



Contents

Contributors	vi - xi
Preface	xii - xiii
Anesthesia Section	ANS/1
Temporomandibular Joint Section	TMJ/1
Pediatric Surgery Section	PED/1
Trauma Section	TRA/1
Aesthetic and Cosmetic Surgery Section	COS/1
Head and Neck Infections Section	INF/1
Emerging Technologies Section	TCH/1
Index	



Anesthesia

TOPICS IN THIS SECTION

- Anesthetic Agent Update ANS/4
- Pain and Anxiety Management for the Pediatric Patient ANS/28
- Anesthetic Considerations for the Geriatric Patient ANS/58
- Management of Facial Pain ANS/75
- Evaluation Forms ANS/106
- Questions ANS/109
- Discussions and Reading References ANS/113

EDITORS FOR THIS SECTION

Kirk L. Fridrich, DDS, MS
Richard G. Burton, DDS, MS

Temporomandibular Joint

TOPICS IN THIS SECTION

- Osteoarthritis: Histopathology and Biochemistry of the TMJ TMJ/4
- Conservative and Presurgical Management of TMJ Disorders TMJ/28
- Arthrocentesis of the TMJ TMJ/40
- Current Concepts in TMJ Arthroscopy TMJ/51
- Total TMJ Prostheses: Comparison of Early and Emerging Technology TMJ/71
- Evaluation Forms TMJ/103
- Questions TMJ/106
- Discussions and Reading References TMJ/110

EDITORS FOR THIS SECTION

Daniel B. Spagnoli, DDS, PhD
Michael G. Koslin, DMD



Pediatric Surgery

TOPICS IN THIS SECTION

- Reducing Distress and Promoting Coping for the Pediatric Patient PED/4
- Pediatric Dentoalveolar Surgery PED/18
- Evaluation and Management of Pediatric Midface Injuries PED/36
- Temporomandibular Joint Disorders in Children PED/46
- Implants in Children PED/66
- Maxillofacial Applications of Distraction Osteogenesis PED/83
- Evaluation Forms PED/91
- Questions PED/94
- Discussions and Reading References PED/98

EDITORS FOR THIS SECTION

Bonnie L. Padwa, DMD, MD
Leonard B. Kaban, DMD, MD



Trauma

TOPICS IN THIS SECTION

- Evaluation and Management of Traumatic Eyelid Injury TRA/4
- Evaluation and Management of Ear Injuries TRA/13
- Diagnosis and Management of Dentoalveolar Injuries TRA/27
- Mandibular Condylar Fractures TRA/44
- Management of Panfacial Fractures TRA/60
- Complications of Zygomatic-Orbital-Maxillary Complex Fractures TRA/80
- Evaluation Forms TRA/91
- Questions TRA/94
- Discussions and Reading References TRA/99

EDITORS FOR THIS SECTION

A. Omar Abubaker, DMD, PhD
Robert A. Strauss, DDS



Aesthetic and Cosmetic Surgery



TOPICS IN THIS SECTION

- Skin Resurfacing COS/4
- Techniques of Brow-lifting COS/22
- Facial Implants COS/42
- Aesthetic Surgery of the Perioral Region COS/59
- Adjunctive Procedures COS/75
- Evaluation Forms COS/84
- Questions COS/87
- Discussions and Reading References COS/91

EDITORS FOR THIS SECTION

John R. Werther, DMD, MD
John B. Tanner, DDS, MD

Head and Neck Infections

TOPICS IN THIS SECTION

- The Microbiology of Orofacial Abscesses and Issues in Antimicrobial Therapy INF/4
- Update on Antibiotic Therapy for Oral and Maxillofacial Infections INF/22
- Antibiotic Prophylaxis for Endocarditis, Joint and Vascular Prostheses, and Surgical Procedures INF/50
- Management of Periapical Infections by Endodontic Surgery INF/64
- The Timing of Incision and Drainage INF/73
- Early Diagnosis and Surgical Management of Necrotizing Fasciitis, Mediastinitis, and Brain Abscess INF/83
- Update on the Human Immunodeficiency Virus (HIV) Epidemic INF/103
- Evaluation Forms INF/127
- Questions INF/130
- Discussions and Reading References INF/135

EDITORS FOR THIS SECTION

Thomas R. Flynn, DMD
Stuart E. Lieblich, DMD



Emerging Technologies



TOPICS IN THIS SECTION

- Biotechnology/Tissue Engineering in Oral and Maxillofacial Surgery TCH/4
- Growth Factors: Options for Bone Regeneration TCH/14
- Platelet Concentrate: A Strategy for Accelerating and Improving Bone Regeneration TCH/24
- New Products TCH/32
- Tissue Engineering in Maxillofacial Reconstruction TCH/45
- Principles of Gene Therapy TCH/52
- Navigational Surgery TCH/63
- Evaluation Forms TCH/74
- Questions TCH/77
- Discussions and Reading References TCH/81

EDITOR FOR THIS SECTION

Stephen E. Feinberg, DDS, MS, PhD