CHAPTER 2
HOSPITAL PROFILE

The data was collected among 5 Multi-Specialty hospitals in Madurai Region namely,

- Apollo Specialty Hospitals
- Devadoss Multi-Specialty Hospital
- Shenbagam Hospital
- Meenakshi Mission Hospital and Research Centre
- Vadamalayan Hospital

2.1 APOLLO SPECIALITY HOSPITALS

The Apollo Hospitals story began with the establishment of our first corporate hospital in Chennai in 1983. It was the vision of our founder and promoter, Dr. Prathap C. Reddy that set us on a significant and challenging journey in the field of healthcare.

Apollo Speciality Hospitals, Madurai was founded in 1997. The 300-beded hospital is the first of its kind in this region performing super – speciality procedures and has a wide range of investigative, preventive and therapeutic facilities aiming to provide comprehensive healthcare services under one roof. It has the most qualified and talented medical professionals, nurses, technicians and other management staff from across the world to deliver the highest standards of patient care at an affordable cost in South Tamil Nadu.

The hospital has an overall success rate of 98% and sees an average of 80,000 patients a year. State of the art bio-medical equipment complemented
by highly skilled staff ensure high standards of care at Apollo Speciality Hospitals, Madurai. The Hospital places special emphasis on quality time between patients and doctors and nurses.

The hospital has an overall success rate of 98% and sees an average of 15,000 patients a year. A 24-hour panel of super-specialists are present at the hospital. This panel is equipped to tackle any emergency and honour the hospital's commitment to providing all services under one roof.

**Medical Highlights**

- The only Blood Bank centre in Madurai to prepare Cryoprecipitate.
- Has been designated as the Regional Blood Transfusion Centre by the Directorate of Drugs Control
- First Apheresis facility in Tamil Nadu
- No. 1 Centre in India and 5th in the world to perform Laparoscopic Renal Transplantation (Donor Nephrectomy)
- First Intensive Care Unit for Nephrology in South India
- More than 1000 successful Cardiothoracic Surgeries
- First Renal Artery Angioplasty in South India
- Sophisticated and fully automated state-of-the-art laboratory
- Advanced Trauma Care Centre

**Specialised Clinics**

- Hip & Knee Clinic
- Hypertension Clinic
- Diabetic Clinic
- Rheumatoid Clinic
- Vertigo Clinic
- Headache Clinic
- Epilepsy Clinic
• Lower Back Ache Clinic
• Spine Clinic
• Liver Clinic
• Renal Clinic
• Asthma Clinic
• Endocrine Clinic
• Immunisation Clinic
• Well Baby Clinic
• Under Five Clinic
• Renal Stone Clinic
• Ulcer Clinic
• Cancer Clinic
• Breast Disease Clinic
• Nephritic Syndrome Clinic
• De-addiction Clinic
• Antenatal Clinic
• Menopause Clinic
• Congenital Heart Disease Clinic
• Arthritis Clinic
• Hernia Clinic
• Vitiligo Clinic
• Diabetic Foot Clinic

24 Hours Emergency Care

Emergency care is the predominant focus of the Apollo Speciality Hospitals, Madurai. The department has a team of highly skilled CMO’s who are ably supported by various Specialists, providing round-the-clock emergency service. The hospital is also a part of NNES (National Network of Emergency services) which has revolutionized Emergency Service with a unique 4-digit
dial-in facility -1066. The advanced emergency management system can manage road traffic victims, cardiac emergencies, stroke and Industrial accidents.

Ambulances equipped with portable ventilators, defibrillators, suction apparatus, oxygen, etc manned by trained paramedics are available on call. Apollo Speciality Hospitals - Madurai, like other hospitals in the Group has Government approval for handling all types of medico-legal cases.

ICU/CCU/ SICU/ CTICU

The ICU & SICU located on the first floor with 11 & 4 beds are adequately equipped with ventilators, defibrillators, pacemaker, infusion pumps, central gas supply system, Holter monitor. There is a 14 bedded CCU (Coronary Care Unit) in the 2nd floor. Apart from this, fully equipped CTICU (Cardio thoracic ICU) to cater to Bypass and Open Heart Surgery patients is available.

Operation Theatres

The 4 major Operation Theatres are designed to match International Standards. The sophisticated air conditioning system and the range of modern equipment ensure high levels of sterility. The 3 bedded post operative wards are vital in rendering post-operative care.

Diagnostic Services

The diagnostic services could be termed the backbone of any hospital as the treatment of any disease relies heavily on sound diagnosis.

Cardiology

- Electro Cardio Gram (ECG)
- Echocardiogram
- Treadmill Test (TMT) / Stress Test
- Digital Cathlab
- Holter
**Gastroenterology**
- Endoscopy
- Colonoscopy

**Pulmonology**
- Bronchoscopy
- Pulmonary Function Test (PFT)

**Radiology**
- X-Ray
- Ultrasound Scan
- Colour Doppler
- CT Scan - 128 slice
- C – arm
- 1.5 Tesla MRI

**Neurology**
- Electro Encephalo Gram (EEG)
- Electro Myo Gram (EMG)

**Laboratory**
- Clinical Chemistry
- Clinical pathology
- Haematology & Coagulation
- Immuno-Serology
- Histopathology
- Microbiology

**Urology**
- Lithotripsy (ESWL) Extra Corporeal Shock Wave Lithotripsy
- Uro dynamic studies

**Nephrology**
- Dialysis
- Haemodialysis
- Continuous Ambulatory Peritoneal Dialysis (CAPD)
- Continuous Renal Replacement Therapy (CRRT)
- Physiotherapy
- Dietetics
- Blood Bank
- Master Health Checkup
- 24 Hours Emergency Ambulance Services
- 24 Hours Pharmacy

CARDIOLOGY

Interventional Cardiology

Equipped with state of the art facilities like Digital Cath lab, Operation Theatres and CCU’s, our medical team performs a large number of both invasive and non-invasive cardiac procedures. The specialists at Apollo are pioneers in balloon angioplasty techniques and are in the forefront in many new interventional cardiac procedures.

Cardio – Thoracic & Vascular Surgery

The Cardio-thoracic surgical team has wide experience in performing many complicated procedures. The range of cardiac surgical procedure being currently performed extends from repair of congenital heart defects in infants to coronary bypass surgeries in octogenarians.

NEPHROLOGY

Renal Ward & Dialysis Unit

The Nephrology Department works with an integrated approach that combines service and medical excellence, which is the marquee of “Apollo Speciality Hospitals, Madurai”. The department is well equipped to handle regular and emergency cases, with a separate Renal Ward. The department is
staffed with well-trained & dedicated technicians and nursing staff who deliver excellent patient care round the clock.

The hospital has a comprehensive dialysis unit endowed with 8 Bicarbonate Haemo Dialysis Machines and comprises of 7 beds and one special room.

**KIDNEY TRANSPLANT**

The Apollo Hospital kidney transplantation unit with experience of over 300 Successful Renal Transplants, is the first of its kind in Madurai offering superior facilities such as

- DonarAngio Lab
- Tissue Cross match Lab
- Doppler Scan
- Safe Hygenic environment and food
- Multi-Speciality medical backup
- Excellent post operative care
- Well equipped twin operative theatres

**APOLLO STONE CLINIC**

Apollo stone clinic is first of its kind in the down south, with state of the art facility to remove kidney stones. It’s equipped with state of art Dornier Lithotripter for ESWL (Extracorporeal Shockwave Lithotripsy) for stone removal.

**DEPARTMENT OF NEUROSCIENCES**

Department of Neurosciences forms one of the pillars of the hospital. Backed by the availability of state-of-the-art equipments, the department caters to all neurological requirements of the hospital. The department offers special services to stroke patients in the form of stroke unit, the only one of its kind in South Tamil Nadu. While CT scan services can be used round the clock for the
unit, stroke unit provides a unique opportunity to provide comprehensive health care for stroke victims. This ranges from emergency thrombolytic therapy for acute stroke victims to a patient-tailored rehabilitation program under the auspices of the physiotherapy wing. The department of Neurosciences also offers advanced neuro-electrophysiological facilities, which include a digital EEG (Electroencephalography) unit and ultra modern EMG equipment. The EMG department offers the following wide range of neuro electrophysiological evaluation.

- Nerve conduction studies – Sensory and motor
- Needle EMG (Electromyography) Studies
- Delayed responses: F and H Studies
- Complete autonomic function tests (Sympathetic and parasympathetic)
- Myasthenia testing
- Facial conduction studies (for Bell’s palsy)
- Multimodality evoked potentials, including cognitive evoked potentials

The department also undertakes all neurological diagnostic procedures like CSF analysis, muscle, nerve and skin biopsies as appropriate.

**Micro Neuro Surgery - Brain & Spine**

It was once thought that surgery in the brain and spinal cord was dangerous. Gone are the days when the surgical mortality (risk to life) was almost 50%. In the present era, with advance techniques and surgical expertise the risk has been brought down to less than 5%, which is a major achievement in the New Millennium.

Neurosurgical application of micro surgery has been widely used nowadays in major center both in India and abroad. Using micro neurosurgical techniques, many tumors and vascular malformation can be safely removed.
Transphenoidal microsurgery allows selective removal of adenomas/tumors with preservation of the pituitary gland. Skull base tumors can be removed with preservation of cranial nerves and important vascular structures. In recent times many lumbar and cervical disc prolapses and spinal cord tumors are completely excised using microsurgical techniques.

**TYPES OF SURGERIES OFFERED**

**Craniotomy**

- Brain tumours (Glioma, Tuberculoma, Meningioma, Craniopharyngioma etc)
- Vascular malformations (Cavernoma, AVM)
- Skull Base procedures and repair

**Cerebellar Tumours**

- Medulloblastoma
- Ependymoma
- Glioma
- Exophytic brain stem tumours.

**Transnasal Transsphenoidal Surgery**

For pituitary Adenomas (Surgery done through the nose to remove brain tumour without opening the skull and without facial scars)

**Spine Surgeries**

- Disc prolapse (Microdiscectomy)
- Spinal cord tumours
- C V Junction Anomaly (Transoral)
- Spine Fusions
APOLLO CANCER INSTITUTE

Comprehensive Cancer care

Apollo Cancer Institute at Apollo Speciality Hospitals, Madurai provides comprehensive cancer care with the help of three major oncology departments namely Medical Oncology, Radiation Oncology and Surgical Oncology with full time qualified Specialists in the field of Medical, Paramedical & Nursing with state of the art facilities for Radiotherapy, chemotherapy and Surgery.

MEDICAL ONCOLOGY

Department of Medical Oncology is highly specialized unit run by qualified Medical Oncologist with super Speciality back up with fully trained staff nurses who can take care of chemotherapy patients.

Chemotherapy is done in adjuvant, neo adjuvant, meta-static and concurrent settings in solid tumors like cancer of breast, lung, colon, rectum and ovary. Chemotherapy is done in haematological malignancies like acute leukemias both ALL and AML, Non Hodgkin’s lymphoma, Hodgkin’s lymphoma, Multiple Myeloma, Chronic leukemias like Chronic Myeloid Leukemia(CML), Chronic lymphatic leukemia and Hairy cell Leukemia. Immunotherapy is done in renal cellcarcinoma, carcinoma bladder and melanoma. Advanced facilities to manage Neutropenia and Thrombocytopenia are available.

RADIATION ONCOLOGY

Department of Radiation Oncology is equipped with state of the art facility for radiation treatment with full time Radiation Oncologist, Medical Physicist and Radiotherapy Technologist. Radiation Oncology department is provided with a State of Art facility to treat any type of tumour from head to foot. External radiation treatment is carried out with imported Teletherapy
machine from France with new cobalt source which has capacity to treat more than 50 patient per day accurately. We have brachy therapy with LDR facility for treatment of uterine cervix cancer which is a common cancer in women.

**TREATMENT SERVICES**

- External Beam Radiotherapy (HIGH PRECISION WITH LINEAR ACCELERATOR)
  - Image guided radiation therapy (IGRT)
  - Intensity modulated radiation therapy (IMRT)
  - 3D Conformal radiation therapy. (3D CRT)
  - Low dose rate (LDR) brachy therapy for cancer cervix.

**SURGICAL ONCOLOGY**

The Surgical Oncology operation theatre is equipped with the state of art OT tables & light, anesthesia machine, latest stapling devices, ‘C’ arm and laparoscopy.

**GASTROENTEROLOGY**

**Medical**

Equipped with state of the art facilities like video Endoscopy, Colonoscopy and ERCP Scope and 500 MM X-ray unit with image intensifier facility. Large number of both diagnostic and therapeutic endoscopy procedures are performed.

**Surgical**

The surgical gastroenterology department performs wide range of abdominal surgeries including hepatic and pancreatic surgeries. Surgeries are performed in state of art operation theatre equipped with advanced Laparoscopy units.
Open Surgeries like abdominoplasty, gastrectomies – total/partial, devascularisation surgeries for bleeding ulcers, pyloroplasty, cholecystectomy, CBD exploration, Hepaticojejunostomy, cholecystojjunostomy, whipple’s procedure, puestow’s pancreatic head coring, pancreatectomies, pancreaticojejunostomy, cystogastrotomy, cystojejunostomy, massive small bowel resections for ischaemic diseases, hemicolecotomy, pancolectomy, low anterior resection & stapler anastamosis, abdomino perineal resection, splenectomy, retroperitoneal mass resection, inguinal hernias, umbilical hernias, incisional hernas, lieno-renal stenting oesophageal transsections.

Laparoscopic procedures like cholecystectomy, appendisectomy, hernia repair, resection & anastomosis.

NICU

The NICU at Apollo Speciality Hospitals, Madurai, caters to babies born after 28 weeks of gestation. At any given time it can accommodate up to 8 intensive care babies. The NICU is adequately equipped with staff and equipment. It has ventilators, multichannel monitors, infusion pumps, phototherapy units.

The medical staffs are trained in neonatal care and are well versed in all practical procedures like intubating babies, managing babies on the ventilators, insertion of umbilical lines, thoracocentesis and exchange transfusion. The nursing staff provide dedicated care and provide yeoman service in managing these premature babies.

ENT

The department of Otorhinolaryngology and head and neck surgery has updated itself with endoscopic sinus surgeries, endoscopic anterior skull base surgeries-repair of CSF leaks and endoscopic removal of pituitary tumors. It has uniquely developed endoscopic ear surgeries over the part of six years which is very rare of its kind and the results are comparable with the international
standards. Regular diagnostic endoscopic work is done for ear, nose and throat in OPD in Endoscopy room. Respiratory emergencies such as stridor and epistaxis are taken care of immediately in emergency. Foreign bodies of upper airway are given attention immediately and preceded. Head and neck malignancies are proved and preceded appropriately.

**PULMONOLOGY** - (The only earliest unit in down south.)

Apollo Speciality Hospitals, has responded to rapid increase in cases of Bronchial Asthma, COPD and Lung Cancer with the well equipped Department of Pulmonology headed by fully qualified Pulmonologist. The department has its uniqueness of having good reputation throughout Tamil Nadu getting referrals from all over. The good results of appropriate diagnosis and management had been valued and acknowledged by public and by practitioners around Madurai. Routine diagnostic broncoscopy, therapeutic procedures, pleural tapping, biopsies and broncoscopic guided intubation are done in theatre. The department has the largest series of lung biopsies and interstitial lung disease management. Ventilator Management in ICU of various specialists has saved lives of many patients. In addition Sleep studies are also being done routinely. No wonder the department of Pulmonology is one of the Key departments of this hospital.

**DENTAL & ORTHODONTIC CARE**

The department of Dentistry comprises an Orthodontist & an Oral and maxillo facial Surgeon. In addition to general dental procedures, minor & major Orthognathic surgical procedures, facial growth modification, cleft lip & palate care, nasoalveolar molding, complete oral rehabilitation are among the treatments offered.

**MEDICAL DEPARTMENT SPECIALITIES**

- Accident & Emergency
• Anesthesiology
• Cardiology
• Cardio-Thoracic Surgery
• Clinical Laboratory
• Dermatology
• Diabetology
• ENT
• Medical Endocrinology
• Surgical Endocrinology
• Medical Gastroenterology
• Surgical Gastroenterology
• General Medicine
• General Surgery
• Haematology
• Hand & Vascular Surgery
• Minimal Access Surgery
• Nephrology
• Neonatology
• Neurology
• Neurosurgery
• Obstetrics & Gynaecology
• Oncology – Medical
• Oncology – Radiation
• Oncology – Surgical
• Ophthalmology
• Maxillo Facial Surgery
• Orthopedic Surgery
• Paediatrics
• Paediatric Surgery
• Pathology
• Plastic Surgery
• Psychiatry
• Pulmonology
• Radiology
• Rheumatology
• Urology
• Vascular Surgery

PREVENTIVE HEALTH CHECK UPS

The importance of Preventive Health Check up cannot be emphasized beyond the age-old adage “Prevention is better than cure”. Apollo Speciality Hospitals is thus committed to the cause of Preventive Health Care through its Comprehensive Health Check –up packages. The packages are designed to suit a wide range of users. The different packages available at Apollo Speciality Hospitals- Madurai are

• Apollo Health check
• Apollo Executive Health Check
• Apollo Heart Check
• Apollo Well Women Check
• Apollo Child Health Check
• Apollo Whole Body Check
• Apollo Platinum Check

APOLLO TELEMEDICINE

Telemedicine is the use of electronic information and communication technologies to provide and support health care when distance separates the participants. The concept of Telemedicine in India was pioneered by
Apollo Hospitals for the patients traveling from rural & Semi urban areas to a Tertiary care hospital for further treatment. The telemedicine facility is now an accessible feature at Apollo Speciality Hospitals – Madurai which aids in Specialist consultation, second opinion and follow up treatment from Apollo Telemedicine Networks across the country.

24 HOURS PHARMACY

A fully air conditioned 24 hours pharmacy that stocks the latest drugs to the needs of the community. The unique features of the pharmacy include free home delivery within specified areas and the network advantage that enables the procurement of drugs within a short period of time. Apart from these 24 hours inpatient pharmacy is located in the 2nd floor to cater to the inpatients.

LABORATORY SERVICES

- Round the clock Services
- Internal & External Quality Assurance Programme
- Fully Automated Technology

Mobile sample collection facilities Achievements

**First Apheresis facility in South Tamil Nadu**

This instrument will allow the collection of the required component of blood instead of whole blood being collected. It is also used in life threatening situations to remove antibodies and toxins from the body.

**First TAXIS – Stent angioplasty in South Tamil Nadu**

This stent is coated with paclitaxel – a drug which reduces recurrence of the stenosis in the coronary artery after angioplasty.

**Largest number of patients undergoing Laprascopic donor nephrectomy**

This is a procedure in which the kidney for renal transplant is harvested by laparascopic techniques. This reduces the discomforts and speeds
up the recovery for the kidney donors. Apollo Madurai Unit has successfully completed 300 Renal transplants.

MEDICAL HIGHLIGHTS

- More than 4000 Angiograms, 1500 Cardiac Surgeries with success rate on par with the best Cardiac centers.
- First to perform cyber stent angioplasty in down south.
- First to perform beating heart surgeries
- Renal Artery Angioplasty first of its kind in down south.
- More than 300 successful Transplants.
- No. 1 centre in India and 5th Centre in the world to perform laparascopic Renal transplantation (Donor Nephrectomy)
- Largest Series of CAPD in South Tamil Nadu.
- Skull base Tumor surgery successfully performed for the first time in south Tamil Nadu
- First to do Intracranial Aneurysm surgery in South Tamil Nadu.
- Only blood bank centre in Madurai to prepare cryoprecipitate.
- Has been designated as the Regional Blood Transfusion Centre by the Directorate of Drugs Control. First Apheresis facility in Tamil Nadu.

2.2 DEVADOSS MULTI SPECIALTY HOSPITAL ABOUT US

Devadoss Multi Specialty Hospital is a super specialty hospital with wide range of facilities and dedicated team of doctors. Our team of expert doctors work 24 hours a day to give the patients the needed care at the right time. Our Chairman Prof. A. Devadoss, is a well known orthopaedic surgeon for the last 44 years. His Vision to provide the best healthcare under one roof has brought about Devadoss Multi Specialty Hospital.
The Hospital is 150 bedded, with a variety of rooms to choose from according to priority of patients. The rooms are designed for at most patient convenience keeping in mind the costs. Rooms have an attached bathroom with 24 hour hot water from environment friendly solar water heaters, cable television. Every room also has central oxygen and suction connection for immediate care of the patient in case of emergencies. Special hospital furniture also helps to position patients comfortably after surgery or when needed. Special suite room and super deluxe rooms are available for those who prefer. There are 18 intensive care beds available, all with monitors which are connected to a central computer for monitoring. All beds have connection for sophisticated ventilator machine where new born of 900 gm weight can be given artificial breathing. Doctors and nurses working in the ICU have undergone special training for treating patients in the Intensive Care Unit.

Four state of the art operating theatres with laminar airflow and steel walls with anti-bacterial coating help the surgeons to perform sophisticated operations. Laproscopic surgeries, Arthroscopic surgeries, Endoscopic ENT surgeries, Thoracoscopy and Hysteroscopy are some of the key-hole surgeries performed. Joint Replacement, Micro vascular surgeries to re-implant severed hands, toes, fingers, cosmetic surgeries and laser treatments, Neuro surgery – micro surgery for brain and spine, minimally invasive spine surgery, 24 hours head injury care with ICU and Stroke unit ventilator, cancer surgeries are some of the specialized procedures performed in this hospital.

OUR MISSION

Our Mission is to provide health care at affordable cost to all states of the society. Implementing best hospital management practice, continuously improving the effective quality management system are some of the task carried out.
OUR SPECIALITIES

- Anaesthesiology
- Cardiology
- Cosmetic Centre
- Diabetology
- ENT surgery
- Emergency & Critical care
- Gastroenterology
- General Surgery & General medicine
- Infertility Centre
- Nephrology
- Neurology
- Neuro surgery
- Orthopaedic surgery
- Obstetrics and Gynaecology
- Oncology
- Paediatrics and Neonatology
- Plastic and Cosmetic Reconstructive surgery
- Pulmonology
- Psychiatry and Counseling
- Urology and Andrology
- Vascular surgery

OUR SUPPORT SERVICES

Our support services are being provided for 24 hours round the clock.

- Pharmacy
- Laboratory
- Canteen
• Radiology
• Physiotherapy
• Nutrition and Dietetics
• Laundry

PHYSIOTHERAPY
Providing physical and machinery exercise to patients through:

• Short wave Therapy
• Ultra sound Therapy
• Laser Therapy
• Electrical Stimulus
• CPM – Continuous Passive Mobilization (knee, shoulder, elbow, hand)
• TENS
• IFT

NUTRITION & DIETETICS

We are providing excellent nutrition and dietetic service to the public. Dietitians help to promote good health through proper eating. They supervise the preparation and service of food, develop modified diets, participate in research, and educate individuals and groups on good nutritional habits. In a medical setting, a dietitian may provide specific artificial nutritional needs to patients unable to consume food normally. The goals of the dietary department are to provide medical nutritional intervention, obtain, prepare, and serve flavorsome, attractive, and nutritious food to patients, family members, and health care providers.
PHARMACY

24 hours round the clock pharmacy service is available in our hospital. It ensures not only the availability of all types of life saving drugs, but also consumables, cosmetics etc. Provision is made for emergency pharmaceutical services. A secure emergency medication kit, stocked and approved by the pharmacist is kept readily available under the control of the pharmacy, a practitioner licensed by law to prescribe or dispense drugs. Our hospital is providing pharmaceutical services which are administered in accordance with accepted ethical and professional practices.

LABORATORY

Well-equipped lab with Haemotology analyzer and including electrolytes and special test like coagulation blood gases HPA1C being done. Also we have facility for Micro biology and fully auto analyzer for Bio chemical analysis. Blood bank is also available.

CANTEEN

Our 24 hours canteen is committed to providing quality food, skillfully and hygienically prepared and are reasonably priced.

DEPARTMENT OF NEUROSCIENCE

At the department of Neuroscience a team of neurologists and neurosurgeons are available round the clock to provide quality neurological care. All head injuries including medico-legal cases are undertaken and immediate care to the patient is given at the Intensive Care Unit (ICU) if needed with help of ventilator. Patients with stroke are taken care of by the team of neurologist, neurosurgeon, neuro-nurses and physiotherapist and rehabilitated to the full potential of the patient.
Department of Neuro surgery has a high end zeiss operating microscope and midas Rex high speed craniotome and drill to facilitate micro neurosurgical
procedures on the brain and spine. Complex cranial and spinal surgeries are undertaken in our department of Neuro surgery. The availability of EEG (Electro encephalogram), EMG (Electro myogram), nerve conduction studies, CT scan, Colour Doppler studies and a fully equipped 24 hour laboratory enhances the services of this department. Apart from regular services an epilepsy (fits) clinic, cerebral palsy clinic and a head ache clinic are some of the specialized clinic offered at the center.

DEPARTMENT OF PLASTIC AND RECONSTRUCTIVE SURGERY

The plastic and Reconstructive surgery division evaluates and treats any physical deformity that can be corrected by surgery, whether acquired or congenital. The division works in collaboration with other specialties to offer thorough patient management.

SPECIAL SERVICES INSTITUTE OF ORTHOPAEDIC RESEARCH AND ACCIDENT SURGERY

Institute of Orthopaedic Research and Accident Surgery are the orthopaedic department and back bone of Devadoss Multi-Specialty Hospital. The Institute of Orthopaedic Research and Accident Surgery (IORAS) was started in 1991 first at the premises of Devadoss Orthopaedic Hospital, KK Nagar and later at Devadoss Multi-Specialty Hospital to address the need for comprehensive Orthopaedic care for the southern district. Prof. A.Devadoss with his vision to produce efficient and skilled orthopaedic surgeons started this venture as an institution to train doctors under the Dip.N.B. scheme of the National Board, New Delhi.

The latest in accident surgeries such as intra medullary interlocking nailing for long bone fractures, locking compression plating for joint fractures, orthofix and Ilizarov external fixator are performed here. Sophisticated surgeries like computer assisted joint replacement, instrumented spine surgeries, limb
reconstructive surgeries, paediatric orthopaedics and arthroscopic surgeries are done at the centre.

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Department of obstetrics and gynaecology at Devadoss Multi-speciality Hospital is a 24 hour service offering all types of obstetric and gynaecology care. Our dedicated labour theatres, operation theatre, NICU and paediatric ward enhances our O & G services. We provide excellent treatment and care for patients with normal and high-risk pregnancies, and we expertly address a wide range of gynaecologic and women’s health concern services.

We combine our compassion, our experience and our resources to provide great care to the fairer part.

Minimal invasive surgery is the order of the day and our skillful surgeons are well trained to handle routine and difficult laproscopic and endoscopic procedures. Laproscopic hernia repair, Laproscopic hysterectomy, appendicectomy and cholecystectomy (Gall bladder) are some of the minimal invasive procedures done at our centre. The main advantage here is smaller scars and quicker return to work compared to conventional surgery.

DEPARTMENT OF NEONATOLOGY AND PAEDIATRICS PAEDIATRIC DEPARTMENT

- 24 hours consultant available
- Paediatric ICU
- Individual staff nurse for all children
- Each ICU bed attached with central line monitoring
- Infusion and Syringe pump
- Paediatric ventilator
- Paediatric general ward
• Excellent lab diagnosis

ALL PROCEDURE
• Including lumbar puncture
• Arterial line monitoring
• Paediatric surgery
• ICCU
• Central line
• Ventilator Management
• Immunotherapy
• All types of vaccination from 1st day to 15 years
• All facilities at affordable cost

NEONATAL DEPARTMENT
Level III NICU – First time in Madurai.
• Fully fledged NICU
• New Born ventilator
• Individual staff nurse of all admitting babies

DIABETOLOGY INSTITUTE

Diabetes Mellitus today is assuming its status as a major health problem in our country. As a medical condition on its own, it affects the eyes, kidneys, nerves, heart and brain. It is a major risk factor for those patients undergoing surgery for any other problem and control of sugar is essential for uneventful surgery.

Diabetes institute at Devadoss Multi-Specialty Hospital consists of a team of fully qualified physician diabetologist, dietician, diabetic care nurse and foot care surgeon. Ophthalmologist work together to provide wholesome ambulatory care and to educate the patients.
Our emphasis is to drive home the importance of diet and lifestyle modification in the control of diabetes.

We have established lots of services to monitor the various biochemical parameters and keep a close watch on the health of the diabetic.

Our institute offers state of the art blood glucose monitoring in the form of CGMS – Continuous glucose monitoring system. We provide insulin pump therapy for Type – 1 Diabetic patients. For diabetics with no complications our stress is on routine regular check – ups to screen for early organ involvement and focused treatment to reverse the same. For those with advanced complications tertiary care such as dialysis and rehabilitation is also available. Our other area of interest is preventive foot care to avoid injuries and conditions leading to amputation. Walk in for comprehensive diabetes care.

DEPARTMENT OF SURGICAL SPECIALITIES

The division of surgery at Devadoss Multi-Specialty Hospital has sub specialists in six sections:

- Acute and critical care surgery
- Colon and rectal surgery
- Endocrine and oncologic surgery
- Hepatobiliary – Pancreatic and Gastrointestinal surgery
- Minimally Invasive surgery
- Vascular surgery
SAN CHIE COSMETIC CENTRE

SAN CHIE SKIN AND LASER CLINIC

Sanche skin and Laser Clinic is a well reputed dermatology clinic known for par excellence treatment for all skin conditions. It has been the biggest Laser centre in Tamil Nadu. For the past 10 years the centre has to its credit a few thousand cases treated. Our strength has always been our excellent quality. SANCHE CLINIC has been awarded the centre of Laser excellence in the year 2012. Our clinic is specialized in treating all skin and hair problems. Sanche Cosmetic Centre include all Cosmetic Surgeries and Non-surgical Cosmetic Procedures.

DEPARTMENT OF NEPHROLOGY

The department of Nephrology is concerned with diagnostics and treatment of acute and chronic renal diseases and vascular hypertension. Causes for these diseases are infections, disorders of the immune system, congenital malformations, metabolic disorders – diabetes mellitus, in particular. Particularly, patients suffering from delayed consecutive syndromes of diabetes profit from our departments close co-operation with other specialist departments of our hospital.

DEPARTMENT OF PSYCHIATRY

Special features of our treatment care

- Cerabral Palsy Clinic: includes Behavioural training for affected children.
- De-addiction clinic for alcohol and other drug dependence
- Mood disorder clinic
- Schizophrenia clinic
- Anxiety disorder clinic
- Child Psychiatric clinic
DEPARTMENT OF PULMONOLOGY

Incidence of Respiratory diseases is increasing day by day because of surge in Automobile population developing industry field which increases smoking habit. To handle with this emergency rise of respiratory diseases our department conducts special clinics for the better diagnosis of patients.

DEPARTMENT OF OTORHINOLARYNGOLOGY (EAR, NOSE, THROAT)

The department of ENT (Otorhinolaryngology), offers comprehensive evaluation and treatment of patients with ear, nose and throat disorders. It is well equipped with operating microscopes, nasal endoscopes, laryngoscopes, bronchoscope, oesophagoscope, and harmonic scalpel. Apart from routine ENT surgeries like tonsillectomy, adenoidectomy and septoplasty, special surgeries such as microscopic ear surgery, endoscopic sinus surgery, uvulopalapharyngoplasty and cancer surgery are also performed.

2.3 SHENBAGAM HOSPITAL

Shenbagam Hospital was initially started as a clinic in the year 1967 and has blossomed into a hospital with bed strength of 75 with ISO 9001 – 2008 certification. The hospital is located in Anna Nagar, a quite residential area, closely connected to the entire important centre in Madurai.

The hospital is headed by Dr. MACS. RAJENDRAN, MS., FICS. Founder Chairman. He is the chief consultant with 46 years of experience in
medical service. He is a pioneering Surgeon and Endoscopist. The Managing Director of the hospital is Dr. MACS.R.SURENDRAN,MB.,MS.,Dip.,MIS.FAIS,FAGE., a consultant General Surgeon, Surgical Gastro – Enterologist, Laparoscopic surgeon, and Endoscopist.

Dr. MACS. R. SATHISH, MBBS, D.Ortho. is the Orthopaedic Surgeon with rich experience in general Trauma and Accident Surgery and he is the Medical Director of the hospital. In addition to the above-mentioned doctors this hospital has its own consultants and visiting consultants from all specialties. Shenbagam hospital caters to the needs of patient from all walks of life. It was the first hospital to have intensive care unit in Madurai and also the first hospital to perform renal transplantation in South Tamil Nadu.

**OUR VISION**

To provide an affordable medical care to the needy with utmost care, love and attention, so that they return home with a sense of satisfaction, with the assistance of the members of the Shenbagam team.

**MISSION**

- To provide affordable medical care and assistance to the needy, not only from the city and suburbs from all southern districts.
- To continue to strive in improving the quality of service and treatment to the patients based on acquiring new technologies and improvements in the field of medicine and continuous training to the staff both in, paramedical and support team.
- To provide information and knowledge by periodical health awareness camps in the Hospital, the city, the suburbs and far off place.
- To encourage the consultants attached to the Hospital to attend as many conferences as possible in their field of medicine, either to
present papers, deliver lectures or learn the latest developments thus keeping abreast with the progress in the field of medicine.

- To upgrade the facilities available in the Hospital, in a phased manner over the next ten years to make it THE BEST Hospital, with more sophistication, bringing in most modern equipments and recruiting and training more manpower in the field of nursing and allied areas with an increased number of supporting staff.

- To promote the opening of more subsidiaries, like a unit “Home away from Home” for the Aged, raise the present School of Nursing to a College of Nursing, increasing the beds in the Hospital to 125, Strengthening the present Para Medical Institute with more members of the Faculty and begin a course on Dieticians (BSC) and to expand and modernise the Shenbagam Diabetic Clinic with more modern facilities and adding equipments.

**QUALITY POLICY**

- To maintain a high level of housekeeping and 100% patient satisfaction.

- To achieve excellence in nursing care and thereby boosting the image of the hospital.

- To maintain 100% reliability in Diagnostic tests.

- To accommodate qualified and committed Doctors, for a Multi – Speciality Outlook.

- To add new facility or upgrade one existing facility each year.

- To serve the unprivileged through Multi – Speciality camps.

- To open Shenbagam School of Nursing nearer to Shenbagam Hospital.

- To increase the number of Beds to 110 in next 3 years.

- To open a separate hospital of 3/5 star grade.
To open separate wing for Senior Citizen.
To install additional captive power.
The Hospital has the following facilities.

ICU
The 11-bedded centrally air-conditioned ICU is equipped with ventilators, monitors, central oxygen and other modern equipments needed for an excellent care of the patients, cardiac, post operative and other serious illness that requires constant monitoring. The ICU is staffed with well experienced Doctors on duty round the Clock and the Specialists on call at short notice. It is manned with well-trained and dedicated staff nurses.

ENDOSCOPY AND LAPAROSCOPY CENTRE
Laparoscopy was started in 1996 at Madurai. Having performed more than 6000 cases, this hospital has established itself to be a leading centre in laparoscopic work in and around Madurai. Bronchoscopy, Sinuscopy, Sigmoid copy and other facilities are available. Diagnostic and therapeutic scopy is being done here.

TRAUMA CENTRE
Fully equipped trauma care unit with a 24 hour trauma team has been setup to attend emergency and medico legal cases. Latest trauma care facility for fracture treatment is available along with a well-equipped theatre. The hospital has a C-arm to help in improving the quality of work done.

DIALYSIS – HAEMODIALYSIS
A Dialysis unit is functioning at the hospital under Dr. R.M.HEMANATH. MD.DM, Dialysis is being done daily at a nominal cost. And it runs for 24 hours on all days of the week, as the demand is very high in this area.
DIODE LASER SURGERY

A Diode laser is available in the hospital to facilitate surgical procedures.

PHYSIOTHERAPY

The physiotherapy unit is well equipped and managed by four well experienced physiotherapists. It has the latest equipments to attend to post operative care with all modern and state of the art equipments. The Physiotherapists are well trained in handling these equipments and works on all days, except on Sundays, which is half-a-day.

DIET KITCHEN

Food is supplied from the hospital diet kitchen to the patient and attendees. Qualified dieticians manage the dietary requirements of the patients.

Each morning the Dieticians go on round along with the Doctors and take down their instructions on the type of diet to be given to the patient. Clean, healthy and wholesome food is prepared in such a manner to maintain its nutrient value and is prepared under the direct supervision of the Sr. Dietician, who sees to it that they are supplied on time to the patients in their rooms / beds. Special diets are also prepared to meet the needs of the variety of patients, cultures, and practices.

MATERNITY CENTRE

A fully equipped maternity centre is functioning under the leadership of Dr.R.JEYAGOWRI MD.DGO. Our hospital is approved for performing family planning surgery by the government. Most of the deliveries are normal deliveries and some of them, if required are done by the caesarian section. Special care is given to the mother and child at this centre.
THEATRE FACILITIES

Twin A/c theatre facilities with a separate septic theatre equipped with Monitors / Ventilators, Defibrillator and manned by well theatre trained staff and technicians.

A minor operation theatre is used for attending to such requirements as removal of sutures, cleaning of wounds, diabetic foot cleaning and dressing. This SOT is fully equipped with all facilities to make the patient comfortable and the Doctor is free to access any of these facilities to make the patient comfortable.

ROOM FACILITIES

Clean, spacious, well-ventilated rooms with attached bathrooms, telephones and TV connections are available. Air-conditioned rooms, deluxe rooms, Suite room are available. As of now we have 75 beds in the Hospital. There is a General Ward, to accommodate those patients who need such facility with very moderate charges. Additional bed is available in all rooms, where the attendant can conveniently stay. The side rack, the medicine chest, the clothes wardrobe cupboard are also available. The beds can be adjusted, electronically, by the patient to any position that he likes.

PIONEER DIAGNOSTIC CENTRE

24 hours Lab, X-ray, Scan centre are attached with hospital. Doppler scan, Antenatal checkup, Echocardiogram, Treadmill test and EEG are also available.

This again is manned by highly qualified technicians and supervised by Radiologist who is with us for decades now.
SHENBAGAM PHARMACY

24 hours medical shop is available within the hospital premises. The Pharmacy has won the praise of all patients and Attenders – because it never says “NO” to any medicine requirement. Rare medicines are also available at this Pharmacy.

AMBULANCE

Ambulance is available in the hospital and it is well equipped to handle all emergency cases. The service is available 24 hours a day, manned by a well experienced driver, who can rise to any occasion along with a helping assistant.

The remarkable feature, in this hospital is that all the facilities are available round the clock under a single roof.

2.4 MEENAKSHI MISSION HOSPITAL AND RESEARCH CENTRE

At MMHRC, we believe in delivering the best in health care to all our patients at all times. The emergency department simply portrays this vision. MMHRC Institute of Emergency Medicine is one of the largest and busiest emergency departments in South Tamil Nadu; not just in terms of dimension (20 fully equipped beds) but also in excellence owing to the highly skilled, qualified emergency physicians, who are available round the clock, to save lives.

“Zero Waiting Time” has been successfully sustained by the committed emergency rescue team while providing appropriate and timely care to almost all patients. Reviving patients from cardiac arrests has been a trademark of the department with more than 70% success.
Accident and Emergency department is at the frontline of the hospital medical care services. Its uniqueness resides in its own primary existence to provide emergency medical healthcare and education. In fulfillment of its mission, the department strives to provide acute emergency care for all major medical and surgical emergencies, and also acute minor emergencies, 24 hours a day, seven days a week, all year round.

Being the foremost tertiary referral centre and level one trauma centre in the region, the hospital attends to the most sick, complicated, critically ill and severely injured patients. The emergency team at the department takes utmost care of such patients by triaging them immediately on arrival, resuscitating and stabilizing them before shifted to Intensive care units under specialize departments.

Mass casualties have been dealt with success and well coordinated effort continuing its effort the department works to fulfill its mission to serve the people through quality education, caring practice and advancement of the health sciences.

The driving motto of the department is care to all the patients at par with the current international standards of emergency medical services. That is why, we don’t just to deliver care but do so with compassion and respect for the individual.

VARIOUS DEPARTMENTS AND SPECIALTIES

- Accident and Emergency Medicine
- Anaesthesiology and pain clinic
- Andrology and Urology
- Cardiac Anaesthesiology
- Cardio thoracic and Vascular Surgery
- Cardiology
- Dental and Maxillo Facial Surgery
- Dermatology & Venereology
- Diabetology
- Dietetics & Clinical nutrition
- ENT (Otorhinolaryngology)
- General Medicine
- Hematology and Bone Marrow Transplantation
- Radiology
- Intensive Respiratory Care Unit & Toxicology
- Medical Oncology
- Nephrology
- Neurology & Neurosurgery
- Nuclear Medicine
- Obstetrics & Gynaecology
- Ophthalmology
- Orthopaedics and Traumatology
- Paediatrics and Neonatology
- Plastic Surgery
- Psychiatry
- Pulmonology & Sleep Medicine
- Radiation Oncology
- Reproductive Medicine
- Gastroenterology
- Surgical Oncology
- Vascular Surgery
PROMOTIONAL INITIATIVES

In today’s competitive health industry, the marketing division of any hospital plays a vital role in enhancing the patient flow at MMHRC, under the guidance of the founder, Dr N Sethuraman, and Vice Chairman, Dr S Gurushankar, the marketing team promotes the hospital’s services to the beneficiaries. Our marketing officials are working not only towards increasing the number of patients, but also to impart knowledge about the preventive, corrective and palliative methods of treatment.

QUALITY SERVICE

Quality is the result of a collective effort and total commitment. We believe in benchmarking ourselves in enhancing customer satisfaction by meeting their needs and regulatory requirements. We focus on regular quality improvement, enhancing performance and implementing innovative ideas in all of the services we offer.

Our aim is to offer quality clinical services and care of international standards, in well-managed, efficient, and safe facilities. The guiding beacon of all our endeavors is customer satisfaction. That is why; we have implemented numerous programs that allow us to work in tandem with the customer’s pulse.

2.5 VADAMALAYAN HOSPITAL

Our hospital history should start by introducing you to our founder, a great visionary Dr.P.Vadamalayan.

Dr.P. Vadamalayan, our founder and a great visionary devoted his life to public service and to the health care service for the people down south Tamil Nadu. He started his self-less and tireless medical service in the early 1930 and he stared Vadamalayn hospital during the year of 1957. He practiced “Evidence based medicine” to provide ethical, timely and effective treatment for the ailing people from all over south Tamilnadu. A 10 bedded clinic at the palace road,
Madurai with modern equipments (like 300 MA X-Ray Machine, an unknown entity at that time) was a boon to the people in and around Madurai at that period.

Dr.Vadamalayan was doyen among medical professionals of yester years. His meritorious service in health care was acknowledged aptly by “Rao Bahadur Award”.

**Vision**

To be the hospital of choice in providing the highest quality health care services to all sectors of the society.

**Mission**

To deliver compassionate, patient-centered care in a multispeciality tertiary health care facility by constant practice of "Evidence Based Medicine".

**Quality Policy**

We deliver comprehensive, quality medical services through continuous improvement with technical expertise and safety that is extraordinarily effective.

**MEDICAL DEPARTMENTS**

- Anesthesiology
- Cardiology
- Dermatology
- Dentistry
- Diabetology
- Endocrinology
- E.N.T
- Accident & Emergency Medicine
- Gastroenterology
- General Surgery
• Gynaecology & Obstetrics
• Dept. Of Laproscopics
• Bariatric & Metabolic Surgery
• Nephrology
• Neurology
• Oncology
• Opthamology
• Pediatrics
• Neuro Psychiatry & psychology
• Plastic & cosmetic surgery
• Pulmonology
• Urology
• Sleep Medicine
• General Medicine