

Dentoalveolar Surgery An Issue Of Oral And Maxillofacial Clinics Of North America 1e The Clinics Dentistry

Dentoalveolar Surgery, An Issue of Oral and Maxillofacial Surgery Clinics of North America, E-Book Elsevier Health Sciences

A complete review of pediatric maxillofacial surgery for the oral and maxillofacial surgeon. Topics in this issue include soft tissue injuries, ear and nose reconstruction in children, facial dermatologic lesions, vascular anomalies, sino-nasal disease and orbital cellulitis, post-traumatic growth and development, cervical masses, calvarial injuries and scalp reconstruction, management of facial fractures, craniofacial dermoids, airway abnormalities and management, craniofacial fibrous dysplasia, and unusual head and neck infections.

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics focuses on Orthognathic Surgery. Articles will feature The Sagittal Split Osteotomy, Genioplasty, Intraoral Vertical Ramus Osteotomy, Lefort 1 Osteotomy, Lefort 2 and 3 Osteotomy, Implications of Two Jaw Sequencing, Surgically Assisted Rapid Palatal Expansion, Simultaneous Total Joint Replacement and Orthognathic Surgery: Planning and Sequencing and Surgical Approaches, and more!

This issue of Oral and Maxillofacial Surgery Clinics is devoted to Advanced Intraoral Surgery and is edited by Dr. Orrett Ogle. Articles will include: Removal of the

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Sublingual Gland; Uvulopalatopharyngoplasty; Transoral Parotidectomy; Oroantral Fistula; Mouth Gags: Advantages and Disadvantages; Intraoral Lip Augmentation; Periodontal Plastic Surgery; Correction of the Gummy Smile; Management of Intraoral Cysts; Bone Grafting for Implant Surgery; Use of Lasers and Piezoelectric in Intraoral Surgery; Buccal Fat Pad Flaps; Bone Grafting of Alveolar Clefts; Lingual Nerve Repair; and more!

Oral Surgery is a central subspecialty of dentistry. This issue of Dental Clinics of North America includes 18 articles covering the most relevant surgical procedures for the general dentist, including Patient Management, Legal Aspects and Risk Reduction for Office Oral Surgery, Update on Endodontic Surgery, Update on Local Anesthesia, Biopsy Techniques, Management of Common Post-Extraction Complications, Pediatric Dentoalveolar Surgery, Medical Assessment of the Surgical Patient, Sinus Lift Procedures, and Review of Antibiotics.

The latest in bone grafting for dental implant preparation! Articles include general principles of bone grafting, genetic and transcriptional control of bone formation, bone graft harvesting from distant sites, bone graft harvesting from regional sites, osteoperiosteal flaps and local osteotomies, allogeneic bone, titanium mesh in alveolar bone grafting, alveolar distraction osteogenesis, soft tissue considerations and gingival grafting, dental implants following reconstruction with free tissue transfer, and more!

Cutting edge information for all oral and maxillofacial

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surgeons on computed tomography and guided surgery!

Topics include comparison of CT and cone beam technologies, stereolithographic modeling and surgical guide concepts, virtual technologies in dentoalveolar evaluation and surgery, computer guided planning and placement of dental implants, utilization in the treatment of facial trauma, digital technologies in pathology and reconstruction, 3D technologies in craniofacial and orthognathic surgery, evaluation and fabrication of custom cosmetic facial implants, and extraoral craniofacial applications.

This special issue will review the many unanswered questions regarding oral and maxillofacial infections. Questions include: Should we extract teeth in the presence of infection? Should we wait for development of an abscess before we perform incision and drainage? What are the antibiotics of choice for odontogenic infections, and how long should the treatment course last? Is clindamycin losing its effectiveness in odontogenic infections? Should we use prophylactic antibiotics for removal of erupted teeth, impacted teeth, dental implants, or other dentoalveolar surgery? How can we as dentists minimize our contribution to the problem of antibiotic resistance? How will culture and antibiotic sensitivity testing be done in the foreseeable future? How can osteomyelitis of the jaws be diagnosed at the earliest possible time? How should the practicing oral and maxillofacial surgeon manage cases of odontogenic deep neck infections that extend beyond his/her area of expertise? Do dental infections really cause central nervous system infections? What are the

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lessons we can glean from review of recent closed malpractice cases involving oral and maxillofacial infections? How do we manage oral infections in the severely immunocompromised host, such as in chemotherapy for blood cancers or in bone marrow transplant patients? What is the role of biofilms in severe head and neck infections? How strong is the evidence supporting oral inflammation as a cause of systemic disease?

An important review on the orbit for the oral and maxillofacial surgeon! Topics include anatomy, imaging and radiology, growth and development of the orbit, surgical ophthalmology exam, surgical approaches and navigation technology, biomaterials in orbital surgery, orbital trauma, late correction of orbital deformities, orbital tumors, esthetic surgery of the orbits and eyelids, correction of the orbit in craniofacial deformities, prosthetic reconstruction of the orbit/globe, and more!

Editor Michael Kleiman, DMD and authors review the current state of Dentoalveolar Surgery. Articles include: Pre-prosthetic Surgery; Dentoalveolar Surgery for Patients on Modern Anticoagulants and Antiresorptive Medications; Dental Extractions and Preservation of Space; Managing Impacted Third Molars; Update on Coronectomy for Impacted Third Molars at High Risk for Paresthesia; Apicoectomies: Treatment Planning and Surgical Technique in a Modern World; Minimizing Pain, Swelling and Infections for Dentoalveolar Surgery; Implementing a "Culture of Safety in Dentoalveolar Surgery; Strategies for Minimizing Nerve Injuries in Dentoalveolar Surgery and What To Do If It Happens; Soft Tissue Procedures to Preserve and Restore Healthy Attached Gingiva around Natural Teeth and Implants; Surgical Treatment of Impacted Canines: What the

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Orthodontist Would Like the Surgeon to Know, and more!

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America focuses on Orbital Surgery and is edited by Drs. Leander Dubois and A.G. (Eddy) Becking.

Articles will include: Anatomy of the orbits; Orthoptic evaluation in orbital fractures; Standard preformed implants vs. patient specific implants; Implementation of an evidence-based clinical protocol for orbital fracture management; Ocular injury and emergencies around the globe; Secondary corrections of the orbit: Solitary fractures; Secondary corrections around the orbit: ZMC, NOE, panfacial; 3D virtual planning for orbital surgery; Orbital surgery navigation: The past, the present, and the future; Advanced concept of orbital reconstruction: Improving predictability of orbital reconstruction; Primary orbital fracture repair; Indications and timing of orbital surgery; and more!

Surgery for the Internal Derangement of the TMJ is explored in this important issue in the Oral and Maxillofacial Surgery Clinics. Articles will include: Condylectomies in condylar hyperplasia of the TMJ: Are they necessary?; Acute and chronic dislocation of the temporomandibular joint: What options do we have?; Ankylosis of the temporomandibular joint: How do we treat it?; Adjunct medical management for temporomandibular joint disorders: Where are we going?; Orthognathic surgery in the TMD patient: What happens later?; Missing temporomandibular joint congenital conditions: when do we operate?; Articular disc repositioning of the TMJ: does it really work?; Idiopathic condylar resorption of the temporomandibular joint: How do we stop it?; TMJ surgical complications; Connective tissue autoimmune disease: How does it affect the TMJ and where are we going?; and more. This issue of Oral and Maxillofacial Surgery Clinics of North America is devoted to Dentoalveolar Surgery and is edited by Dr. Somsak Sittitavornwong. Articles will include:

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Preprosthetic Dentoalveolar Surgery; Management of Impacted Third Molars; Principles of Exodontia; Complications, Including Infections, in Dentoalveolar Surgery; Medical Management of Patient undergoing Dentoalveolar Surgery; Trigeminal Nerve Injury; Oral Soft Tissue Grafting; Current Concepts of Periapical Surgery; Surgical Exposure of Impacted Teeth; Dental Trauma; Tooth Transplantation; Socket Grafting; Maxillary Sinus Diseases; and more!

This two part issue of Oral and Maxillofacial Surgery Clinics of North America is devoted to Dental Implants. Part I focuses on Reconstruction, and is edited by Dr. Ole Jensen. Articles will include: Surgical algorithm for bone augmentation in implant dentistry; Bone augmentation techniques for horizontal and vertical ridge deficiency; Biomimetic enhancement of bone graft reconstruction; Implant therapy in alveolar cleft sites; Complex surgical/prosthetic treatment planning for dental implants; Complex alveolar reconstruction; Single implant treatment; Complex reconstructive procedures; The use of zygomatic implants; Implant reconstruction: managing the anterior maxilla; Implant reconstruction: managing the posterior maxilla; The use of titanium mesh in alveolar reconstruction; Mandibular bone graft reconstruction; Guided bone regeneration; and more!

A complete review of anesthesia for the oral and maxillofacial surgeon! Topics in this issue include anesthesia training, determining the appropriate oral surgery anesthesia modality, setting and team, pre-, intra-, and post-operative anesthesia assessment and monitoring, anesthesia equipment, airway evaluation, common medical illnesses that affect anesthesia, pharmacology of intravenous medications and local anesthetics, pediatric sedation and anesthesia, pulmonary and respiratory anesthetic complications, cardiovascular anesthetic complications, endocrine anesthetic complications, and more!

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This issue of Oral and Maxillofacial Surgery Clinics of North America focuses on Pediatric Oral and Maxillofacial Pathology. Articles will include: Benign soft tissue pathology, Malignant head and neck pathology, Odontogenic cysts of the jaws, Non-odontogenic cysts of the jaws, Odontogenic tumors of the jaws, Non-odontogenic tumors of the jaws, Benign salivary gland pathology, Malignant salivary gland pathology, Vascular malformations and treatment, Vascular tumors of the head and neck, Radiotherapy to the head and neck and the growing patient, Chemotherapy for tumors of the head and neck in the growing patient, and more!

Dr. Louis Rafetto is guest editor of this issue devoted to management of third molars. This highly illustrated surgical atlas will include articles on third molar controversies, clinical examination and imaging techniques, indications for removal vs retention: decision making/risk assessment, complications of third molar surgery and their management, surgical management of mandibular third molars, surgical management of maxillary third molars, pathology associated with retained third molars, strategies to improve the surgical management of impacted third molars, and the nature of third molars.

This issue of Oral and Maxillofacial Surgery Clinics of North America is devoted to Global Oral and Maxillofacial Surgery and is edited by Drs. Shahid R. Aziz, Steven Roser and Jose M. Marchena. Articles will include: The Need for Global Maxillofacial Surgeons and Global Surgery; Maxillofacial Surgery in Low and Middle-income Countries; Global Burden of Head and Neck Cancer; Global Surgery, the International Surgeon, and Humanitarian Missions; Travel Medicine and Tropical Medicine: What the Global Maxillofacial Surgeon Should Know; Technology, Innovation, Ecosystem, and Skills Development in Global Surgery; Global Anesthesia in Oral and Maxillofacial Surgery; Educating the Global Maxillofacial

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Surgeon; Formal Training of the Global Surgeon: Current Educational Paradigms and Critical Elements for Progression; Diversity and Cultural Competency in Oral and Maxillofacial Surgery; Rural and Low and Middle Income Countries Oral and Maxillofacial Surgery; View from the Other Side: What a Low and Middle Income Country Oral and Maxillofacial Surgeon Wants from Us; Global Nursing in Low and Middle Resource Countries: Challenges and Opportunities in Perioperative Practice; Global Oral and Maxillofacial Surgery in the Warzone; The History and Mission of Smile Train, a Global Cleft Charity; and more!

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America focuses on Sialendoscopy and Minimally Invasive Salivary Gland Surgery, and is edited by Drs. Michael D. Turner and Maria J. Troulis. Articles will include: Surgical Armamentarium for Sialendoscopy; Surgical Techniques for the Management of Parotid Salivary Duct Strictures; Surgical Techniques for the Management Submandibular Salivary Duct Strictures; Surgical Retrieval of Parotid Stones; Surgical Retrieval of Submandibular Stones; Ultrasound Guided Salivary Gland Techniques and Interpretations; Combined Parotid Technique; Combined Submandibular Techniques; Robot Assisted Glandular Surgery; Extra-corporeal Lithotripsy; Intra-corporeal Lithotripsy, and more!

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America focuses on Sleep Surgery, and is edited by Dr. Stanley Liu. Articles will include: Upper Airway (Hypoglossal Nerve) Stimulation; Functional Drug Induced Sleeping Endoscopy; Genioglossus and Genioplasty Advancement; Maxillomandibular Advancement: Stanford Method; Pediatric Sleep Surgery: Skeletal Procedures; Maxillomandibular Advancement with TMJ Replacement; Transoral Robotic Surgery for the Tongue Base; Sleep

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Surgery in the Era of Precision Medicine; Maxillomandibular Advancement: Montreal Method; Nasal Surgery for Sleep-disordered Breathing; Tonsillectomy and Pharyngoplasty: Tissue Preserving Techniques; Pediatric Sleep Surgery: Soft Tissue Procedures; and more!

Articles include: Causes of the Difficult Airway, Management of the Difficult Airway in Oral and Maxillofacial Surgery, Emergency Cricothyrotomy, Operative Tracheostomy, Percutaneous Dialation Tracheostomy, Pediatric Tracheostomy, and Alternative Techniques in Airway Management.

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America focuses on Computer Aided Oral and Maxillofacial Surgery, and is edited by Dr. Kevin Arce. Articles will include: Computer Aided Planning and Placement in Implant Surgery; Patient-specific CAD-CAM Osteosynthesis in Orthognathic Surgery; 3-D Soft Tissue Simulation in Orthognathic Surgery; Computer Assisted Design and Manufacturing in Combined Orthognathic and Temporomandibular Joint Surgery; Computer Aided Design and Manufacturing in the Management of Craniofacial Congenital Deformities; Computer Assisted Planning and Intraoperative Navigation in the Management of Temporomandibular Joint Ankyloses; 3-D Computer-assisted Surgical Planning, Manufacturing, Intraoperative Navigation and CT in Maxillofacial Trauma; 3-D Computer Assisted Surgical Planning, Manufacturing and Intraoperative Navigation in Oncologic Surgery; 3-D Computer Assisted Surgical Planning and Manufacturing in Complex Mandibular Reconstruction; 3-D Computer Assisted Surgical Planning and Manufacturing in Complex Maxillary Reconstruction; Developing an In-House Computer Assisted and Manufacturing Program for Craniomaxillofacial Surgery; Integration of Minimally Invasive Orthognathic Surgery and

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3D Virtual Planning in Orthognathic Surgery; and more! Cutting edge information for all oral and maxillofacial surgeons on reconstruction of the acquired hard and soft tissue defects of the facial skeleton. Topics include skull defects, maxillary reconstruction, mandibular reconstruction, lip reconstruction, zygoma reconstruction, nose and nasoorbito-ethmoid fractures, zygomaticus implants, ear reconstruction, nerve reconstruction, orbital and ocular reconstruction, and much more!

Gender and Diversity in Oral and Maxillofacial Surgery, An Issue of Oral and Maxillofacial Surgery Clinics of North America, E-Book

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America focuses on Trauma Surgery, and is edited by Drs. Robert Strauss and Alaaaldin Radwan. Articles will include: Management of panfacial, NOE and frontal sinus fractures; Management of ballistic injuries in the maxillofacial trauma patient; Management of nasal fractures; Temporomandibular joint trauma; Rigid fixation techniques; Complicated maxillofacial fractures: Pediatric and geriatric; Diagnostic imaging of the maxillofacial trauma patient; Post-traumatic injuries of the trigeminal and facial nerve; Avulsive soft tissue injuries; Virtual surgical planning in maxillofacial trauma; Management of orbital fractures; Traumatic ear injuries; Delaying Soft Tissue Repair; and more!

This issue of Oral and Maxillofacial Surgery Clinics of North America focuses on Patient Safety, and is edited by Drs. David Todd and Jeffrey D. Bennett. Articles will include: General concepts of patient safety for the oral surgeon; Proper management of medications to limit errors; Preventing wrong site surgery for the oral and maxillofacial surgeon; Fire safety for the oral surgeon and staff; Preoperative preparation and planning of the oral and maxillofacial surgery patient; Team, staff, and simulation training; Obstructive sleep apnea

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and obesity considerations for the oral surgeon; Monitoring for the oral and maxillofacial surgeon; Discharge criteria and how it is impacted by patient and procedure; The malpractice system versus patient safety; Equipment safety, maintenance and inspection; Reporting systems and surgery registries for the oral surgeon, and more!

This issue of Oral and Maxillofacial Surgery Clinics of North America focuses on Controversies in Oral and Maxillofacial Surgery, and is edited by Drs. Luis Vega and Daniel Meara. Articles will include: Controversies in Dentoalveolar and Preprosthetic Surgery; Controversies in Maxillofacial Trauma; Controversies in Traditional Maxillofacial Reconstruction; Controversies in Microvascular Maxillofacial Reconstruction; Controversies in TMJ Surgery; Controversies in Orthognathic Surgery; Controversies in Facial Cosmetics; Controversies in Cleft/Craniofacial Surgery; Controversies in Oral and Maxillofacial Infections; Controversies in Oral and Maxillofacial Pathology; Controversies in Oral and Maxillofacial Oncology; Controversies in Obstructive Sleep Apnea Surgery; Controversies in Oral and Maxillofacial Anesthesia; Controversies in Dental Implant Surgery; and more!

This issue of Oral and Maxillofacial Surgery Clinics of North America focuses on Coagulopathy, and is edited by Drs. Jeffrey Bennett and Elie Ferneini. Articles will include: Perioperative Patient Evaluation: What the Oral Surgeon Needs to Know; Hypercoagulable States: What the Oral Surgeon Needs to Know; ASA, Plavix, and Other Antiplatelet Medications: What the Oral Surgeon Needs to Know; Heparin and Lovenox: What the Oral Surgeon Needs to Know; Blood Products: What the Oral Surgeon Needs to Know; Interventional Radiology and Bleeding Disorders: What the Oral Surgeon Needs to Know; Platelet Disorders: What the Oral Surgeon Needs to Know; Systemic Disease and

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Bleeding disorders: What the Oral Surgeon Needs to Know; Hemophilia: What the Oral Surgeon Needs to Know; Damage Control Resuscitation: What the Oral Surgeon Needs to Know; Hemostasis Agents: What the Oral Surgeon Needs to Know; Coumadin and Newer Agents: What the Oral Surgeon Needs to Know; and more!

Editor Michael Brennan highlights important areas in Sjögren's Syndrome for all oral and maxillofacial surgeons. Topics include diagnosis and the ACR classification criteria, epidemiology and pathophysiology, salivary gland dysfunction and xerostomia, salivary gland disease: sialadenitis to lymphoma, extraglandular manifestations, oral complications, management of xerostomia, parotidectomy in Sjögren's Syndrome, support network for Sjögren's Syndrome patients, and much more!

Techniques in the diagnosis and management of neck masses are covered in this highly illustrated Atlas. Articles will include the contemporary use of imaging modalities in neck mass evaluation, pediatric neck masses, neck infections, salivary gland lesions in the neck, soft tissue neck tumors, metastatic neck disease, hematopoietic neck lesions, endocrine tumors of the neck, vascular neck tumors, reconstruction of cervical defects following ablative surgery, and more!

A comprehensive review of dento-alveolar complications for the oral and maxillofacial surgeon! Topics will include bleeding, dento-alveolar infections, infections extending into the neck, osteomyelitis and osteitis, endodontic complications, nerve injuries, local anesthesia, pathology, bone grafting, osteoradionecrosis, bisphosphonate associated jaw necrosis, and much more!

Techniques in contemporary rhytidectomy are covered in a highly illustrated Atlas format. Articles will include surgical anatomy of the superficial musculo-aponeurotic system

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(SMAS), management of the SMAS, evaluation of the aging lower face and neck, rejuvenation of the anterior neck: the when and why, short scar rhytidectomy techniques, combined rhytidectomy and alloplastic facial implants, the opportunistic rhytidectomy, revision rhytidectomy, adjunctive techniques in contemporary rhytidectomy, and more.

In this issue of Oral and Maxillofacial Surgery Clinics, guest editors Jonathan Martin brings his considerable expertise to the topic of Management of Soft Tissue Trauma. Provides in-depth, clinical reviews on Management of Soft Tissue Trauma, providing actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field; Authors synthesize and distill the latest research and practice guidelines to create these timely topic-based reviews. This issue of Oral and Maxillofacial Surgery Clinics of North America focuses on Anesthesia, and is edited by Drs. David W. Todd and Robert C. Bosack. Articles will include: When a bad day happens to the oral surgeon: the EMS interface; Preoperative evaluation and patient selection for office-based oral surgery anesthesia; Assistant training for anesthetic emergencies; Anesthetic agents for the oral surgeon; The failed sedation: solutions for the oral surgeon; Anesthesia for the pediatric oral surgery patient; Closed airway office based anesthesia for the oral surgeon; Oral surgery patient safety concepts in anesthesia; AAOMS Simulation Program: Increasing Anesthesia Team Competency; Airway management for the oral surgeon patient; Anesthetic pump techniques vs the Intermittent bolus:

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What the oral surgeon needs to know; and more!

Dr. Stuart Lieblich is guest editor of this issue devoted to expanded office procedures. This highly illustrated surgical atlas will include articles on surgical uprighting of second molars, skeletal anchorage techniques, socket/buccal plate preservation with rBMP, office management of BRONJ, surgically facilitated orthodontics, dentoalveolar trauma, and orthodontic eruption of impacted teeth.

This issue of the Atlas of the Oral and Maxillofacial Surgery Clinics of North America serves as an aid to identification of 70 of the more important head and neck syndromes, and organized using the same nosology as in the landmark text of Robert Gorlin. As such, it should be useful to a varied audience, including not only the oral and maxillofacial surgeon but also the oral pathologist, the practitioner of oral medicine, and members of the craniofacial team--the orthodontist, pediatric dentist, speech and language specialist, geneticist, plastic surgeon, ENT specialist, pediatrician, nurse coordinator, and others. Areas covered include: Craniosynostosis Syndromes; Syndromes Affecting Bone; Metabolic and Autoimmune Syndromes; Syndromes Affecting Skin and Mucosa; Hamartoneoplastic Syndromes; Branchial Arch Syndromes; Clefting Syndromes; Syndromes Affecting the Central Nervous System; Chromosomal Syndromes; Syndromes with Unusual Facies; and Syndromes with Unusual Dental Findings or Gingival Components.

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