

Curriculum for
6 weeks Certificate Course in
in
Otology-Temporal Bone Dissection
Duration



SRI AUROBINDO UNIVERSITY

SAIMS HOSPITAL CAMPUS, Indore Ujjain, State Highway, Bhawrasla, Indore, Madhya
Pradesh 453555

CURRICULUM

Course – Certificate Course in Otology-Temporal Bone Dissection Duration – 6 weeks

This extensive 6 week course is designed as a complete temporal bone dissection course for the resident or fellow in training or as an update for the practicing otolaryngologist. The course seeks to improve the surgical skill of participants through a series of dissection exercises and review of topics in otology, neurotology and skull base surgery.

Upon completion of the course, participants will understand clinical decision making and will have improved basic temporal bone dissection skills so as to avoid technical errors in performing ear surgery, thus leading to fewer patient complications.

Dissection exercises include:

- Canal wall down mastoidectomy
- Facial nerve decompression
- Facial recess dissection
- Intact canal wall mastoidectomy
- Meatoplasty
- Middle cranial fossa and lateral approaches to the temporal bone
- Ossicular reconstruction
- Stapedectomy
- Trans labyrinthine approach to internal auditory canal
- Trans mastoid labyrinthectomy
- Tympanoplasty

Emphasis will be placed on providing the physician with a conceptual understanding of the three-dimensional temporal bone anatomy. The course emphasizes intensive hands-on dissection under faculty supervision for six hours daily, rather than observation of videotapes or live surgery.

Faculty and prominent visiting professors contribute their expertise in the laboratory and through daily lectures. Lecture topics are listed below. Three additional lectures will be provided on other pertinent topics by the distinguished guest professor. We begin promptly at 9 a.m. in the Temporal Bone lab 4TH Floor Dept of ENT.

- Welcome/Drilling Instruction and Topographic Anatomy
- Temporal Bone Dissection: Cortical Mastoidectomy, Canalplasty
- Middle Ear
- Chronic Otitis Media and Mastoid Procedures
- Temporal Bone Dissection: Canal Wall Down Mastoidectomy, Facial Nerve Dissection and Endolymphatic Sac
- Radiology of the Ear and Temporal Bone
- Tympanoplasty Techniques
- Temporal Bone Dissection: Intact Canal Wall Mastoidectomy, Facial Recess Approach and Trans mastoid Labyrinthectomy
- Otosclerosis and Stapedectomy
- Temporal Bone Dissection: Facial Nerve Decompression and Endolymphatic Sac
- Cochlear Implant Basics Neurotologic Skull Base Surgery
- Temporal Bone Dissection: Trans labyrinthine Approach to IAC, and ICW Mastoidectomy and Cochleostomy
- Surgical Treatment of Facial Nerve Disorders
- Temporal Bone Dissection: Middle Cranial Fossa Approach, and Middle Ear and Eustachian Tube
- Lecture by Guest Faculty
- Grand Rounds: Guest Faculty
- Temporal Bone Dissection: Tympano-meatal Flap, Middle Ear Exploration, Stapedectomy and Ossicular Chain Reconstruction
- Lecture by Guest Faculty
- Elective Temporal Bone Dissection Activities
- Temporal Bone Anatomy/Embryology; Common Clinical Pathology
- Vestibular Disorders & Medical Management
- Temporal Bone Dissection: Extended Facial Recess

Approach, Lateral Temporal Bone Resection

- Vestibular Surgery & Patient Disorders
- Temporal Bone Dissection: Facial Nerve Mobilization, Approaches to Petrous Apex and Infratemporal Fossa Approach to Skull Base
- Optional Vestibular Testing Lab Tour
- Adjournment