# 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 Otologic 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 Immunocomprised 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)

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
• Naso-orbito-ethmoid 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