

## Table of Contents

### Unit 1: Clinical Fundamentals

- Outcomes Research and Evidence Based Medicine
- Vascular Thromboembolism (VTE)
- Anesthesia for the Otolaryngologist
- The Impaired Physician
- Ethics and Professionalism
- Pain Management
- Universal Precautions
- Fatigue Management

### Unit 2: Rhinology

- Sinonasal Anatomy
- Physiology of Nose and Paranasal Sinuses
- Olfactory Disorders
- Epistaxis
- Anatomic Obstruction
- Rhinitis (Non-Allergic)
- Rhinosinusitis
  - Unified Airway Theory
  - Polypoid
  - Nonpolypoid
  - Acute, Chronic, Acute Recurrent
  - Fungal Sinus Disease (Mycetoma, Allergic, Invasive)
- Systemic Diseases with Sinonasal Manifestations
- CSF Rhinorrhea
- Neoplasms (Benign, Malignant)
- Pathology of Regions Adjacent to Paranasal Sinuses
  - Orbital, Lacrimal
  - Anterior Skull Base, Middle Skull Base
- Sinonasal Disease in The Elderly
- Headaches and Facial Pain

### Unit 3: Allergy

- Basic Immunology
- Hypersensitivity Disorders
- Food Allergy
- Latex Allergy
- Allergy Testing
- Allergy Treatment (Environmental Control, Pharmacotherapy, Dietary Control, Immunotherapy)
- Anaphylaxis
- Allergic Rhinitis
- Allergic Ocular Disease and Conjunctivitis
- Allergic Disease and Rhinosinusitis
- Allergic Disease and Laryngeal Dysfunction
- Allergic Disease and Asthma
- Allergies in The Elderly

### Unit 4: Laryngology, Voice, and Swallowing

- Laryngeal Anatomy and Embryology
- Physiology of Voice, Breathing, and Swallow
- Videolaryngoscopy and Stroboscopy
- Vocal Function Tests, Laryngological EMG
- Pharyngitis
- Laryngitis
- Laryngopharyngeal Reflux
- Benign Laryngeal Lesions
- Vocal Nodules
- Contact Ulcer and Granuloma
- Laryngeal Polyps, Cysts, and Sulci
- Laryngoceles
- Laryngeal Paralysis and Paresis
- Presbyphonia
- Functional Voice Disorders
- Spasmodic Dysphonia
- Vocal Tremor

- Subglottic and Glottic Stenosis  
Neurologic Diseases and the Larynx
- Granulomatous Diseases of the Larynx
- Acute Airway Management
- Voice Therapy
- Dysphagia
- Zenker's Diverticulum
- Aspiration

## Unit 5: Adult Sleep Medicine

- Sleep Physiology (Changes with Aging)
- Diagnostic Evaluation of Sleep Disorders
- Sleep Disorders (Non-Obstructive)
- Obstructive Sleep Apnea (OSA)
- Surgical Treatment of OSA
- Non-Surgical Management of OSA

## Unit 6: Pediatric Otolaryngology

- Care of Pediatric Surgical Patient
- Syndromes and Genetics
- Adenotonsillar Disease, Obstructive Sleep Apnea
- Congenital Cysts and Sinuses of Head and Neck
- Vascular Lesions Including Hemangiomas and Vascular Malformations
- Pediatric Hearing Loss
- Congenital Nasal Masses and Anomalies
- Pediatric Rhinosinusitis – Chronic and Acute
- Complications of Pediatric Rhinosinusitis
- Congenital Laryngotracheal Diseases
- Acquired Laryngotracheal Diseases
- Evaluation of Congenital and Acquired Stridor in Infants and Children
- Foreign Bodies in Aerodigestive Tract
- Caustic Ingestions
- Voice Disorders and Analysis in Children
- GERD In Children
- Feeding and Swallowing Issues
- Pediatric Malignancies of Head and Neck
- Pediatric Deep Neck Space Infections
- Pediatric Head and Neck, Facial Trauma
- Cleft Lip and Palate

## Unit 7: Otology/Audiology

- Temporal Bone and Skull Base Anatomy
- Physiology of Eustachian Tube, Middle Ear, Mastoid
- Physiology of the Auditory System
- Audiologic Testing
- Physiology of the Vestibular System
- Vestibular Testing
- Facial Nerve Testing
- Surgical Monitoring
- Anesthesia for Otolgic Surgery
- Temporal Bone and Lateral Skull Base Imaging

### External Ear

- Disorders of the External Ear and External Canal
- Neoplasms of Ear and Lateral Skull Base
- Congenital Aural Atresia

### Middle Ear/Eustachian Tube / Mastoid

- Acute Otitis Media and Complications
- Chronic Otitis Media and Cholesteatoma
- Conductive Hearing Loss

### Inner Ear

- Sensorineural Hearing Loss
- Third Window Disorders
- Tinnitus
- Meniere's Disease
- Benign Paroxysmal Positional Vertigo
- Vestibular Migraines
- Other Vestibular Disorders, Dizziness
- Amplification
- Cochlear Implantation and other Implantable Technology
- Vestibular Rehabilitation

### Facial Nerve

- Facial Nerve Disorders

#### Lateral Skull Base

- Vestibular Schwannoma
- Petrous Apex Disease
- CSF Otorrhea: Encephalocele And CSF Leaks

### Unit 8: Head & Neck Surgery

- Head and Neck Cancer Epidemiology and Statistics
- Principles of Chemotherapy and Chemoprevention
- Principles of Radiation Oncology and Organ Preservation Strategies
- Tumor Biology and Immunology of Head and Neck Cancer
- Nutrition in Head and Neck Cancer
- End-of-Life Issues
- Supportive Care / Pain Management
- H&N Manifestations of Immunocompromised Patient
- Head and Neck Cancer in the Elderly

#### Scalp and Facial Skin

- Cutaneous Melanoma
- Non-Melanoma Skin Cancer
- Mucosal Melanoma
- Orbital Neoplasms
- Salivary Gland Disease and Neoplasms

#### Lip and Oral Cavity

- Stomatitis
- Odontogenic Cysts and Related Jaw Tumors
- Dental Occlusion and Dentistry
- TMJ Disorders
- Oral Cavity Neoplasms

#### Pharynx

- Pharyngitis
- Tonsillitis
- Oropharyngeal Neoplasms
- Hypopharyngeal Neoplasms
- Nasopharyngeal Neoplasms

#### Larynx

- Laryngeal Neoplasms (Glottic, Supraglottic, Subglottic)

- Paranasal and Nasal Malignancies
- Head and Neck Soft Tissue Sarcoma
- Benign Neck Diseases

#### Neck

- Deep Neck Space Infections
- Neck and Parapharyngeal Space Neoplasms
- Skull Base Surgery and Transfacial Surgical Approaches
- Unknown Primary Neck Disease: Considerations and Workup
- Principles of Neck Dissection
- Post-Laryngectomy Voice Rehabilitation

#### Reconstructive Surgery

- Regional Advancement and Rotation Flaps for Large Defects of the Head and Neck
- Principles of Microvascular Free Tissue Transfer for Soft Tissue Reconstruction of the Oral Cavity, Pharynx, and Larynx
- Principles of Microvascular Free Tissue Transfer for Reconstruction of the Mandible, Midface, other prosthetics

#### Thyroid / Parathyroid

- Thyroid Disease and Neoplasms
- Parathyroid Disease and Neoplasms

#### Trachea

- Tracheal Neoplasms

### Unit 9: Facial Plastic and Reconstructive Surgery

- Normal Cutaneous Anatomy and the Aging Process including Aesthetic Assessment
- Facial Analysis and Cephalometrics
- Wound Healing

- Implants and Biomaterials
- Grafts (Autografts, Homografts, and Alloplasts)
- Cutaneous Flaps
- Unit Reconstruction (Ear, Nose, Lip, Eye)
- Facial Reanimation
- Tissue Expansion
- Skin Resurfacing
- Browlift
- Blepharoplasty
- Rhytidectomy
- Liposuction
- Botox, Fillers, Fat Injection
- Otoplasty
- Functional Rhinoplasty
- Primary Rhinoplasty
- Secondary Rhinoplasty
- Hair Restoration
- Chin and Malar Augmentation
- Cutaneous Lesions – Pigmented
- Cutaneous Lesions – Non-Pigmented
- Scar Revision
- Pediatric Auricular Reconstruction and Otoplasty

## Unit 10: Trauma

- ABCs Of Initial Trauma Management
- Soft Tissue Trauma
- Nasal Bone Fractures
- Orbit Fractures
- Midface and Zygoma Fracture
- Frontal Sinus and Anterior Skull Base Trauma
- Nasoorbitoethmoid Fracture
- Mandible Fracture

- Temporal Bone Trauma
- Laryngeal Trauma
- Penetrating and Blunt Neck Trauma
- Burn Management

## Unit 11: Business of Medicine

- Advocacy and Health Policy- How to Keep Up and Participate
- Electronic Medical Records
- Alternative Payment Models
- CPT Process for Code Creation
- RUC Process for Code Valuation
- Coding and Documentation
- Types of Surgical Facilities
- Information and Knowledge Management
- Patient Privacy Legislation and HIPAA
- Patient Safety and Quality Improvement in Otolaryngology
- Compliance and Audits
- Types of Practice (Private, Employed, Academic, Military, and Hybrid)
- Business Models, Office Management, Systems Based Practice
- Systems Based Practice
- Job Search and Contract Negotiation
- Incorporating Mid-Level Providers into Your Practice
- Taxes, Retirement and Financial Planning
- Marketing and Practice Growth
- Incorporation of Ancillary Services
- Incorporating Quality Reporting / MACRA into Your Practice
- Otolaryngology Outreach