Contents

1. **Anatomy and Physiology of the Nose, Paranasal Sinuses, and Olfaction** **1**
   Angela Donaldson, Roheen Raithatha
   - Anatomy of the Olfactory System *1*
   - Sinonasal Physiology *6*
   - Embryology of the Nose and Paranasal Sinuses *8*
   - Anatomy of the Nose and Paranasal Sinuses *9*

2. **Acute Rhinosinusitis** **25**
   Abtin Tabaee
   - Pathophysiology *25*
   - Clinical Presentation and Diagnosis *27*
   - Therapy *31*
   - Complications *33*

3. **Chronic Rhinosinusitis** **39**
   Patrick Stevens, Belachew Tessema, Seth M Brown
   - Epidemiology *39*
   - Pathogenesis *40*
   - Clinical Presentation, Evaluation and Diagnosis *43*
   - Subtypes of Rhinosinusitis *46*
   - Management *48*
   - Complications of Rhinosinusitis *51*

4. **Nasal Obstruction** **57**
   Qasim Husain, Ashutosh Kacker
   - Objective Nasal Obstruction *57*
   - Subjective Nasal Obstruction *81*
   - Approach to the Patient with Nasal Obstruction *84*

5. **Nasal Neoplasms** **97**
   Valeria Silva Merea, Ashutosh Kacker
   - Benign Nasal Neoplasms *98*
   - Malignant Nasal Neoplasms *101*

6. **Epistaxis** **109**
   James Foshee, Alfred Marc Iloreta
   Gurston G Nyquist, Marc R Rosen
   - Epidemiology *109*
   - Anatomy *110*
   - Management *111*
   - Anterior Epistaxis *112*
   - Posterior Epistaxis *117*

7. Common Nasal and Sinus Pathologies in Children **125**
Karin PQ Oomen, Ashutosh Kacker
- Sinusitis *125*
- Epistaxis *128*

Index *131*