OUT PATIENT FACILITIES / DEPARTMENTS

1. Emergency Medicine
   Trauma
   Intensive Care Units
   [ICCU | MICU | RICU | SICU | CCU | NICU | PICU | ObGy ICU]

2. General Medicine:
   Neurology, Gastroenterology, Nephrology, Swine Flu OPD, Diabetic clinic,

3. Chest & Tuberculosis
   DOT Center

4. Skin & Dermatology
   Leprosy clinic
   Infectious Diseases OPD & HIV Counseling center

5. Psychiatry
   Psychology
   Child Guidance clinic

6. General Surgery
   Neurosurgery, Plastic surgery, Gastroenterology surgery, Laparoscopic surgery

7. Orthopaedics
   Physiotherapy
   Prosthetics & Orthotics

8. Ophthalmology

9. E.N.T.
   Audiology, Speech Therapy
10. Paediatrics
   Child Welfare including Immunization Clinic
   Child Guidance Clinic
   Child Rehabilitation Clinic including facilities for speech therapy and Occupational therapy &
   Physiotherapy

11. Obst. & Gynaecology
   Antenatal Clinic, Family Welfare Clinic
   Sterility Clinic
   Cancer Detection Clinic
   PPTCT Centre
   Oncology
   Labour Room

12. Geriatric

13. Immuno Haematology & Blood Transfusion
   Blood Bank

14. Anaesthesiology
   Pain clinic

15. Dental

Super specialty Departments
   • Urology
   • Cardiology
   • Cardithoracic Surgery

Full-time qualified Doctors and specially trained nursing staff as well as technical staff for medical
services are available round the clock.

Services & Facilities

I) Hospital Services:
   1) Clinical Services:
      • Reception & Billing
      • Accident /Trauma Unit
      • Emergency Medical Services / Casualty Dept.
      • Blood Bank & component Facilities (Approved by FDA, Accredited by NABH)
      • Central Diagnostic Laboratory Services (Accredited by NABL)
2) Radiology services
- MRI 0.3 Tesla
- Spiral CT Scan Machine
- Digital X ray Machine
- Ultrasonography
- Colour doppler
- DSA
- Heart lung machine
- C Arm
- Electrocardiography
- 2D- Echocardiography
- Mammography

3) Pharmacy

All the services are available round the clock in the Campus

4) Special Facilities:
- Isolation ward
- 2-D Echo Cardiography
- EMG/ EEG
- NCV Studies
- Computerized Stress Test
- Endoscopy
- Physiotherapy
- Eye Bank
- Blood Bank
- Audiometry (Pure tone & Impedance)
- Dialysis Unit

5) OPD with Specialities & Superspecialities

6) IPD Wards

7) Intensive Care Units:

<table>
<thead>
<tr>
<th>ICCU</th>
<th>MICU</th>
<th>RICU</th>
<th>SICU</th>
<th>CCU</th>
<th>NICU</th>
<th>PICU</th>
<th>ObGy</th>
<th>ICU</th>
</tr>
</thead>
</table>
8) Operation Theatre

- Clean O.T - 6 Numbers
- Septic O.T - 1 Number
- Minor O.T - 1 Numbers
- Accident & Emergency - 1 Number
- OBGY OT - 2 Numbers
- Septic OT - 1 Number
- Endoscopy OT - 1 Number
- Super specialty - 2 Numbers

Total 15 Nos.

II] Administrative services:

- Administration office.
- Accounts Department
- Medical Social Workers.
- Time keeping
- Medical Record department

III] Supportive services:

- Telephone Reception (EPBAX with 200 extensions)
- Hospital Store
- General Store
- Maintenance
- Central Workshop
- Biomedical Engineering Dept.
- IT Dept.
- Ambulance services
- Transport office
- Canteen Services
- Linen & Laundry
- Housekeeping office
- CSSD
- Biomedical Waste Disposal
- Police Chowki
- Central Canteen
ACCIDENT AND EMERGENCY DEPARTMENT

The emergency department of the hospital is well equipped and manned by well qualified and trained staff to manage all kinds of medical and surgical emergencies and to provide trauma care.

MGM's casualty department is fully equipped to meet all emergencies right from myocardial infarction to head injury & trauma cases.

OPERATION THEATRES COMPLEX

Operation theatre complex is provided with overhead lights, central oxygen supply, air-conditioners, air filters, etc. The theatres are equipped with instruments and equipments necessary to meet the needs for all kind of surgeries.

In Ophthalmology we have the latest technique of phacoemulsification and in E.N.T. we do endoscopic surgical procedures.

Hospitals general OT caters to all cases right from laproscopic surgeries to complicated supra major neuro surgeries. It has skilled team of surgeons from all specialities to carry out the surgeries effectively. It is also equipped with Wipro GE C-Arm. It allows the X-rays to be oriented correct in space in relation to the instruments and the patients.

PHARMACY

There is a 24 hours in-house pharmacy run by the hospital which caters to the needs of the patients for medicines and surgical items.

ANIMAL HOUSE.

INTENSIVE CARE UNIT:

The hospital has medical intensive care unit MICU, ICCU and surgical SICU, ObGy ICU, Superspecialty CCU, NICU, PICU & Burns Unit. All Intensive Units are wellequipped with modern cardiac monitors, defibrillators, ventilators, central monitoring station and other resuscitation facilities. It is provided with central oxygen line, emergency trolleys with emergency crash carts and medicines, nebulizer, glucometer, portable X-rays, USG, ECG machines and resuscitation kits. It caters to a wide range of medical and surgical emergencies.

RADIODIAGNOSIS:

The department of Radiodiagnosis is equipped with following machinaries which are handled by trained staff under the guidance of qualified Doctors.

- MRI 0.3 Tesla
- Spiral CT Scan machine
- DSA
- Heart lung machine
- C Arm
- Digital X ray
- USG
- Colour Doppler machine
- Portable sonography machine
- 2 D- Echocardiography
- Mammography

**CLINICAL PHYSIOLOGY:**

The department is equipped with the following:

- 2D Echo
  - Electroencephalography (EEG)
  - Electrocardiography (ECG)
  - Computerised Spirometry (LFT)

**CENTRAL PATHOLOGY DIAGNOSTIC SERVICES:**

*Central Pathology Laboratory is accredited by NABL*

Central pathology services are available for Pathology, Histopathology, Biochemistry, Hematology, Microbiology, Cytology the respective investigations are performed by qualified & trained staff with the use of modern machineries.

- Pathology Laboratory with state of the art technology equipped with chemistry analyser, Blood Gas Analyser, Haematology cell counter, ELISA reader, and Histokinesis facilities.

- Laboratory of Department of infectious Diseases equipped with state of the art technology is providing a whole range of tests such as ELISA, western blot, CD4 / CD8, PCR etc. for detection of HIV and STD disease.

**PHYSIOTHERAPY DEPARTMENT:**

The unit has all the facilities for providing physiotherapy to outdoor and indoor patients. It is well equipped with Instruments that are as follows:-

- Traction apparatus
- Shoulder wheel
- Wax Bath therapy area
- Rolling Ball
- Finger Brailing equipment
- Shortwave diathermy
- Long wave diathermy
- Walking bars
- Pulley wheels
- Light weights for muscular exercises.

**BLOOD BANK:** (Accredited by NABH)

- The voluntary blood donation is the backbone of this noble endeavour.

- Our student community, faculty members and various social organizations (Lions, Rotary, Jain Samaj etc.) and the socially conscious public have helped us to meet the growing needs of Blood without recourse to professional donors.

- Approval of FDA for the new blood component manufacturing area was obtained. We will be expanding the blood bank to start preparation of blood components.

**Other Ancillary services:**

**Community services**

**HEALTH CENTRES – RURAL/ URBAN -**

<table>
<thead>
<tr>
<th>Health Centre (Rural and Urban)</th>
<th>R.H.C/ P.H.C</th>
<th>URBAN HEALTH CENTRE (Under control of Dean, MGM MC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Names of the Centres: (NGO)</td>
<td>I</td>
<td>II</td>
</tr>
<tr>
<td>Yusuf Mehrali Center, Tara</td>
<td>Fatima Banu Hosp, Nhava</td>
<td>MGM Hospital &amp; Research Centre, C.B.D-Navi Mumbai</td>
</tr>
<tr>
<td>II Rural Hospital, Panvel</td>
<td>III</td>
<td>Shahid Baba Deepsing Dispensary, Belapur Run by MGM Health Centre Belapur Belapur Vil,</td>
</tr>
</tbody>
</table>

| PHC allotted                   | Wavanje, Nere | C.B.D Navi Mumbai |
| PHC allotted                   | Wavanje, Nere | C.B.D Navi Mumbai |

b) Location of each centre: Raigad Dist. Raigad Dist. Raigad Dist.

- Under the “Gramin Swastha Yojana” patients from neighboring villages Karjat, Khopoli, Mumbra, Kamothe etc were brought to the hospital and provided treatment at concession charges. On 23 Dec. 2010 six years completed to this scheme. App. 30,000 patients were benefitted through this Gramin Swastha Yojana scheme in year 2009
- Multi-Diagnostic camps (MDC) – regular monthly, weekly and daily camps are held in rural, tribal and industrial belts where population is screened for various communicable and non-communicable diseases

- Blindness prevention and treatment camps – by performing cataract operations in rural areas of Raigad and Thane District.

- Blood donation camps

- Urban health Centres & Rural health Centres

Central Research Laboratory Facilities:

It has established a **State-of-the-Art laboratories** for serology, molecular biology, immunology and tissue culture. Over the years large amount of clinical data has been generated. This has been used to develop models for Care and Treatment strategies.

The main focus of research is on HIV/AIDS, tuberculosis, Dengue, Hepatitis, malaria and toxoplasma, Models of comprehensive care for HIV/AIDS have evolved over a period of time with integrated approach.

The Central Research lab is acclaimed, both nationally and internationally, for its contribution in designing the best practices that have been adopted for a decade by the national AIDS control programme of Ministry of Health, New Delhi.

Research lab of Central Research Laboratory

1. Molecular Lab
2. RT_PCR Lab
3. Immunology Lab
4. Culture Room with Laminar Wood
5. Biotechnology lab
6. Genetic lab
7. Plant tissue culture lab
8. Washing Room-Changing Room
9. DNA-RNA Isolation Room
10. Washing Room-Changing Room
11. DNA-RNA Isolation Room
12. Cold Room
13. Departmental Library

List of test carried out in MGM Central Research Laboratories

1. HIV Rapid
2. ELISA for HIV I/II, HBV & HCV
3. P24 ELISA
4. Western Blot for HIV I/II
5. PCR for HIV
6. PCR for Hepatitis B & C
7. CD4 / CD8 Count
8. Viral Load for HIV I / II
9. Viral Load for Hepatitis B & C
10. PCR for Mycobacterium Tuberculosis
11. VDRL
12. Antiretroviral Drug Sensitivity Tests