Contents

1. Head and Neck: History and Physical Examination 1
- Review of Systems 2
- Physical Examination 2
- Anatomy of the Ear and Mechanism of Hearing 12

2. The Ear 17
- Auricular Hematoma 18
- Otitis Externa (Swimmer's Ear) 19
- External Auditory Canal Exostoses (Surfer's Ear) 21
- Otitis Media—Middle Ear Infections 21
- Hearing Loss and Tinnitus 33
- Otosclerosis 35
- Presbycusis and Noise-Induced Hearing Loss 36
- Acoustic Neuroma 39
- Deafness and Hearing Restoration 41
- Otalgia 46
- Temporomandibular Joint (TMJ) Syndrome 47
- Vertigo 52
- Facial Paralysis 58

3. The Nose 65
- Epistaxis 66
- Sinusitis 69
- Endoscopic Sinus Surgery 91
- Allergic Rhinitis 94
- Vasomotor Rhinitis 96
- Nasal Obstruction 97
- Rhinorrhea 100
- Smell Loss 101
- Nasal Irrigation 108
- Environmental Control for Allergy 109

4. The Throat: Oral Cavity, Oropharynx, Larynx, Hypopharynx, Esophagus and Trachea 113
- Tonsillitis 114
- Viral Pharyngitis 115
- Peritonsillar Abscess 116
- Differential Diagnosis of Sore Throat 117

- Oral Cavity Venereal Disease 121
- Globus 122
- Foreign Bodies in the Airway 124
- Foreign Bodies in the Esophagus 125
- Hoarseness 126
- Acute Epiglottitis 130
- Tonsillectomy and Adenoidectomy: Indications and Problems 132

5. Neck Masses: Differential Diagnosis and Evaluation 141
- Neck Masses Resulting from Congenital Lesions 144
- Neck Masses Resulting from Trauma 146
- Neck Masses Resulting from Inflammatory Lesions 146
- Neck Masses Resulting from Neoplastic Lesions 149
- Neck Masses Resulting from Metabolic Disorders 150

6. Head and Neck Cancer 161
- Squamous Cell Carcinoma 162
- Salivary Gland Cancer 171
- Thyroid Cancer 173
- Skin Cancer 177

7. Facial Plastic and Reconstructive Surgery 183
- Maxillofacial Trauma 184
- Case Study: Facial Trauma 191
- Case Study: Infraorbital Rim Fracture 198
- Case Study: Maxillofacial Fractures 205
- Case History: Mandibular Fracture 1 208
- Case History: Mandibular Fracture 2 208
- Cosmetic Surgery 213
- Case Study: Cosmetic Surgery 214
- Subcondylar Fracture 227

8. Psychosocial Considerations 229
- Case Examples 232

9. Sleep Medicine 243
- Positive Airway Pressure Therapy 245

10. HIV/AIDS, Hepatitis and Otolaryngology 257

Index 265