# Oral and Maxillofacial Surgery

**Andersson, Lars DDS, PhD**

**ISBN-13:** 9781405171199

## Table of Contents

1. List of Contributors.
2. Preface.

### Part 1: Basic Principles.
2. 2 Radiographic Imaging in Oral and Maxillofacial Surgery (Arne Petersson).
3. 3 Medical Aspects ? High-risk Patients (Earl G. Freymiller).
4. 4 Medical Emergency Care (Zachary S. Peacock and M. Anthony Pogrel).
5. 5 Local Anesthesia (John Gerard Meechan).
6. 6a Sedation and General Anesthesia in Oral and Maxillofacial Surgery: A UK Perspective (C. Michael Hill).
8. 7 Dentofacial Infection (Ashraf Ayoub).
9. 8 Armamentarium for Basic Procedures (Ala Al-Musawi).
10. 9 Basic Surgical Principles (M. Anthony Pogrel and Fabio Kricheldorf).
11. 10 Complications Associated with Dentoalveolar Surgery (Srinivas M. Susarla, Ryan J. Smart, and Thomas B. Dodson).
12. 11a Normal Wound Healing (Anh Le and Vivek Shetty).
13. 11b Compromised Wound Healing (Gosta Granstrom).

### Part 2: Dentoalveolar Surgery.
14. 12 Extraction of Teeth (Adel Al-Asfour and Sanjiv Kanagaraja).
16. 14 Surgical Management of Third Molars (Tara Renton).
17. 15 Surgical Treatment of Impacted Teeth other than Third Molars (Mehran Hossaini).
19. 17 Autotransplantation of Teeth (Lars Andersson, Mitsuhiro Tsukiboshi, and Jens O. Andreasen).
20. 18 Endodontic Surgery (Peter Carrotte and Colin Murray).

### Part 3: Implant Surgery.
22. 20 Implantology (Lars Rasmusson and Lars Sennerby).
23. 21 Optimal Implant Placement in the Esthetic Zone by the Use of Guided Bone Regeneration (Christer Dahlin).
24. 22 Implant Placement in the Posterior Mandible (Bo Rosenquist).
25. 23 Autogenous Bone Harvesting Techniques (George K.B. Sandor, David K. Lam, Leena P. Ylikontiola, Vesa T. Kainulainen, Kyosti S. Oikarinen, and Cameron M.L. Clokie).
24 Treatment of Bone-deficient Ridges in Implant Rehabilitation (Karl-Erik Kahnberg).
25 Implant Rehabilitation in the Posterior Maxilla Using Autogenous Bone Material (Karl-Erik Kahnberg).
26 Biomaterials for Bone Replacement in Implant Surgery (Carlo Maiorana).
27 The Zygoma Implant for the Totally Atrophied Maxilla (Chantal Malevez).
28 The Role of Implants in Maxillofacial Reconstruction (Arun B. Sharma and John Beumer III).

Part 4: Infections.
29 Infections of the Oral and Maxillofacial Region (Tomoari Kuriyama, Michael A.O. Lewis, and David W. Williams).

Part 5: Oral Pathologic Lesions.
31 Cystic Lesions of the Jaws (Nicholas M. Goodger and Christopher W. Hendy).
32 Odontogenic and Non-odontogenic Tumors of the Jaws (R. Bryan Bell).
33 Mucosal Lesions (Potentially Malignant Disorders of the Oral Mucosa) (Takashi Fujibayashi).
34 Principles of Oral Cancer Management (Brian L. Schmidt).
35 Management of Patients Undergoing Radiation and Chemotherapy (Goran Kjeller).
36 Salivary Gland Disorders (Mark McGurk and Jeremy Sherman).

Part 6: Trauma.
38 Assessment of the Injured Patient (Brian Bast).
39 Traumatic Dental Injuries (Lars Andersson and Jens O. Andreasen).
40 Midfacial Fractures (Petr Schulz and Lars Andersson).
41 Orbital Reconstruction and Panfacial Fractures (Marc Christian Metzger, Nils Weyer, Ralf Schon, and Rainer Schmelzeisen).
42 Mandibular Trauma ? Principles of Treatment (William Chung and Bernard J. Costello).
43 Transoral Endoscope-assisted Treatment of Displaced Condylar Mandible Fractures (Ralf Schon and Rainer Schmelzeisen).
44 Soft Tissue Trauma (Bethany Serafin, Paul Koshgerian, and Richard H. Haug).

Part 7: Dentofacial Deformities.
45 Cleft Lip and Palate: An Overview (Radhika Chigurupati, Andrew Heggie, and Krishnamurthy Bonanthaya).
46 Diagnosis and Treatment Planning for Orthognathic Surgery (Johan P. Reyneke and Carlo Ferretti).
47 Orthognathic Surgery in Obstructive Sleep Apnea (Scott B. Boyd).
49a Craniofacial Syndrome Patients ? Reconstructive Surgery (Peter Tarnow).
49b Craniofacial Syndrome Patients ? Orthognathic Surgery (Karl-Erik Kahnberg).
51 Mandibular Reconstruction (M. Anthony Pogrel and Brian L. Schmidt).
52 Tissue Engineering and Reconstruction (Henning Schliephake).

53 Cosmetic Facial Surgery (Joe Niamtu).

Part 8: Temporomandibular Joint Disorders.

54 Diagnosis and Non-surgical Management of Orofacial Pain (Charles McNeill and Patricia A. Rudd).

55 Arthroscopy and Arthroscopic Surgery (Anders Holmlund).

56 Temporomandibular Joint Surgery (Anders Holmlund).

57 Temporomandibular Joint Reconstruction (Anders Westermark).

Index.