

**Volume 1. Basic Science.**

**CELL BIOLOGY.**

*Molecular Biology .*  
*Genetics in Otolaryngology and Neurotology.*  
*Gene Therapy.*  
*Mechanisms of Anticancer Drugs.*  
*Radiotherapy.*  
*Apoptosis and Cell Death.*  
*Stem Cells.*  
*Aetiology and Pathogenesis of Goitre.*  
*Genetics of Endocrine.*

**WOUND HEALING.**

*Soft and Hard Tissue Repair.*  
*Skin Flap Physiology.*  
*Biomaterials, Tissue Engineering and their Application.*

**IMMUNOLOGY.**

*Defence Mechanisms.*  
*Allergy: Basic Mechanisms and Tests.*  
*Evaluation of the Immune System.*  
*Evaluation of the Immune System.*  
*HPV Molecular Biology.*  
*Rheumatological Diseases.*

**MICROBIOLOGY.**

*Microorganisms.*  
*Viruses and Antiviral Agents.*  
*Fungal Infections.*  
*Antimicrobial Therapy.*  
*HIV and Otolaryngology.*

**HAEMATOLOGY.**

*Blood Groups, Blood Components and Alternatives to Blood Transfusion.*  
*Haemato-Oncology.*  
*Haemostasis: Normal Physiology, Disorders of Haemostasis and Thrombosis.*

## **PHARMACOTHERAPEUTICS.**

*Drug Therapy in Otology.*

*Drug Therapy in Rhinology.*

*Drug Therapy in Laryngology and Head and Neck Surgery.*

## **PERIOPERATIVE MANAGEMENT.**

*Preparation of the Patient for Surgery.*

*Recognition and Management of the Difficult Airway.*

*Adult Anaesthesia.*

*Adult Critical Care.*

*Paediatric Intensive Care.*

## **SAFE AND EFFECTIVE PRACTICE.**

*Training and Accreditation and Maintenance of Skills.*

*Communication and the Medical Consultation.*

*Clinical Governance Improving the Quality of Patient Care.*

*Medical Ethics.*

*Medical Jurisprudence in Otorhinolaryngology.*

*Non-Technical Skills for Surgeons.*

## **INTERPRETATION AND MANAGEMENT OF DATA.**

*Epidemiology.*

*Outcomes Research.*

*Evidence-Based Medicine.*

*Critical Appraisal Skills.*

## **RECENT ADVANCES IN TECHNOLOGY.**

*Electrophysiology and Monitoring.*

*Optical Coherence Tomography.*

*Positron Emission Tomography and Integrated PET/CT.*

*Image Guided Surgery, 3D Planning and Reconstruction.*

*Interventional techniques.*

*Laser Principles in Otolaryngology, Head and Neck Surgery.*

*Contact Endoscopy.*

## **Endocrine Surgery.**

## **OVERVIEW.**

*History of Thyroid and Parathyroid Surgery.*

*Developmental Anatomy of the Thyroid and Parathyroid Glands.*

*Developmental Anatomy of the Pituitary Gland.*

*Physiology of the Thyroid and Parathyroid Glands.*

*Physiology of the Pituitary Gland.*

*Imaging in Head and Neck Endocrine Disease.*

*Thyroid Cytology and Histopathology of Head and Neck Endocrine Disease.*

#### **THYROID DISEASE.**

*Clinical Evaluation of the Thyroid Patient.*

*Investigation of Thyroid Disease.*

*Benign Thyroid Disease.*

*Management of Differentiated Thyroid Cancer.*

*Management of Medullary Thyroid Cancer.*

*Management of Anaplastic Thyroid Cancer/Lymphoma.*

*Management of Recurrent and Metastatic Disease.*

*Adjuvant Treatments in Thyroid Cancer.*

#### **THYROID SURGERY.**

*Thyroidectomy.*

*Surgery for Locally Advanced and Nodal Disease.*

*Minimally Invasive and Robotic Thyroid Surgery.*

*Management of the Enlarged Thyroid.*

#### **PARATHYROID DISEASE.**

*Clinical Evaluation of Hypercalcaemia.*

*Investigation of Hyperparathyroidism.*

*Management of Hyperparathyroidism.*

*Management of Persistent and Recurrent Hyperparathyroidism.*

*Management of Parathyroid Cancer.*

*Bilateral Neck Exploration.*

#### **PARATHYROID SURGERY.**

*Minimally Invasive Parathyroidectomy.*

*Surgical Failure and Reoperative Surgery.*

#### **THYROID AND PARATHYROID OUTCOMES.**

*Complications of Thyroid/Parathyroid Surgery and how to avoid them.*

*Thyroid and Parathyroid Surgery: Audit and Outcomes.*

*Medicolegal Aspects of Head and Neck Endocrine Surgery.*

**PITUITARY DISEASE.**

*Clinical Evaluation of the Pituitary Patient.*

*Investigation of Pituitary Disease.*

*Primary Pituitary Disease.*

*Recurrent Pituitary Disease.*

*Adjuvant Treatment of Pituitary Disease.*

**Rhinology.**

*Anatomy of Nose, Paranasal Sinuses and Skull Base.*

*Outpatient Assessment.*

*Physiology of the Nose and Paranasal Sinuses.*

*Measurement of the Nasal Airway.*

*Allergic Rhinitis.*

*Non Allergic Rhinitis.*

*Occupational Rhinitis.*

*Rhinosinusitis.*

*Nasal Polyposis.*

*Fungal Rhinosinusitis.*

*Medical Management of Rhinosinusitis.*

*Surgical Management of Rhinosinusitis.*

*The Frontal Sinus.*

*Mucocoeles.*

*Complications of Rhinosinusitis.*

*Relationship of Upper and Lower Respiratory Tract.*

*Nasal Septum and Nasal Valve.*

*Nasal Septal Perforation.*

*The Management of the Enlarged Turbinate.*

*Epistaxis.*

*Nasal and Facial Fractures.*

*CSF Rhinorrhoea.*

*Granulomatous Conditions of the Nose.*  
*Olfaction.*  
*Disorders of the Orbit.*  
*Diagnosis and Management of Facial Pain.*  
*Juvenile Angiofibroma.*  
*Endoscopic Management of Sinonasal Tumours.*  
*Management of Pituitary and Parasellar Diseases.*  
*Extended Anterior Skull Base Approaches.*  
*Radiological Imaging in Rhinology and Skull Base Surgery.*

**Volume 2. Paediatrics.**

*Introduction to Paediatric Otorhinolaryngology.*  
*The Paediatric Consultation.*  
*Recognition and Management of the Sick Child.*  
*Anaesthesia for Paediatric Otorhinolaryngology Procedures.*  
*The Child with Special Needs.*  
*The Child with a Syndrome.*  
*Management of the Immunodeficient Child.*  
*Hearing Screening and Surveillance.*  
*Hearing Tests in Children.*  
*Investigation Management of Deaf Child.*  
*Congenital Middle Ear Abnormalities.*  
*Otitis Media with Effusion.*  
*Acute Otitis Media.*  
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*Microtia and External Ear Abnormalities .*  
*Speech and Language Development.*  
*Cleft Lip and Palate.*  
*Craniofacial Anomalies.*  
*Vertigo in Children.*  
*Facial Paralysis in Children.*  
*Epistaxis.*

*Neonatal Nasal Obstruction.*

*Rhinosinusitis and its Complications.*

*Lacrimal Disorders in Children.*

*The Adenoid and Adenoidectomy.*

*Paediatric Obstructive Sleep Apnoea.*

*Stridor.*

*Acute Laryngeal Infections.*

*Congenital Disorders of Larynx, Trachea and Bronchi.*

*Acquired Laryngotracheal Stenosis.*

*Juvenile-Onset Recurrent Respiratory Papillomatosis.*

*Paediatric Voice Disorders.*

*Foreign Bodies in the Ear, Nose and Throat.*

*Tracheostomy and Home Care.*

*Peri-Natal Airway Management.*

*Cervicofacial Infections.*

*Diseases of Tonsils, Tonsillectomy and Tonsillotomy.*

*Salivary Glands.*

*Tumours of Head and Neck.*

*Cysts and Sinuses of Head and Neck.*

*Haemangioma and Vascular Malformations.*

*Drooling and Aspiration.*

*Reflux and Eosinophilic Oesophagitis.*

*Oesophageal Disorders in Children.*

**Ear and Skull Base. AUDIO-VESTIBULAR MEDICINE.**

*Anat and Embryol EXT + Middle Ear.*

*The Anatomy of the Cochlea and Vestibular System: Relating Ultrastructure to Function.*

*Physiology of Hearing.*

*Physiology of Equilibrium.*

*Perception of Sounds.*

*Psychoacoustic Audiometry.*

*Evoked Measurement of Auditory Sensitivity.*

*Prevention of Hearing Loss.*

*Hearing Aids.*

*Beyond Hearing Aids: an Overview of Adult Audiological Rehabilitation.*

*Age-Related Sensorineural Hearing Impairment .*

*Noise Induced Hearing Loss and Related Conditions.*

*Autosomal Dominant Nonsyndromic SNHL.*

*Ototoxicity.*

*Idiopathic Sudden Sensorineural Hearing Loss.*

*Tinnitus and Hyperacusis.*

*Evaluation of Balance.*

*Ménière's Disease.*

*Benign Paroxysmal Positional Vertigo.*

*Sup Semi Circular Canal Dehiscence.*

*Vestibular Neuritis.*

*Migrainous Vertigo.*

*Vestibular Rehabilitation.*

*Auditory Neuropathy Spectrum Disorder and Retrocochlear Disorders in Adults and Children.*

*Understanding Tinnitus: A Psychological Perspective.*

*Auditory Processing Disorders Across the Age Span.*

*Psychiatric Aspects of Vestibular Disorders.*

## **OTOLOGY.**

*Clinical Examination of Ears and Hearing.*

*Furunculosis.*

*Myringitis.*

*Keratitis Obturans, Primary Auditory Canal Cholesteatoma and Benign Necrotizing Otitis Externa.*

*Acquired Atresia of the External Ear. Otitis Externa and Otomycosis.*

*Perichondritis of External Ear.*

*Exostosis of the External Auditory Canal.*

*Osteoradionecrosis of Temporal Bone.*

*Acute Otitis Media in Adults.*

*Chronic Otitis Media.*  
*Myringoplasty.*  
*Ossiculoplasty.*  
*Eustachian Tube Dysfunction.*  
*Otoendoscopy.*  
*Tuberculosis of Temporal Bone.*  
*Otosclerosis.*  
*Otological Effects of Paget's Disease.*  
*Ear Trauma.*  
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**IMPLANTATION OTOLOGY.**

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*Cochlear Implants.*  
*Middle Ear Implants.*  
*Auditory Brainstem Implant.*

**SKULL BASE.**

*Radiology of the Temporal Bone.*  
*Anatomy of the Lateral Skull Base.*  
*Evaluation of the Skull Base Patient.*  
*Vascular Assessment and Management.*  
*Natural History of Vestibular Schwannoma.*  
*Surgical Management of Vestibular Schwannoma.*  
*Gamma Knife.*  
*Patient with Neurofibromatosis 2.*  
*Non-Vestibular Schwannoma Tumours of the Cerebellopontine Angle.*  
*Middle Fossa Surgery.*  
*Jugular Foramen Lesions and their Management.*  
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*Approaches to Nasopharynx and Eustachian Tube.*  
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*Clinical Neuroanatomy.*  
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*Tumours of the Facial Nerve.*  
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**Volume 3. Head and Neck Surgery.**

*History.*  
*Aetiology of Head and Neck Cancer.*  
*Epidemiology of Head and Neck Cancer.*  
*Staging of Head and Neck Cancer.*  
*The Changing Face of Cancer Information.*  
*Molecular Biology of Head and Neck Cancer.*  
*Nasal Cavity and Paranasal Sinus Malignancy.*  
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*Rehabilitation after Total Laryngectomy.*  
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*Neck Metastases from an Unknown Primary.*  
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*Principles and Practice of Radiotherapy in Head and Neck Cancer.*  
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*Transoral Laser Microsurgery.*  
*Transoral Anatomy as Applied to Transoral Surgery.*  
*Chemotherapy in Head and Neck Cancer.*  
*Cysts and Tumours of the Bony Facial Skeleton.*  
*Pathology of Head and Neck Malignancies.*

*Open Conservation Surgery for Laryngeal Cancer.*

*Measures of Treatment Outcomes.*

*Applications of Robotics in Head and Neck Practice.*

*Biologically Targeted Agents in Head and Neck Cancer.*

*Prosthetic Rehabilitation of HN Defects.*

*Multidisciplinary Team Working.*

*Nutritional Considerations in Head and Neck Cancer.*

*Speech, Voice and Swallow Rehabilitation after Chemoradiation.*

*Surgical Anatomy of the Neck.*

*Clinical Examination of the Neck.*

*Imaging of the Neck.*

*Neck Trauma.*

*Benign Neck Disease.*

*Neck Space Infections.*

*Anatomy and Embryology of the Mouth and Dentition.*

*Benign Oral and Dental Disease.*

*Salivary Gland Anatomy.*

*Physiology of the Salivary Glands.*

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*Functional Investigations of the Upper Gastrointestinal Tract.*

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*Voice and Speech Production.*  
*Assessment and Examination of the Larynx.*  
*Evaluation of the Voice.*  
*Structural Disorders of the Vocal Chords.*  
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*The Professional Voice.*  
*Speech/Voice Therapy for Voice Disorders.*  
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*Acute Infections of the Larynx.*  
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*Physiology of Sleep and Sleep Disorders.*  
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*The Surgical Management of Snoring.*  
*Laryngeal Stenosis in Adults.*  
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*Pre-Operative Assessment for Rhinoplasty.*  
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*History of Reconstructive Surgery.*

*Grafts and Local Flaps in Head and Neck Surgery.*

*Pedicle Flaps in Head and Neck Reconstruction.*

*Reconstructive Microsurgery in Head and Neck Surgery.*

*Benign and Malignant Conditions of the Skin.*

*Facial Reanimation Surgery.*

*Partial and Total Ear Construction.*

*A Combined Prosthetic and Surgical Approach to Head and Neck Reconstruction.*