Oral and Maxillofacial Surgery

Experience the Scope of Practice

Presented by

Resident Organization of the American Association of Oral and Maxillofacial Surgeons (ROAAOMS)
Why Address Dental Students?

- Initiate lifelong relationships with professional colleagues.
- Educate future referral base.
  - Reinforce traditional scope – dentoalveolar, implants, TMD, orthognathic surgery.
  - Increase awareness of the full scope of OMS practice.
- Encourage and provide direction for those interested in OMS as a career.
Oral and Maxillofacial Surgery Education and Training

- 101 training programs in the U.S.
  - 55 4-year programs
  - 46 6-year programs
- 1,173 residents in OMS residency programs
  - 58% in single-degree programs
  - 42% in dual-degree programs
  - Estimated that 246 residents will complete training in 2019
- About 25% of all OMSs hold an MD degree.
OMS Training Programs

- Four-year OMS Program
- Six-year MD Integrated Program

Both are required to complete the same surgical training and meet the same standards.
## Training Rotations

### Medical
- Internal Medicine
- Cardiology / Pulmonology
- Infectious Diseases
- Intensive Care / Critical Care

### Surgical
- General surgery
- Vascular surgery
- ENT
- Plastic surgery
- Orthopedic surgery
- Anesthesia
Anesthesia

- OMS is the only specialty aside from anesthesia with such formal training in general anesthesia.
- Minimum of 5 months training
- Main operating room anesthesia provider
- OMSs are experts in pain and anxiety control, including general anesthesia/deep sedation and conscious sedation.
- OMSs administer safe and effective anesthesia service in the dental office and ambulatory settings.
OMS Referral

- Majority of OMS referrals (80%) come from other dental professionals.
- Awareness is key for appropriate referrals.
  - Important to know what other dental colleagues can offer your patients.
  - A cosmetic dentistry patient may be interested in a facial cosmetic evaluation that an OMS can provide.
  - A third molar patient may benefit from bleaching trays that a general dentist could provide.
Benefits of OMS Referral

- **Choice of Anesthesia**
  - Local, IV Sedation, Outpatient General, General Anesthesia

- **Main Operating Room Privileges**
  - Medically, physically, emotionally, or psychologically compromised patients
  - Multiple procedures (20 implants, 10 extractions, etc.)
  - Technical or difficult procedures (deep impactions)
  - Pediatric patients

- **Hospital admitting privileges**

- **Wide variety of treatment modalities**
Scope of Practice

- Dentoalveolar Infection
- Pathology
- Reconstructive surgery
- Trauma
- Craniofacial Disorders
- Temporomandibular disorder
- Cosmetic Surgery
Dentoalveolar Procedures

The Foundation of OMS

- Third molars
- Dental implants
- Preprosthetic surgery
- Orthodontic exposure
- Apicoectomies
- Tissue grafts
Third Molars
Third Molars
Orthodontic Exposure
Mandibular Tori
Apicoectomy
Distraction Osteogenesis
Dental Implants
Dental Implants
Sinus Lift
Zygoma Implants
Zygoma Implants
Treatment of Disease

- Surgical and medical management
  - Infections
  - Benign pathology
  - Malignant pathology
  - Miscellaneous disorders
Benign Pathology
Reconstructive Surgery

- Bone Grafting
- Implants
- Local and Rotational Flaps
- Free tissue transfer with microvascular anastomosis (free flap)
Bone Grafting
Local & Rotational Flaps
Free tissue transfer
Free Tissue Transfer
Maxillofacial Trauma

- Dentoalveolar Injuries
- Skeletal Injuries
- Soft Tissue Injuries
- ATLS certification
Dentoalveolar Injuries
Mandible Fractures
Midface Fractures
Midface Fractures
Soft Tissue Injuries
Soft Tissue Injuries
Treatment of Craniofacial Disorders & TMD

- Orthognathics
- Obstructive Sleep Apnea Syndrome
- Cleft Lip & Palate
- Craniofacial Disorders
- TMJ Pain & Dysfunction
Orthognathic Surgery
Orthognathic surgery
Obstructive Sleep Apnea

- 2 jaw advancement in order to increase posterior airway space
TMJ Disorders

Open joint

Arthroscopic
Cleft Lip Repair
Cleft Palate Repair
Cosmetic Surgery

Blepharoplasty

Face Lifts

Lip augmentation

Rhinoplasty

Neck Lifts

Botox
Careers in Oral and Maxillofacial Surgery

Lifestyle

Next steps

CBSE
Oral and Maxillofacial Surgery

**Lifestyle**

- Best parts of dentistry and medicine
- Desirable schedule
- Diverse practice opportunities
- Dynamic profession in healthcare
- Opportunity to make a lasting difference in a patient’s life
- Well respected
- Well compensated

American Association of Oral and Maxillofacial Surgeons
Residency Lifestyle

- Ample learning opportunities
  - Surgery
  - Rounds
  - Clinics
  - Lectures
  - On call
  - GME funding – residents get paid
- Long hours at the hospital but rewarding
Next Steps: How to Prepare for OMS residency

Do well in dental school

Exterionships / rotations
- Find out if OMS is for you
- What type of program appeals to you?

National Board of Medical Examiners
Comprehensive Basic Science Exam (CBSE)
- New standardized test for OMS applicants
Comprehensive Basic Science Examination (CBSE)

- Intended to allow a fair & standardized comparison of OMS applicants nationwide.
- Covers basic sciences – similar to NBDE 1.
- Test has been taken for years by second-year medical students.
- Offered through AAOMS at Prometric centers.
  - To register, visit aaoms.org/education-research/dental-students/nbme-for-oms-applicants/exam-registration
- May be taken multiple times – only highest score counts.
- Registration now open. Sample Exam Content and details about the CBSE, visit aaoms.org/nbme.php
Conclusion

- We are fortunate to be specialists of dentistry!
- OMS welcomes you as new colleagues and offers a variety of services for your patients.
- Interact with OMSs at your respective schools.
- Call or visit programs if interested in OMS as a career.
- Continue to work with ASDA, AAOMS and the ADA to protect dentistry.
Conclusion

- Contact AAOMS to obtain additional information, such as:
  - Externship Opportunities
  - Dental Student Brochure and DVD on what to expect during residency
Resources

American Association of Oral and Maxillofacial Surgeons (AAOMS)
800-822-6637
www.aaoms.org

Postdoctoral Dental Matching Program 416-977-3431
www.natmatch.com/dentres

American Student Dental Association (ASDA)
800-621-8099 ext. 2795
www.asdanet.org

American Dental Association (ADA)
312-440-2500
www.ada.org

Postdoctoral Application Support Services (PASS)
800-353-2237
www.adea.org/PASS/default.htm
For more information, contact:

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