</td>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>Dr S.V.Deshmukh</td>
<td>1) Wegeners granulomatosis mimicking skull base osteomyelitis</td>
<td>J Laryngol Otol</td>
<td>126, 203-206, 2012</td>
<td></td>
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<td>7)</td>
<td>An Unusual presentation of Bilateral vocal fold palsy due to spinal muscular atrophy.</td>
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Department of Medicine, G M C H Nagpur

INTRODUCTION:

The Department of General Medicine was started functioning in the year 1948.


The current admission strength of M.D. General Medicine is 11 per year and the degree recognised by Medical Council of India in 1955.

MISSION: Catering the Medical Services to following sections.

1. Emergency Medical Services (Medical Casualty).

2. Intensive Care Unit Services to serious patients.

3. Intensive Coronary Care Unit services to cardiac disease patients.

4. Swine - Flu Intensive care unit providing services to swine - Flu care.

5. Infection Disease Unit to provide services to contagious disease patients.

6. Medicine wards treatment for evaluation of patients.

7. OPD services.
8. VVIP duties providing Emergency Medical Services to VVIP at Nagpur and nearby area.


10. General Medicine basic training to UG students.

11. General Medicine basic training to Interns.

12. General Medicine basic training to Paramedics (Nursing, BPMT, OTPT, Dental, MOCP).

13. To improve medical services and resuscitation services to gray areas like rural sector, and NRHM services at Rural hosp. and PHC and District hosp.

VISION:

1. To develop new educational courses (Fellow-ship courses) in
   b. Critical Care Medicine.
   c. Geriatric Medicine.

2. To develop new Sub-Department Specialties like
   a. Geriatric Medicine,
   b. Hematology,
   c. Rheumatology,
   d. Oncology.

3. To increase in intake capacity of M.D. General Medicine Post-Graduate seats from 11 seats per year to 15 seats per year.
FUNCTIONS AND OBJECTIVES

GOAL:

The broad goal of the teaching of undergraduate students in General Medicine is to

Produce graduates capable of delivering efficient first contact medical care.

OBJECTIVES:

The departmental objectives, syllabus and skills to be developed in the department of
General Medicine during under-graduate medical education are presented herewith.
These are prepared taking into consideration of various aspects and institutional goals
given below:

1. A medical student after graduation may have different avenues of his/her
   professional career and may work either as a first contact physician in a private,
   semi-private or public sector or may take up further specialization in medicine or
   other specialties.

2. He may have to work in different settings such as rural, semi-urban or urban which
   may have deficient or compromised facilities.

3. These are based on the various health services research data in our community.

4. These are also based on institutional goals in general;

5. At the end of the teaching/ training the undergraduate will be able to:

   a. Diagnose and manage common health problems of the individual and the
      community appropriate to his/her position as a member of the health team at
      primary, secondary and tertiary levels.

   b. Be competent to practice curative, preventive, promotive and rehabilitative
      medicine and understand the concepts of primary health care.
c. Understand the importance and implementation of the National Health Program in the context of national priorities.

d. Understand the socio-psychological, cultural, economic and environmental factors affecting health and develop humane attitude required for professional responsibilities.

e. Develop the ability for continued self-learning with a scientific attitude of mind and acquire further expertise in any chosen area of medicine.

A. KNOWLEDGE

At the end of the course, the student shall be able to:

1. Describe aetiology, pathophysiology, principles of diagnosis and management of common medical problems including emergencies, in adults and children.

2. Define indications and methods for fluid and electrolyte replacement therapy including blood transfusion.

3. Define asepsis and disinfection and recommend judicious use of antibiotics.

4. Describe common malignancies in the country and their management including prevention.

5. Enumerate different types of drugs, their indications, mode of administration, contraindications and side effects.

B. SKILLS

At the end of the course, the student should be able to

1. Diagnose common medical conditions both acute and chronic, in adult and children.

2. Plan various laboratory tests for medical conditions and interpret the results.

3. Identify and manage patients of various types of shock.
4. Manage CPR and maintain air-way patency.

5. Monitor various patients’ in General Medical wards, Medicine ICU, Medicine ICCU.

6. Identify congenital anomalies and refer them for appropriate management.

C. HUMAN VALUES AND ETHICAL PRACTICE

Adopt ethical principles in all aspects of his clinical practice. Professional honesty and integrity are to be fostered. Medical care is to be delivered irrespective of the social status, caste, creed or religion of the patient.

Develop communication skills, in particular the skill to explain various options available in management.

Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues and specialist in the field when needed.

Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

D. ORGANISATION STRUCTURE AND CHART

a. Total Units 6 (Unit I, II, III, IV, V and VI) Plus

b. EMS Unit (Emergency Medical Unit)

c. (ICU and ICCU.

d. IDH (Infectious Disease Unit)

e. Swine-Flu Unit

f. Kidney Unit.
AWARDS AND ACHIEVEMENTS BY DEPARTMENT / INDIVIDUALS

1. Department of General Medicine has organised CME on Diabetes along with MERCK Company as per directives of DMER Mumbai in February 2015 and 29th June 2016.

2. Recognized DNB exam centre.

Award at API Jaipur and Chennai, AMS award, AMWI award won by Dr. Mrs. M.P. Holay
Department of Gynecology and Obstetrics, G M C H Nagpur

Introduction:

Obstetrics and Gynecology department of Government Medical College and Hospital, Nagpur is functioning since 1947. It is one of the oldest Department catering to major population of Vidarbha and central India. It provides emergency services in Obstetrics and Gynecology, Family Planning, Infertility and Gynecological cancers.

Mission:

The aim of the department is to provide basic services to the poor and needy patients, to implement preventive measures for safe motherhood and to decrease maternal and perinatal morbidity and mortality. At the same time focus on the services like critical care to serious patients in obstetric ICU and teaching and quality research work for the faculty.

Vision:

The staff believes in carrying forward the conventional as well as modern system of patient care and teaching in a strive to maintain the strength, integrity and standard of the department.

Functions and Objectives:

1. To provide basic obstetric care for mother and neonate.
2. To provide emergency services in Obstetrics and Gynaecology.
3. To provide critical care for serious patients in state of the at high dependency unit.
4. To provide quality education to undergraduate and postgraduate students by means of PG meet, seminars, tutorials, CMEs and lectures.
5. To indulge in quality research work by faculty and students.
6. To improve the standard of learning by library and museums.
7. To improve operative facilities by newer equipments.

8. To run centers for In vitro fertilization, cancer clinics, fetal medicine and family planning.

**Organization structure:**

The department of Obstetrics and Gynecology has 6 units with professor, associate professor, lecturers, senior residents and junior residents. There are two OPDs run on different days by each unit. There are two labor rooms for high and low risk obstetric patients and one High dependency Unit. The department is well equipped with staff and equipments for critical services 24*7. It has modern operation theatre compiles with estimated 6000 major operations in a year. The total no of patients attending ANC and Gynecology OPD daily are is 250 and 100 respectively. The total no of sanctioned beds are 250. There are 200 undergraduate students 13 postgraduate students each year, 2 senior residents, 10 lecturers, 9 associate professors and 2 professors with other paramedical and clerical staff.

**Award and achievements:**

1. Best paper presentation award in IMSCON- Dr. Preeti Chandak (2016)

2. Best poster presentation in Gynaecon 2015 - Dr. Nithika (2016)
Department of Ophthalmology, G M C H Nagpur

**Introduction:**
Ophthalmology is one of the core subjects in medicine. Ophthalmology Department was established with the inception of Govt, Medical College, Nagpur in 1947. Dr. Premchandra was First Head of the department and is currently headed by Dr. A. H. Madan since 2009. The Department Provides world class education in Ophthalmology to Undergraduate and Postgraduate Students with Four Degrees (M.S and three diploma (DOMS) MCI Recognized seats in the department. Hundreds of postgraduate Students passed out from the department till date are spread all over world working as Academicians i.e HODs, Professors, Lecturers and clinicians i.e general ophthalmologists, oculoplastic Surgeons, vitreoretinal surgeons and cornea specialists.

The department has state of art diagnostic modalities such as OCT, FFA,PERIMETRY, A-SCAN, B-SCAN, AUTO-REFRACTION, FUNDUS CAMERA, YAG LASER, GREEN LASER, for the benefit of patients.

**Mission:**
We are department of highly trained and motivated individuals with integrity and social consciousness committed to medical education and research in ophthalmology with application towards betterment of eye care of the society.

**Vision:**
To make the department center of academic excellence through appropriate, innovative and need based patterns of teaching and patient care which are student centered, problem based and community oriented so as to set high parameters of quality of higher education, research and patient care in ophthalmology.

**Function & Objective:**
1) To improve quality of patient care in ophthalmology.

2) To ensure state of art facilities for education, training and patient care in dept. of ophthalmology.
3) To become center of excellence for research and development and for sharing knowledge and its application.
4) To strive for creation of new Knowledge, Techniques and their preservation and dissemination.
5) To assess UG students in the form of theory and practical examination as per University Norms.
6) To carry out PG teaching, journal clubs, seminars, tutorials and CMEs.
7) To create awareness among the general public about preventable blindness.
8) To motivate general public about eye donation through maintenance of an Eye Bank.
9) To provide specialty eye care to general public.
10) To become a Regional Institute for education, training and research in ophthalmology.

**Organization Structure & Chart**

**PROFESSOR AND HEAD**

- **TEACHING STAFF**
  - Associate Professor (3)
  - Assistant Professor (5)
  - Senior Resident Doctors (3)
  - Junior Resident Doctor (19)
- **NON-TEACHING STAFF**
  - Clerk (2)
  - Technician (1)
  - Attendant (2)

**Awards & Achievements:**

1) Dr. Anand Partani, PG student was university topper in May 2012.
2) Dr. Pooja Gupta, PG student was university topper in May 2013.
3) Dr. Bhushan Ghodke won Best Paper award in All India Conference in Ophthalmology in 2013.
4) PG students won the national level quiz in ophthalmology in 2015.
Department of Orthopaedic, G M C H Nagpur

Introduction

Department of orthopaedics at government medical college, Nagpur has four units. The department of orthopaedics is headed by senior professor Dr Sajal Mitra. The department has 11 faculty posts which include 1 professor, 4 associate professors and 6 assistant professors who conduct teaching programs for postgraduates, undergraduates and para clinical students. We have three separate wards with total 115 beds. We have fully dedicated operation theatre with 4 operation tables. The work has been equally distributed among each unit. Each unit has its own casualty, OPD and operative days. We have postgraduate course (M.S. Ortho) in which every year six students gets admitted. Facilities provided by our department are fracture clinic, spine clinic, arthroscopy sports medicine, arthroplasty clinic, paediatric orthopaedic clinic, sickle cell clinic in association with department of paediatric. We have research publications in various indexed journals. Our department is one of the best in central india to learn orthopaedics and serve as a tertiary referral centre.

Mission

The mission of the department is to provide excellent knowledge as well as rigorous training that will prepare the students to meet the professional and scientific challenges, to be compassionate for the sick and commitment to serve the underserved.

Vision for department up gradation in next 10 years

a. Separate orthopaedic building block – At present OPD is congested and there is no space to house speciality clinic like back pain clinic, sports injury clinic, paediatric orthopaedic clinic, joint replacement clinic etc. At present orthopaedic needs additional ward to meet with these requirements. Orthopaedic patients have difficulty in mobility and often need wheel chairs and stretcher, hence it is...
logical that all facilities like OPD, ward, OT and rehab should be adjacent and nearby, desirably in the same building, hence the justification.

b. Sports injury centre – Regional sports injury centre if developed with OPD, ward, OT and rehab will be great asset for promotion of sports and specialized care of sports injury patients.

c. Bone bank – There is no bone bank in central India. It will promote organ donation and help surgeon perform surgeries after trauma and in cancer cases.

d. Cadaveric lab – This facility if developed will be helpful in training and teaching practical orthopaedics to students and surgeons and will be unique facility in central India.

e. Rehabilitation centre – A comprehensive rehabilitation centre with ward, OPD, OT for the patients of post injury and post disease permanent disability, which will include ward, OPD, OT, occupational rehabilitation, recreational rehabilitation, and family rehabilitation can be established and is the need of the hour. This can be done including the existing facilities of RLFC, physiotherapy and occupational department.

f. Spinal cord injury centre – A satellite centre of spinal cord injury under spinal cord injury centre scheme of ministry of social justice and empowerment, Government of India can be created and assimilated into comprehensive rehabilitation centre.

**Function and objectives**

a. Objective - to attain self-sufficiency in postgraduates in orthopaedics and allied sciences.

b. Function – teaching of postgraduates, innovation in orthopaedics, and research in orthopaedics.
Organizational structure and chart

<table>
<thead>
<tr>
<th>Unit I</th>
<th>Unit II</th>
<th>Unit III</th>
<th>Unit IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Sajal Mitra (Professor &amp; unit Head)</td>
<td>Dr Satyajeet Jagtap (Asso. Professor &amp; unit Head)</td>
<td>Dr Sumedh Chaudhary (Asso. Professor &amp; unit Head)</td>
<td>Dr Pankaj Tathe (Asso. Professor &amp; unit Head)</td>
</tr>
<tr>
<td>Dr Pravin Agarwal (Asso. Professor)</td>
<td>Dr Mukesh Sancheti (Asst. professor)</td>
<td>Dr Shivraj Suryavanshi (Asst. professor)</td>
<td>Dr Vikas Atram (Asst. Professor)</td>
</tr>
<tr>
<td>Dr Manish Kawade (Asst. professor)</td>
<td>Dr Sandesh Thete (Asst. Professor)</td>
<td>Dr Sagar Raghuwanshi (Senior resident)</td>
<td>Dr Saurabh Sah (Asst. Professor)</td>
</tr>
<tr>
<td>Dr Snehal Sambharkar (Medical officer)</td>
<td></td>
<td></td>
<td>Dr Swapnil Hajare (Senior Resident)</td>
</tr>
<tr>
<td>Dr Rahul Davari (Senior Resident)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Departmental of Pediatric, G M C H Nagpur

Introduction:
Department of Pediatric was established in year 1961 as an independent department. Department has 4 Pediatric Units, 3 general Pediatric Wards with total bed strength of 120, 20 beded NICU and 10 beded PICU catering patients care services including intensive & sub-specialty services in central India as tertiary care referral hospital. Department is also running Postgraduate courses (M.D. Pediatrics & D.C.H.) with intake capacity of 8 P.G. Seats per year. Department is committed to provide quality education to the undergraduate & postgraduate students, implementation of various training programme, academic & research activities, CME and workshops. Department is also committed for implementation of National Health programme related child health care.

Mission:
1) Department is always committed for advancement and providing quality patients care services including intensive care services & subspecialty services, and implementation of various health programme to reduce the burden on infant mortality rate and under 5 mortality rate in Pediatric population.
2) Department is always committed for providing standard quality education and training to the U.G. & P.G. students pertaining to pediatrics.
3) Department is committed for research and other academic activities for the students, faculty and paramedical staff.

Vision:
1) Expansion of the department to develop as child health institute with separate building complex which includes pediatric outdoor department, indoor wards, NICU, PICU, department, seminar & lecture room, research lab and separate casualty.
2) Development of perinatology and genetic unit for ANC screening, diagnosis and intervention for various genetic disorders.

3) To start post M.D. fellowship programme in neonatology and pediatric critical care.

**Function & Objective:**

1) To provide quality patient care services including intensive care services and sub specialty services to the pediatric population.

2) To provide high standard quality education and training to U.G. and P.G. students and paramedical staff.

3) Implementation of national health and training programme related to child health.

4) To promote and develop the facility for research activity related to child health among P.G. students and faculty in department.

**Organization Structure & Chart:**

- Dept. of Pediatrics
  - Patient Care Services
    - Outdoor and Indoor services
    - Intensive care services
    - Specialization Patient care services
  - Teaching and Academic Activity
# Outdoor & Indoor Patient Care Services

<table>
<thead>
<tr>
<th>OPD Days</th>
<th>Unit</th>
<th>Unit Incharge &amp; Consultant</th>
<th>Designation</th>
<th>IPD Ward No</th>
<th>Bed Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>I</td>
<td>Dr. A. K. Niswade</td>
<td>Dean &amp; Add. Prof.</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Urmila Chauhan</td>
<td>Asso. Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Madhura Abhishek</td>
<td>Asst. Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday &amp;</td>
<td>II</td>
<td>Dr. C. M. Bokade</td>
<td>HOD &amp; Prof.</td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td>Friday</td>
<td></td>
<td>Dr. Ajay Kasumbiwal</td>
<td>Asso. Prof.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Vishal Gajimwar</td>
<td>Asst. Prof.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wednesday &amp;</td>
<td>III</td>
<td>Dr. Saira Merchant</td>
<td>Professor</td>
<td>6</td>
<td>40</td>
</tr>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; &amp; 3&lt;sup&gt;rd&lt;/sup&gt; Saturday</td>
<td></td>
<td>Dr. Faruk Aziz</td>
<td>Asst Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thursday &amp;</td>
<td>IV</td>
<td>Dr. Rajkumar Meshram</td>
<td>Asso. Prof</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; &amp; 4&lt;sup&gt;th&lt;/sup&gt; Saturday</td>
<td></td>
<td>Dr. Swapnil Bhongade</td>
<td>Asst. Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday</td>
<td>by rotation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Intensive Care Services

1) PICU (10 Beded)

Incharge – Dr. Mohini Apte (Assistant Professor)

Well-equipped life support & Monitoring System.

2) NICU (20 Beded)

Incharge – Dr. Sandeep Golhar (Associate Professor)

Dr. Himali Meshram (Assistant Professor)

Well-equipped life support & Monitoring System.

Specialty Services:

1) Thalassemia Day Care Centre

3 beds with blood /blood components transfusion facility.

2) Specialty Clinics

<table>
<thead>
<tr>
<th>SR.NO</th>
<th>CLINICS</th>
<th>DAYS</th>
<th>INCHARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Sickle cell clinic</td>
<td>Tuesday</td>
<td>Dr. Ajay Kasumbiwal</td>
</tr>
<tr>
<td>2.</td>
<td>Well baby and high risk infant follow up clinic</td>
<td>Thursday</td>
<td>Dr. Sandeep Golhar</td>
</tr>
<tr>
<td>3.</td>
<td>Neurodevelopment clinic</td>
<td>Friday</td>
<td>Dr. Urmila Chauhan</td>
</tr>
<tr>
<td>4.</td>
<td>Child guidance clinic</td>
<td>Monday</td>
<td>Dr. Urmila Chauhan</td>
</tr>
</tbody>
</table>
3) **Camp Services**:

Diagnostic and treatment services at Rural Health Clinic Saoner monthly on 4\textsuperscript{th} Tuesday and at various places.

**Teaching & Academic Activities**

1) **Undergraduate Teaching**:

- Lectures 72 Hours – 4 lecture series
- Tutorials 56 Hours – 1 tutorial series
- Bedside Clinics 1500 Hours

(Clinical posting) (10 weeks)

As per the Guidelines of Maharashtra University & Health Sciences Nashik part completion Theory & Practical examination will be conducted at the end of 6\textsuperscript{th} term, 8\textsuperscript{th} term & Preliminary examination.

2) **Post Graduate Teaching**

A) Bed side teaching daily in respective units.

B) Weekly post graduate teaching activity were conducted in department with all P.G. students and faculty member inform & case discussion, Seminars, Journal Reading and Research Methodology.

<table>
<thead>
<tr>
<th>SR.NO.</th>
<th>DAY</th>
<th>P.G. ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Monday</td>
<td>Long case discussion</td>
</tr>
<tr>
<td>2</td>
<td>Tuesday</td>
<td>Seminar</td>
</tr>
<tr>
<td>3</td>
<td>Wednesday</td>
<td>Thesis review</td>
</tr>
<tr>
<td>4</td>
<td>Thursday</td>
<td>Journal review</td>
</tr>
</tbody>
</table>
C) Integrated Teaching.

D) Periodic evaluation & assessment in clinical, procedure skills and theory will be conducted as per term according to MUHS, Nashik guidelines.

3) Academic Activities :

A) Guest Lectures

Guest Lectures were conducted for P.G. Students on various topics monthly by eminent faculty.

B) CME Activities

CME activities for Post graduate on various topics with the help of NGO and Public Health department like Polio and MMR Surveillance.

C) Research Paper Presentation

D) Death Audit and CPE Meeting

E) Various Workshop

F) Conducting Quiz for undergraduates & Postgraduates in Pediatrics and Neonatology.

**Award & Achievements**

1) Best Papers is awarded in the National conference Neuropedicon-2016.

2) Winner of Division Round of IAP Quiz 2016 – UG As well as PG teams from Department of Pediatrics.
INTRODUCTION

This is the first department of Plastic Surgery started in India in the year 1958. Late Dr. C. Balakrishnan was instrumental in starting the department and was the first HOD till 1965. Thereafter Dr. L. K. Sharma headed the department till 1991.

From 1991 onwards to July 2016; Dr. Satish M Kale was the HOD till July 2016.

From July 2016; the reins of the department have been entrusted in the hands of Dr. Surendra kumar B Patil who is ready to take this illustrious department to new highs. Dr. Surendra kumar Patil is currently heading the department. The last MCI inspection was conducted in the year 1993.

Presently, the department is recognised by MCI with one MUHS approved PG teacher and an annual intake capacity of 2 MCh students.

The Plastic surgery department has attached to it the following allied specialities

- Dental department
- Occupational Therapist
- Physiotherapist
- Dedicated Photo Artist (Photographer)

MISSION:

The mission is to provide the best & state of the art treatment in the field of plastic surgery to the people of the region maintaining the utmost ethical and standard principles as well as training of a new generation of plastic surgeons.

VISION:

To develop sub specialities of plastic surgery like

Aesthetic surgery
Craniofacial surgery
Microvascular surgery

Trauma surgery

Post Burns Reconstruction

**FUNCTIONS & OBJECTIVES;**

To provide tertiary plastic surgery care and services to the people of this region and the neighbouring states.

To provide Plastic Surgery trainees with theoretical as well as Hands on training at various plastic surgical procedures.

To promote and carry out research activities in the field of plastic surgery

To encourage & guide post graduates to publish and present papers in different plastic surgery forums and conferences.

**ORGANISATION & STRUCTURE :**

The Department has the following posts as on 19th September, 2016

**Professor in Plastic Surgery** – Vacant

**Associate professor in Plastic surgery** – Dr. Surendrakumar B. Patil (regular)

Dr. S. B Patil is also the **acting HOD** of the department.

**Assistant Professor in Plastic Surgery** (Dr. Tarunkumar Deshbratar (adhoc)

**Registered posts of MCh (Post Graduate residents in plastic**

Dr. Shree Harsh Singh **SR III**

Dr. Shrikant A Perka **SR III**

Dr. Nikam Rahul Madhukar **SR II**

Dr. V. Manjunath **SR II**

Dr. Rupesh G Thakre **SR I**
Dr. Surajsing A Chauhan **SR I**

Recently, the trauma center has started at GMC Nagpur and two posts have been created for the same.

**Assistant Professor in Plastic Surgery (Trauma)** Dr. Amol Dhopte

**Senior Resident in Plastic surgery (Trauma)** Dr. Pranam Sadawarte

**AWARDS & ACHIEVEMENTS:**

Dr. Surendrakumar B Patil

PGDHHM – Post Graduate Diploma in Hospital and Health management from IGNOU

More than 21 indexed research publications in international & national journals

Treasurer, Central India Association of Plastic Surgeons

**LIST OF INSTRUMENTS IN DEPARTMENT OF PLASTIC SURGERY:**

1. Hand held Doppler
2. Nasal Endoscope
3. Nerve Stimulator
4. 2 Cautery machines (Unipolar & Bipolar)
5. 2 Head mounted lights (Xenon light source)
6. Microvascular Instrument set
8. Cleft lip and cleft palate instrument set
9. Skin graft mesher **Fixed 1:3 ratio**
10. Skin grafting handles **3 pieces**
Department of Psychiatry, G M C H, Nagpur

Introduction –

Department of Psychiatry, GMC, Nagpur was established in 1981.

Since November 2009 Inpatient services became operable. Dr. Rajiv M. Haridas was the first Faculty appointed as Lecturer in Dept. of Psychiatry. Dr. Prashant G. Tiple is the first Professor of Department of Psychiatry, GMC, Nagpur and since 2011 heading the Department.

Mission – A tertiary care centre of excellence to cater the Mental Health needs of people of Central India.

To, promote Mental Health which is person focused, integrated, and comprehensive accessible and cost effective.

To pursue continuous learning and research.

Vision

Department of Psychiatry, Government, Medical college and Hospital is dedicated to improving lives of patients and families affected by psychiatric illness across central India.

In near future we will provide Training to next generation of leaders in Psychiatry, Mental health and Neurosciences.

We will provide public education to reduce stigma.

Functions and Objectives

a) We provide OPD and IPD services,
b) Certification of Intellectually Disabled patients,

c) Certificate of Medical Board,

d) Expert opinion in court matter,

e) Deaddiction services,

f) Electro Convulsive Therapy,

g) Attending Psychiatry health Camps.

h) Consultation Liaison services,

i) Teaching MBBS, Occupational Therapy and Nursing Students.

j) Participate in Teaching programme with other Department

k) Doing research with other department.

Organization

We work under guidance of Dean, GMC, Nagpur.

The Head of the Department is has overall responsibility of the Department of Psychiatry.

Awards and Achievements

<table>
<thead>
<tr>
<th>Name</th>
<th>No. of Paper published</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Tiple</td>
<td>05</td>
</tr>
<tr>
<td>Dr. Thakre</td>
<td>02</td>
</tr>
<tr>
<td>Dr. Mahajan</td>
<td>11</td>
</tr>
</tbody>
</table>
Department of Radiology, G M C H Nagpur

Introduction
Radiology is a diagnostic department having following staff members and equipment's.

a) Professor – 01
b) Associate Professor – 05
c) Assistant Professor – 04
d) Post Graduate Students – MD- 12 DMRD – 16
e) Xray Technician – 12
f) CT Scan Technician – 03
g) Dark Room Assistant – 06
h) Stenographer – 01
i) Jr.Clerk – 01
j) Staff Nurse – 15
k) Class IV Staff - 12
l) Equipments –
   D.S.A. Machine - 01
   MRI – 1.5 Tesla - 01
   CT Scan Machine – 01
   Mammography Machine – 01
   Digital Radiography Machines – 02
   X Ray Machines – 02
   Colour Doppler Machines - 02
   Sonography Machines – 02

Mission
Mission of our department is to have a PET Scan, Digital Mammography machine with infrastructure which will be fulfill within near future.

**Vision**
Developing oncoradiology, Nuroradiology and Body Imaging fellowship course.

**Functions and Objective**
Radiology department is working for 24 hours.
Radiology department is having its functions and objectives on monthly as per below mention:

<table>
<thead>
<tr>
<th>Dept. of Radiology</th>
<th>Equipment.</th>
<th>No. of Investigations</th>
<th>No. of break downs with days.</th>
<th>Reason for break</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Image Intensifier With motorized table AREF R.No.8</td>
<td>46</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D R X-ray Machine Room No 11, 300 MA High frequency X-ray Machine</td>
<td>6995</td>
<td>3190</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aloka Colour Doppler Philips Ultra Sound HD 11 &amp; Colour Doppler Philips IU 22</td>
<td>3705</td>
<td>Ultra Sound. (Routine/ANC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>238</td>
<td>Colour. Doppler</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>58</td>
<td>FNAC</td>
<td></td>
</tr>
</tbody>
</table>
### Department Detail

<table>
<thead>
<tr>
<th>Name of Section</th>
<th>No of patient</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRI</td>
<td>379</td>
</tr>
<tr>
<td>C.T. Scan. Machine Philips</td>
<td>1397</td>
</tr>
<tr>
<td>Conventional. (X-ray)</td>
<td>6995</td>
</tr>
<tr>
<td>Ultra Sound.</td>
<td>3705</td>
</tr>
<tr>
<td>Color Doppler</td>
<td>238</td>
</tr>
<tr>
<td>FNAC</td>
<td>58</td>
</tr>
<tr>
<td>Interventional Radiology D.S.A. System</td>
<td>113</td>
</tr>
<tr>
<td>And Special Investigation Room No. 8</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Section</th>
<th>Amount Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MRI</td>
<td>Rs. 7,83,200/-</td>
</tr>
<tr>
<td>2</td>
<td>Spiral C.T. Scan. 256 Slice</td>
<td>Rs. 2,01,000/-</td>
</tr>
<tr>
<td>3</td>
<td>Conventional. (X-ray)</td>
<td>Rs. 2,52,600/-</td>
</tr>
<tr>
<td>4</td>
<td>Ultra Sound</td>
<td>Rs. 78,400/-</td>
</tr>
<tr>
<td>5</td>
<td>Colour Doppler</td>
<td>Rs. 9,300/-</td>
</tr>
<tr>
<td>6</td>
<td>FNAC</td>
<td>Rs. 4950/-</td>
</tr>
<tr>
<td>7</td>
<td>Interventional Radiology (DSA)</td>
<td>Rs. 4800/-</td>
</tr>
</tbody>
</table>
Organization Structure and Chart
Radiology department having organization structure as per below mention
Profesor
Associate Profesor
Assistant Profesor
Resident Doctors (P.G.Students)
Xray Technician
CT Scan Technican
Dark Room Assistant
Stenographer
Jr.Clerk
Staff Nurse
Class IV Staff

Awards and Achievements (if any)
There is no award receive in last year.
Department of Dermatology and Veneral Disease, G M C H Nagpur

INTRODUCTION:

Department of D.V. L. imparts training to Under Graduate, Post Graduate, OTPT. OPD and indoor facilities, Dermato surgical procedures, Laser facilities available, Vitiligo, Nail, Acne surgery. Diagnostic facilities like skin biopsy and Dermatoscopy, Patch testing, PUVA, TRIAL and Research activities.

MISSION:

- Research Oriented management for common skin diseases, with community participation
- Adequate facilities for implementation of National Programmes.

VISION:

Set up 1. Dermatopathology lab,
    2. Dermatosurgery unit,
    3. Aesthetic Dermatology.

FUNCTIONS & OBJECTIVES:

- Implementation of National Leprosy, STI & AIDS Programmes.
- Impart education and counselling to patients by awareness programme, pamphlets for common skin diseases.
ORGANIZATION STRUCTURE AND CHART:

- **Professor and Head**  Dr. R. P. Singh
- **Associate Professor**  Dr. Vaishali Shingade (Wankhade)
- **Associate Professor**  Dr. Jayesh I. Mukhi
- **Assistant Professor**  Dr. Kinjal Rambhia
- **Assistant Professor**  Dr. Gitesh Savatkar
- **Senior Resident**  Dr. Sandip Kulkarni

**Pharmacist**

- Manoj Mankar
- Vinod Sonpipare

**Medical Social Superintendent**  Harish Gajbe

**Staff Nurse**

- Mrs. Kalpana Bandre
- Mrs. Priti Dhoble
- Mrs. Yogeshwari Patle

**Junior Clerk**  Dilip Wankhede

**Attendant**

- Mrs. Umabai Kamble.
- Sanjay Kodwate.
- Mustaq Pathan.
- Vishal Zanzote (Sweeper)

**AWARDS AND ACHIEVEMENT: -**

1) 1ST runner up VDSCON QUIZ (derma), chikaldara, August 2016.

2) Various indexed publications in international, national and regional journals.
Department of Surgery, G M C H Nagpur

INTRODUCTION:-

The Department of Surgery was started functioning in the year 1948.

Dr. Ramesh Nigam (1948-1960) was the first professor and head of department of surgery. Subsequently Dr. D.S. Deodhar (1960-1963), Dr. V.G. Gharupure (1963-1964), Dr. C. Balakrishnan (1964-1965), Dr. Kalke (1965-70), Dr. V. Marwah (1970-79), Dr. M.L. Gandhe (1979-84) Dr. N.K. Deshmukh (1984-90), Dr. S.R. Joharupkar (1990-91) Dr. V.N. Sagdeo (1991-93), Dr. B.P. Deshraj (1993-94), Dr. A.M. Bhole (1994-95), Dr. V.N. Sagdeo (1995-2007), Dr. S.P. Matkari (2007-2014), Dr. B.B. Gupta (4-8-14-5-9-14), Dr. R.N. Gajbhiye (6-9-14 till date).

The current admission strength of M.S. General Surgery is 13 per year and the degree recognised by Medical Council of India in 1971.

MISSION:-

1. Catering the surgical services to following sections during elective and emergency hours to depts. of hospital -

   a) Operation theatre Elective and Emergency (OT-F & OT-C)

   b) Casualty and Minor OT: Resuscitation services

   c) ICU care to surgical patients

   d) Trauma care centre operation theatre and ICU of trauma centre
e) VVIP duties and medical services to VVIP at Nagpur and nearby area

2. At par surgical training to post graduate students of M.S. in surgery

3. Surgical Basic training to UG students and paramedics

4. To improve surgical services and resuscitation services to gray areas like surgical camps, laparoscopic camp and NRHM surgical services at Rural hosp. and PHC and District hosp.

5. To develop new facilities e.g. Fellowship courses in Basic and Advanced laparoscopic surgery for patient care and post graduate teaching.

VISION:-

1. To increase in intake capacity of M.S. general surgery seats from 13 to 24

2. To start PhD in general surgery course at Govt. Medical College Nagpur

3. To start fellowship certificate course in

(a) Fellowship course in minimal access surgery

(b) Fellowship course in Bariatric Surgery

(c) Fellowship course in minimal access surgery – gynaecology

(d) Fellowship course in breast surgery

(e) Fellowship course in trauma centre

(f) Fellowship course in hepatico-pancreatico biliary surgery

(g) Fellowship course in colorectal surgery
FUNCTIONS AND OBJECTIVES

(i) GOAL:

The broad goal of the teaching of undergraduate students in Surgery is to produce graduates capable of delivering efficient first contact surgical care.

(ii) OBJECTIVES:

The departmental objectives, syllabus and skills to be developed in the department of surgery during undergraduate medical education are presented herewith. These are prepared taking into consideration of various aspects and institutional goals given below:

1. A medical student after graduation may have different avenues of his/her professional career and may work either as a first contact physician in a private, semi-private or public sector or may take up further specialization in surgery or other specialties.

2. He may have to work in different settings such as rural, semi-urban or urban which may have deficient or compromised facilities.

3. These are based on the various health services research data in our community.

4. These are also based on following institutional goals in general;

At the end of the teaching/ training the undergraduate will be able to:

- Diagnose and manage common health problems of the individual and the community appropriate to his/her position as a member of the health team at primary, secondary and tertiary levels.

- Be competent to practice curative, preventive, promotive and rehabilitative medicine and understand the concepts of primary health care.

- Understand the importance and implementation of the National Health Programmes in the context of national priorities.
Understand the socio-psychological, cultural, economic and environmental factors affecting health and develop humane attitude required for professional responsibilities.

Develop the ability for continued self-learning with a scientific attitude of mind and acquire further expertise in any chosen area of medicine.

**A. KNOWLEDGE**

At the end of the course, the student shall be able to:

1. Describe aetiology, pathophysiology, principles of diagnosis and management of common surgical problems including emergencies, in adults and children;

2. Define indications and methods for fluid and electrolyte replacement therapy including blood transfusion.

3. Define asepsis, disinfection and sterilization and recommend judicious use of antibiotics.

4. Describe common malignancies in the country and their management including prevention.

5. Enumerate different types of anaesthetic agents, their indications, mode of administration, contraindications and side effects

**B. SKILLS**

At the end of the course, the student should be able to

1. Diagnose common surgical conditions both acute and chronic, in adult and children.

2. Plan various laboratory tests for surgical conditions and interpret the results;

3. Identify and manage patients of haemorrhagic, septicaemic and other types of shock.

4. Be able to maintain patent air-way and resuscitate: (A) A critically injured patient.
(B) Patient with cardio-respiratory failure; (C) A drowning case.

5. Monitor patients of head, chest, spinal and abdominal injuries, both in adults and children

6. Provide primary care for a patient of burns;

7. Acquire principles of operative surgery, including pre-operative, operative and post operative care and monitoring;

8. Treat open wounds including preventive measures against tetanus and gas gangrene.

9. Diagnose neonatal and paediatric surgical emergencies and provide sound primary care before referring the patient to secondary/territory centers;

10. Identify congenital anomalies and refer them for appropriate management.

In addition to the skills referred above in items (1) to (10), he shall have observed/assisted/performed the following:

i. Incision and drainage of abscess;

ii. Debridement and suturing open wound;

iii. Venesection;

iv. Excision of simple cyst and tumours. v. Biopsy and surface malignancy

vi. Catheterisation and nasogastric intubation;

vii. Circumcision viii. Meatotomy; ix. Vasectomy;

x. Peritoneal and pleural aspirations;

xi. Diagnostic proctoscopy; xii. Hydrocoele operation; xiii. Endotracheal intubation

xiv. Tracheostomy and cricothyroidotomy;

xv. Chest tube insertion.
Human values, and Ethical practice

☐ Adopt ethical principles in all aspects of his clinical practice. Professional honesty and integrity are to be fostered. Surgical care is to be delivered irrespective of the social status, caste, creed or religion of the patient.

☐ Develop communication skills, in particular the skill to explain various options available in management

☐ Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues and specialist in the field when needed.

☐ Respect patient's rights and privileges including patient's right to information and right to seek a second opinion

1. Catering the surgical services to following sections during elective and emergency hours to depts. of hospital -

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5. To develop new facilities e.g. Fellowship courses in Basic and Advanced laparoscopic surgery for patient care and post graduate teaching.

**Organisation structure and chart**

1) Department of surgery, Govt. Medical College and Hospital, Nagpur.

Total 8 units (6 General surgery units + 1 Pediatric surgery unit + 1 Burn unit).

2) Department of surgery, Trauma Care Centre, Govt. Medical College, Nagpur

**AWARDS AND ACHIEVEMENTS**

1) Department of surgery has organised a basic fellowship course and workshop on coloproctoscopy and national conference by ACARSI in 2010

2) Dept of surgery has organised a fellowship course in minimal access surgery F.I.A.G.E.S. including course conduct/training /Examiner /Operative workshop operating advanced laparoscopic procedures

3) Dept of surgery had organised MASICON 2015

4) Dept of surgery has organised operative workshops operating advanced laparoscopic procedures.

5) Dept of surgery had organised diagnostic/operative workshop under Maha Arogya Shahya Chikitsa Shibir & operated more than 100 pts from vidarbha region

6) Dept of surgery got first best paper award in MASICON 2015 in PG category

7) First prize in ASN surgical quiz in 2016
Department of Radiation Therapy and Oncology, G M C H Nagpur

- **Introduction**

Department of Radiation therapy and Oncology was established 1952 since inception of Hospital. Department have different radiotherapy treatment facilities like telecobalt unit, Brachytherapy unit, TPS, Day care ward, Chemotherapy for solid tumors, Cancer awareness and detection programme, Palliative care and Oral Morphine facilities.

The Radiation therapy and Oncology department also have Post Graduation (MD Radiotherapy), BPMT Radiotherapy (Radiotherapy technicians) courses and yearly 2000-3000 patients registered in this department.
- **Mission**
  The basic treatment facilities are available in the department but it needs modern treatment facility for upgradation of cancer treatment. Modern radiotherapy equipments would be beneficial for cancer patients, PG students and BPMT students.

- **Vision**
  To established comprehensive cancer care center for cancer treatment like surgical oncology department, Medical Oncology department and Radiation oncology department. etc

- **Functions and objective**
  The Radiation therapy and Oncology department have following facilities
  1) Radiotherapy treatment equipments
     A) Telecobalt unit (Theratron 780E)
     B) Brachytherapy Unit (HDR)
     C) Treatment Planning System (TPS)
     D) C-Arm x-ray machine
  2) Chemotherapy treatment for solid tumors.
  3) Day care and Indoor ward
  4) Palliative care and Oral morphine for cancer care and pain management.
  5) Cancer awareness and detection programme.
  6) To provide cancer treatment as soon as possible without any waiting.
  7) Cancer can be cured if treated in the early stage.
  8) Nagpur Cancer Registry Division of the Mumbai cancer registry.
  9) Cankids for support group of children

- **Organization Structure and Chart**
  The radiation therapy and Oncology department is the part of Govt. Medical College and Hospital Nagpur.
  This department have following staffs as per MCI and AERB
  1 Professor
  2 Associate Professor
3  Assistant Professors
4  Radiation Safety Officer (RSO)
5  Medical Physicist
6  Social worker
7  Radiotherapy Technicians
8  Clerk
9  Post Graduation (MD Radiotherapy) and BPMT Radiotherapy course

- Awards & Achievements (if any)
  1)  Best department Award from institute.
  2)  Organized Maharashtra Chapter and Central India AROI joint conference August 2014.
  3)  Best paper Award for PG student in National conference.
  4)  Various National and International paper Publications.