

Department of **Plastic Surgery**



Plastic Surgery Taking Points

- Faciomaxillary Surgery
- Cleft lip and Palate
- Syndactyly
- Polydactyly
- Ptosis
- Trigger Finger
- Giant Keloid
- Gynaecomastia
- Breast and cheek Augmentation
- Liposuction, Thigh, back and breast
- Abdominoplasty (Tummy Tuck)
- Tubular recanalization (Tuboplasty)
- Pilonidal Sinus
- Primary Brachial Plexus
- Upper Limb reconstruction surgery
- Finger Reimplantation surgery (Hand micro surgery-cut/crush injury)
- Any cut or crush even penile or ear
- Diabetic foot and gangrene treatment
- Burns Unit
- Flap cover and Grafting
- Scar revision and redo
- Hair implantation surgery
- Oculoplasty -dry eye
- Microtia- undeveloped pinna (external ear)



Overview of the Plastic Surgery facilities:

- **Advanced Equipment:**

High-resolution operating microscopes for precision microsurgery, state-of-the-art liposuction facilities, and the latest technologies in aesthetic surgery.

- **Operating Theaters:**

Modern, fully equipped surgical suites designed to support a wide range of plastic surgery procedures.

- **Post-Operative Care:**

Dedicated and well-monitored recovery wards to ensure comprehensive patient support and safety.



Procedures

Aesthetic Procedures

- **Facial Rejuvenation:**
Includes face lifts, skin peeling, Botox and filler injections, eyelid surgery (blepharoplasty), and eyebrow lifting to reduce wrinkles and enhance appearance.
- **Liposuction:**
Removes resistant fat from areas such as the abdomen, thighs, and \ buttocks for body contouring.
- **Abdominoplasty (Tummy Tuck):**
Removes excess skin and fat from the abdomen while tightening underlying muscles to create a firmer, flatter abdomen.
- **Rhinoplasty (Nose Reshaping):**
Reshapes the nose for an improved facial profile and can also address breathing difficulties.
- **Breast Procedures:**
Includes breast augmentation and breast reduction surgeries.

Reconstructive Procedures

- **Hand Surgery:**
Covers fracture repairs, nerve decompressions, tendon repairs, and treatment for rheumatoid deformities or congenital hand abnormalities.
- **Trauma and Burn Reconstruction:**
Corrects deformities caused by accidents, burns, or infections.
- **Congenital Defect Correction:**
Repairs birth defects such as cleft lip and palate.
- **Cancer Reconstruction:**
Provides restorative surgeries following cancer treatments.



Department of **Plastic Surgery**

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Dr. M. Muralidhasan

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Dr. Shylesh Ramesh babu

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Department of **Neurology**





The Neurology and Neuroscience Department and its Services:

Neurology and Neuroscience Department

- Specialized in diagnosing and treating disorders of the brain, spinal cord, and peripheral nerves
- Comprehensive care combining advanced diagnostics, medical therapy, and surgical solutions

Brain and Spine Surgeries

- Vascular neurosurgery for conditions affecting blood vessels in the brain and spine
- Functional neurosurgery to address movement disorders, epilepsy, and other neurologic conditions
- Peripheral nerve surgeries for nerve compression, injury, or dysfunction

Pain Management

- Surgical and non-surgical pain management approaches tailored for neurological conditions

Head Injury Care

- Advanced treatment for traumatic brain injuries and related complications

Tumor and Cranial Surgeries

- Neurosurgeries for brain and spinal cord tumors
- Specialized cranial nerve surgeries for rare and complex conditions

Pediatric Neurosurgery

- Dedicated neurosurgical care for children with congenital or acquired neurological conditions
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Expert Team

- Neurologists and neurosurgeons with extensive expertise, including:
- Dr. G. Jos Jasper, MBBS, MCh, PGDMLS
- Dr. K. Madhusuthan, MS, MCh
- Dr. S. Srihari, MS, MCh
- Dr. R. Rajarajan, MDDM Neuro
- Dr. R. Ravichandran, MDDM Neuro

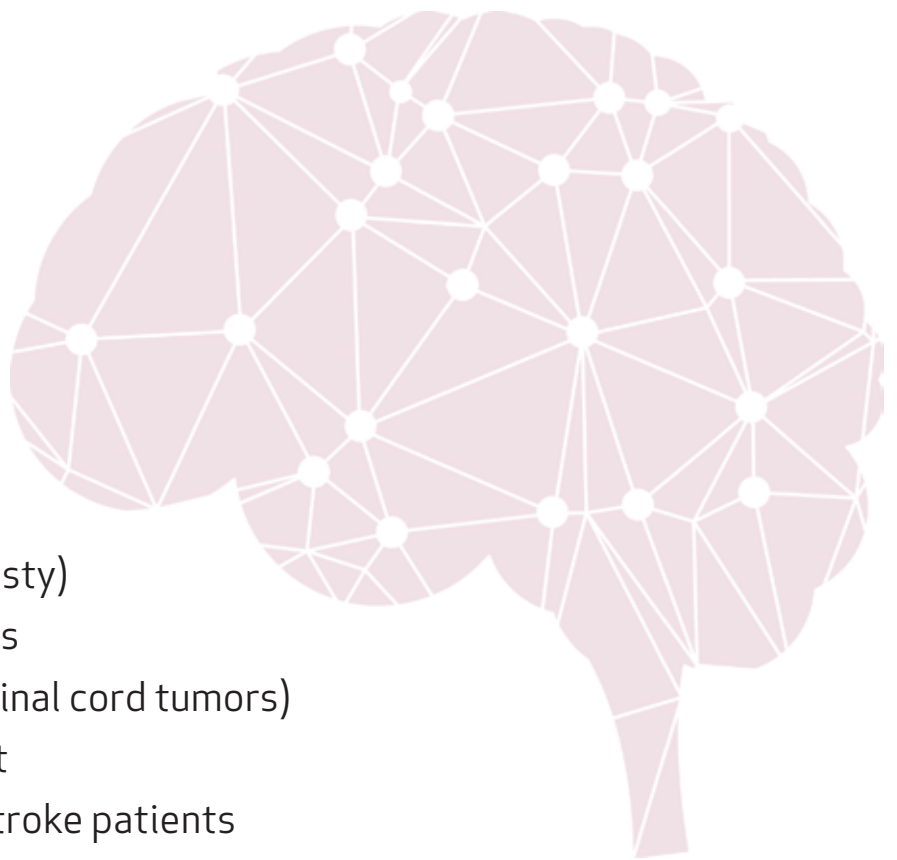
Advanced Diagnostics and Treatment

- Utilization of cutting-edge diagnostic technologies like MRI, CT, and neuro-navigation
- Modern therapeutic techniques for personalized, precise neurological care



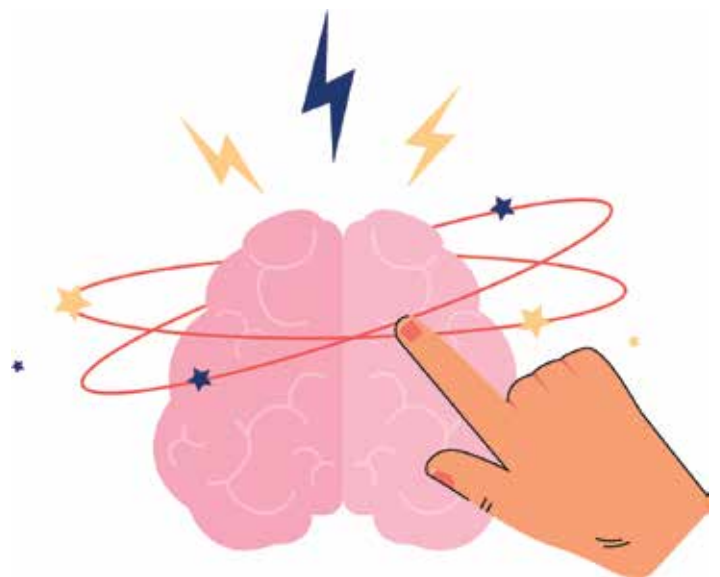
Procedures and Surgeries

- Aneurysm clipping and coiling
- Glomina surgery
- Awake craniotomy
- Craniotomy
- Carotid endarterectomy
- Corpectomy
- Foramenectomy
- Laminectomy
- Cervical discectomy
- Lumbar discectomy
- Osteotomy
- Microlumbar discectomy
- Kyphoplasty (vertebroplasty)
- Neurovascular procedures
- Neuro oncology (brain/spinal cord tumors)
- Hydrocephalus treatment
- Thrombolysis for acute stroke patients
- Functional neuro procedures for uncontrolled seizures
- Epilepsy management
- IV immunology therapy
- Nerve conduction studies
- Special movement disorders clinic
- Special migraine clinics
- Management of Guillain-Barré syndrome



Facilities of Neurosciences Department

- 24/7 availability of neurologists, neurosurgeons, anesthesiologists, and interventional radiologists
- Capability to manage critical care for head injuries including primary brainstem injury
- Advanced endoscopic devices and high-definition monitors
- Keyhole brain surgery and minimally invasive spine surgery
- Zeiss Kinevo 900, a world-class surgical operating microscope
- 10-bedded Neuro ICU
- Neuro navigation systems for accurate targeting including transcranial magnetic stimulation
- Solitaire device for mechanical thrombectomy
- Cath lab (catheterization laboratory)
- Advanced imaging and diagnostic tools such as MRI, CT scans, EEG, ENMG/EMG



Our Doctor's **Neurology**

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Department of **Critical Care**





Procedures of Critical Care Department

Ventilators:

Patients with severe breathing difficulties receive support from mechanical ventilators that provide oxygen to their lungs.

Renal Replacement Therapy:

Special equipment is used to function like a kidney, filtering waste products from the blood for patients with renal (kidney) problems.

Intra-aortic Balloon Pump:

This device assists the heart in pumping blood more efficiently, particularly when the heart is unable to pump enough blood itself.

ECMO:


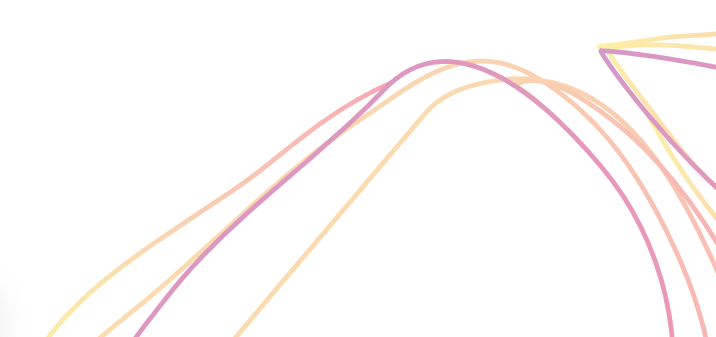
Kauvery Hospital offers Extracorporeal Membrane Oxygenation for comprehensive life support.

Code Blue Procedures:

The department is equipped to handle resuscitation emergencies, ensuring immediate and expert care for critically ill patients.

Tracheostomy:

For patients requiring prolonged breathing support, emergency tracheostomy can be performed, where a tube is placed directly into the windpipe.



Percutaneous Tracheostomy:

A minimally invasive technique is used for patients who need a tracheostomy tube placed without a surgical procedure.

Fibre optic bronchoscopy:

This diagnostic and therapeutic tool is used for examining and treating the airways.

Invasive Monitoring:

Arterial pressure is measured through a cannula inserted into an artery, providing constant monitoring of vital signs.



Facilities of Critical Care Department

Advanced Life Support:

Comprehensive support including ventilators, renal replacement therapy, intra-arterial balloon pumps, and ECMO.

Integrated Emergency Care:

Seamless and well-connected emergency and critical care services.

Digital Technology:

All units are digital, utilizing big data and artificial intelligence for instant access to clinical information.

Specialized Teams:

Highly skilled doctors and nurses from various disciplines, supported by clinical pharmacists, physiotherapists, and nutritionists.



Paediatric Intensive Care:

An exclusive 16-bedded unit for critically ill children, with a 10-bedded High Dependency Unit (HDU) for step-down care.

Neonatal Intensive Care Unit (NICU):

A 40-bedded unit with 4 isolation and 10 step-down beds, plus specialized services for high-risk newborns.

Resuscitation & Transport:

A dedicated team for emergency resuscitation and transport of critically ill newborns.



Our Doctor's **Critical Care**

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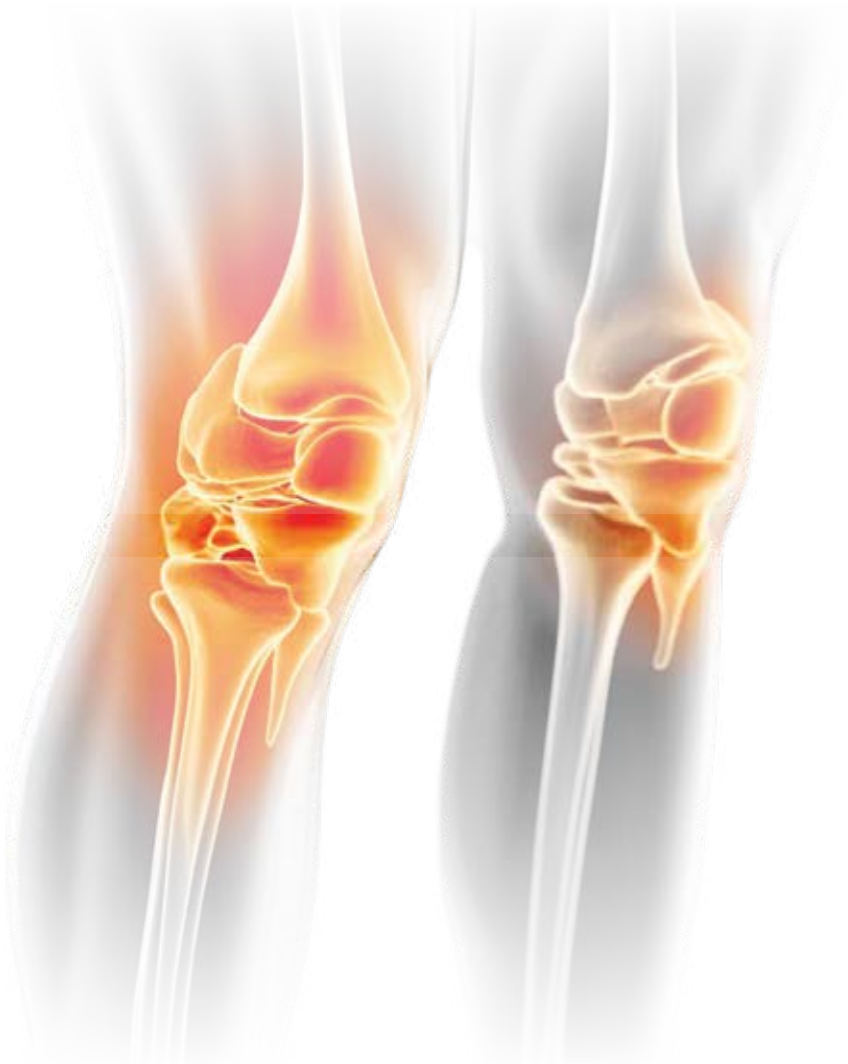
Dr. V. Thaddaeu,

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Department of **Orthopedics**



Procedure of Orthopedics

- Total Joint Replacement
(Hip, Knee, Ankle, Elbow, Hand, Shoulder)
- Revision Joint Replacement for Failed Arthroplasties.
- Advanced Shoulder Scopes for rotator cuff Disease, Recurrent dislocation.
- Advanced Arthroscopic surgery to knee such as ACL/PCL, Meniscal Repair.
- Treatment for Complex Trauma & Major Trauma.
- Arthroscopic Surgery to Elbow, Wrist, Ankle, Knee and Shoulder
- Sports Injuries.
- Russian Ilizarov Techniques.
- Canadian Ponseti Method.
- French Nailing Techniques.
- Lengthening and shortening limbs.
- Treatment for Acetabulum Fracture.

Facilities of Orthopedics

- High Definition Arthroscopy System (HD)
- State of the Art Fracture Treatment Facilities
- Largest Physiotherapy Unit
- 24*7 Anaesthetic & Intensive Care Support for Adults & Children



Our Doctor's **Orthopedics**

Dr. P. R. Ramasamy,

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Dr. S. Chockalingam,

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Dr R.Rajesh,

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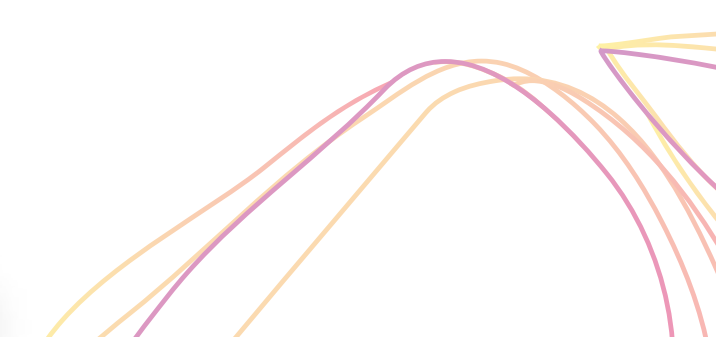
MBBS, MS (ORTHO), FIJR (Mumbai), FIAS (Barcelona)
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Department of **Gastroenterology**





Procedures of Gastroenterology Department

- Appendicectomy
 - Cholecystectomy
 - All types of hernia repair (Inguinal, Umbilical & Incisional)
 - CBD exploration
 - Fundoplication for reflux
 - Heller's cardio myotomy for achalasia
 - Splenectomy
 - Duodenal ulcer perforation closure
 - Adhesiolysis
 - Pancreatic necrosectomy and pseudocyst operations
 - Laparoscopic gastrectomy
 - Laparoscopic and thoracoscopic esophagectomy
 - Laparoscopic colectomy / Anterior resection / AP resection
 - Laparoscopic distal pancreatectomy
 - Laparoscopic Whipple's procedure
 - Liver resection
 - Obesity surgery (sleeve gastrectomy, gastric bypass)
- 

Facilities of Gastroenterology Department

Medical Gastroenterology: Offers diagnostic and therapeutic procedures like gastroscopy, colonoscopy, duodenoscopy, ERCP, EUS, capsule endoscopy, and more.

Surgical Gastroenterology: Provides surgical solutions for gastrointestinal diseases, including minimally invasive laparoscopic surgeries, obesity surgery, and liver transplantation.

Advanced Endoscopy Suite: Equipped with the latest technology for performing endoscopic procedures.

Endoscopic Ultrasound (EUS): Offers advanced imaging for diagnosing and obtaining biopsies from the digestive tract.

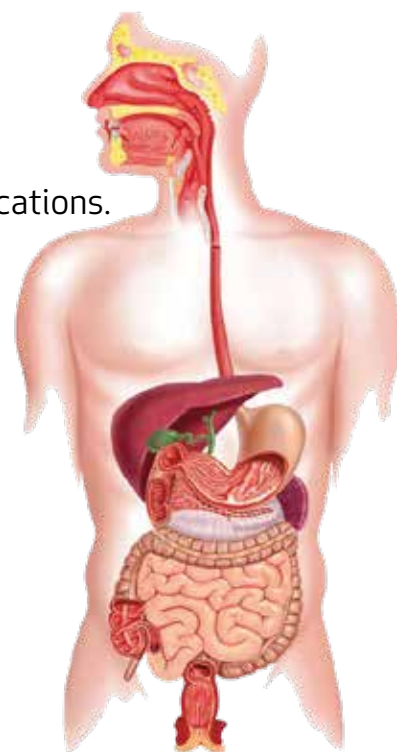
Specialized Teams: Kauvery Hospital has multidisciplinary teams of medical and surgical gastroenterologists, working together to provide comprehensive care.

Focus on Minimally Invasive Procedures: Surgical Gastroenterology emphasizes minimally invasive techniques like laparoscopic surgery to reduce recovery time and complications.

Comprehensive Care: Kauvery Hospital provides comprehensive care for a wide range of digestive disorders, including cancers, hernias, and liver diseases.

Preventive Care: They also offer preventative health measures through collaboration with nutritionists for therapeutic diets and lifestyle modifications.

Liver Transplantation and Hepatobiliary Surgery: A dedicated unit for liver transplantation and hepatobiliary surgeries.






Department of **Gastroenterology**

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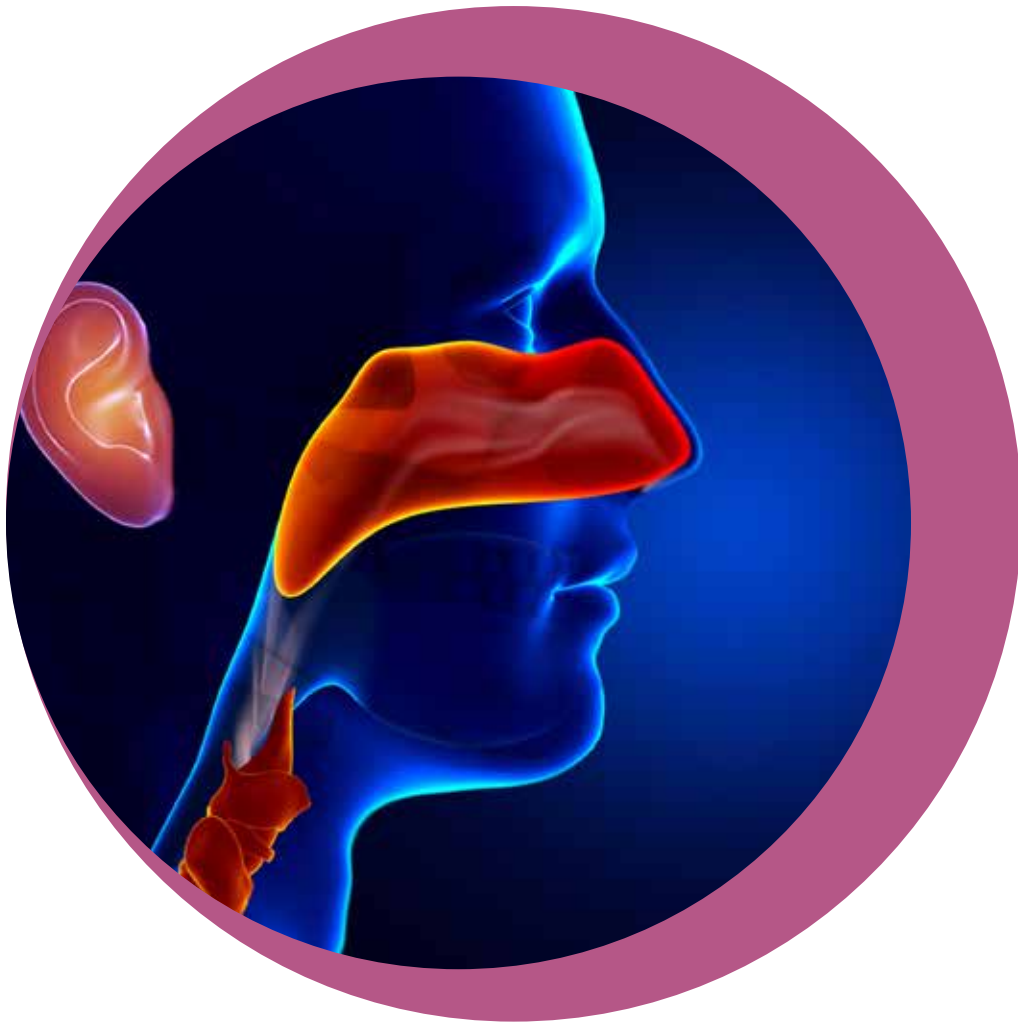
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Department of **ENT Head and Neck Surgery**



Key ENT Procedures and Facilities:

Surgery:

- **Ear:** Microsurgery of the ear, Mastoidectomy, Tympanoplasty.
- **Nose:** Functional Endoscopic Sinus Surgery (FESS), Septoplasty, Endoscopic sinus surgery.
- **Throat:** Micro laryngeal surgery, treatments for vocal and speech disorders.
- **Head & Neck:** Surgeries for tumors of the head and neck, Thyroid and Neck Surgeries, Anterior Skull Base Surgery, Pituitary Tumours, Frontal Surgery, Maxillectomy, and Skull Base Osteomyelitis.

Audiology & Hearing Services:

- Comprehensive ear care facilities.
- Audiology assistance and hearing aid fittings and analysis.
- Rehabilitation for the hearing impaired.
- Cochlear implant facilities.

Specialized Care:

- Laryngology: Management of vocal and speech disorders, including tearing of the tear duct.
- Balance Problems: Diagnosis and treatment for dizziness and vertigo.
- Sleep Apnea: Treatments for snoring and sleep apnea.
- Speech Therapy: Support for speech-delayed children.



Our Doctor's **ENT Head and Neck Surgery**

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