Please join us again this year for the 48th Annual Refresher Course in Oral & Maxillofacial Surgery

This refresher course in oral and maxillofacial surgery is offered to general practitioners, oral surgeons, oral and maxillofacial surgery practitioners and residents. In this week-long course, an intensive review of modern concepts in oral and maxillofacial surgery will be presented by a faculty of nationally recognized clinicians from private practices and advanced oral and maxillofacial surgery training programs. Expanded and detailed course materials will be presented to each participant.

This course is consistently rated high by past participants.

“Very informative course. Will recommend it to anyone in the future.”

“Very useful, highly recommended!”

“Organization of the course was excellent. I enjoyed the course.”

“I attended another course a few years ago, and yours is by far the best.”

“Loved the course over the years.”
<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, November 14</td>
<td>Dr. Myron Tucker</td>
<td>Orthognathic Surgery &amp; Mandibular/Maxillary Procedures</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Myron Tucker</td>
<td>Orthognathic Surgery continued</td>
</tr>
<tr>
<td>Lunch – Provided by Brown Palace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 – 3:00 p.m.</td>
<td>Dr. Myron Tucker</td>
<td></td>
</tr>
<tr>
<td>3:15 – 5:15 p.m.</td>
<td>Dr. Ryan Dobbs</td>
<td>Complications of Dentoalveolar Surgery</td>
</tr>
<tr>
<td>Sunday, November 15</td>
<td>Dr. Michael Will</td>
<td>Maxillofacial Cosmetic Surgery</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Michael Savage</td>
<td>Tips on Taking the Boards</td>
</tr>
<tr>
<td>Lunch Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:00 – 3:00 p.m.</td>
<td>Dr. Steven Aragon &amp; Dr. Jeremy Jannuzzi</td>
<td>Sleep Apnea</td>
</tr>
<tr>
<td>3:00 – 5:00 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, November 16</td>
<td>Dr. Guillermo Chacon</td>
<td>Principles of Advanced Preprosthetic and Implant Surgery</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Michael Rollert</td>
<td>Anesthesia</td>
</tr>
<tr>
<td>Lunch – Provided by Brown Palace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 – 5:00 p.m.</td>
<td>Dr. Michael Rollert</td>
<td></td>
</tr>
<tr>
<td>Evening Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:15 – 7:15 p.m.</td>
<td>Dr. Michael Rollert</td>
<td>Anesthesia Case Presentations</td>
</tr>
<tr>
<td>Tuesday, November 17</td>
<td>Dr. Robert Marx</td>
<td>Soft and Hard Tissue Reconstruction</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Robert Marx &amp; Dr. Robert Greer</td>
<td>Oral Pathology</td>
</tr>
<tr>
<td>Lunch Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30 – 5:30 p.m.</td>
<td>Dr. Robert Marx &amp; Dr. Robert Greer</td>
<td></td>
</tr>
<tr>
<td>Wednesday, November 18</td>
<td>Dr. Robert Marx &amp; Dr. Robert Greer</td>
<td>Oral Pathology</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Robert Marx &amp; Dr. Robert Greer</td>
<td></td>
</tr>
<tr>
<td>Lunch – Provided by Brown Palace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 – 6:00 p.m.</td>
<td>Dr. Robert Marx &amp; Dr. Robert Greer</td>
<td></td>
</tr>
<tr>
<td>Evening Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:15 – 8:15 p.m.</td>
<td>Dr. Robert Marx</td>
<td>Oral Pathology CPC</td>
</tr>
<tr>
<td>Thursday, November 19</td>
<td>Dr. Norman Betts</td>
<td>Physical Diagnosis, Laboratory Studies and Management of the Medically Compromised Patient</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Norman Betts</td>
<td></td>
</tr>
<tr>
<td>Lunch Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30 – 3:30 p.m.</td>
<td>Dr. Norman Betts</td>
<td>Physical Diagnosis continued</td>
</tr>
<tr>
<td>3:45 – 5:45 p.m.</td>
<td>Dr. Steven Nelson</td>
<td>Cleft and Lip Palate</td>
</tr>
<tr>
<td>Friday, November 20</td>
<td>Dr. Stephen MacLeod</td>
<td>Maxillofacial Trauma</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. Daniel Spagnoli</td>
<td>TMJ</td>
</tr>
<tr>
<td>Lunch – Provided by Brown Palace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 – 5:15 p.m.</td>
<td>Dr. Daniel Spagnoli</td>
<td></td>
</tr>
<tr>
<td>Saturday, November 21</td>
<td>Dr. James Ruskin</td>
<td>Management of Infections</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Dr. James Ruskin</td>
<td></td>
</tr>
<tr>
<td>Adjourn</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Faculty

Steven B. Aragon, DDS, MD
Clinical Assistant Professor
Division of Oral and Maxillofacial Surgery, Department of Surgical Dentistry
University of Colorado School of Dental Medicine
Aurora, Colorado

Norman J. Betts, DDS, MS
Adjunct Associate Professor
Department of Oral and Maxillofacial Surgery
Hospital of Dentistry
University of Michigan - School of Dentistry at Ann Arbor
Private Practice
Plymouth, Michigan

Guillermo Chacon, DDS
Affiliate Associate Professor
Oral and Maxillofacial Surgery
University of Washington
Private Practice
Puyallup, Washington

Ryan Dobbs, DDS, MD
Assistant Professor
Division of Oral and Maxillofacial Surgery
Department of Surgical Dentistry
University of Colorado School of Dental Medicine
Aurora, Colorado

Robert O. Greer, Jr., DDS, ScD
Professor and Chairman
Division of Oral Pathology and Oncology - School of Dental Medicine
Professor of Pathology, Surgery and Medicine - School of Medicine
University of Colorado
Aurora, Colorado

Jeremy Jannuzzi, DMD, MD
Clinical Assistant Professor
Division of Oral and Maxillofacial Surgery, Department of Surgical Dentistry
University of Colorado School of Dental Medicine
Aurora, Colorado

Stephen MacLeod, BDS, MB, ChB, FDS RCS, (ED&ENG), FRCS (ED)
Professor, Oral and Maxillofacial Surgery
Loyola University Medical Center
Maywood, Illinois
Faculty

Robert E. Marx, DDS  
**Professor of Surgery and Director of Research**  
Chief, Division of Oral and Maxillofacial Surgery  
University of Miami School of Medicine  
Miami, Florida

Steven R. Nelson, DDS, MS  
**Clinical Assistant Professor**  
Division of Oral and Maxillofacial Surgery, Department of Surgical Dentistry  
University of Colorado School of Dental Medicine  
Aurora, Colorado

Michael K. Rollert, DDS  
**Clinical Assistant Professor**  
Division of Oral and Maxillofacial Surgery, Department of Surgical Dentistry  
University of Colorado School of Dental Medicine  
Aurora, Colorado

James D. Ruskin, DMD, MD  
**Chief**  
Division of Oral and Maxillofacial Surgery  
Department of Surgery  
Denver Health Medical Center  
Denver, Colorado

Daniel B. Spagnoli, DDS, MS, PhD  
**Private Practice**  
Brunswick Oral and Maxillofacial Surgery  
Southport, North Carolina

Myron Tucker, DDS  
**Adjunct Clinical Professor**  
Department of OMS, LSU School of Dentistry  
Adjunct Clinical Professor  
Department of Orthodontics, UNC at Chapel Hill  
Private Practice  
Charlotte, North Carolina

Michael J. Will, DDS, MD  
**Medical Director**  
Will Surgical Arts  
Urbana, Maryland

*Please note: Dr. Tucker is a consultant for Stryker Surgical IWC; Dr. Marx is on the speaker’s bureau for Medtronics and is a consultant for Harvest Technologies.*
General Outline

This continuing education course is offered as an academic review and does not imply approval by or association with the American Board of Oral and Maxillofacial Surgery.

Orthognathic Surgery

A review of diagnosis, surgical treatment and management of complications.

- Clinical Evaluation of the Orthognathic Surgery Patient
- Correlating Clinical Findings with Cephalometrics
- Orthodontic Coordination and Treatment of Surgical Patients
- Digital Imaging Prediction of Surgical Outcomes
- Three Dimensional Model Surgery Planning
- Mandibular Osteotomies
- Maxillary Osteotomies
- Evaluation and Treatment of Asymmetries
- Complications, Prevention and Management
- Revision Surgery
- Case Presentations (Conference format)

Complications of Dentoalveolar Surgery

A review of the common peri-operative situations that require the surgeon to adapt and adjust as circumstances dictate.

- Indications for Removal of Third Molars
- Nerve Injuries Following Dentoalveolar Surgery
- Surgical Misadventures Involving Dentoalveolar Surgery
- Management of Challenging Dentoalveolar Clinical Situations

Maxillofacial Cosmetic Surgery

A review of patient assessment for primary cosmetic procedures.

- Patient Evaluation
- Applied Anatomy
- Overview of Cosmetic Procedures
- Management of Complications

Obstructive Sleep Apnea

A review and update of the pathophysiology, evaluation, and management of obstructive sleep apnea (OSA).

- Introduction
- Mock Board
- Pathophysiology of OSA
- Evaluation and workup of OSA
- Surgical Management of OSA
- Review

Principles of Advanced Preprosthetic and Implant Surgery

A review of principles of implant reconstruction, and hard and soft tissue preprosthetic surgery.

- Introduction
- Preprosthetic Surgery
- Implant Surgery
Anesthesia

A review of core concepts of anesthesia care with a thorough discussion of complications and management of special patient groups.

- Pharmacology of Anesthetic Drugs
- Airway Management
- Monitoring
- Office-Based Anesthesia
- Management of Special Patient Groups
- Anesthetic Complications and Emergencies
- Anesthetic Case Studies

Hard and Soft Tissue Reconstruction

A review of bone-grafting principles and surgical techniques, including reconstruction of the patient with osteo-radionecrosis.

- Bone Graft Healing
- The Influence and Place of Growth Factors i.e. rhPDGFbb, PRP, rhBMP
- Rigid Plate Fixation
- Bone Harvesting (Tibia; Anterior Ilium; Posterior Ilium; Ribs; Oral Sites)
- Bone Grafting the Mandible
- Bone Grafting the Maxilla
- Local Soft Tissue Flaps
- Myocutaneous Flaps
- Microvascular Flaps
- Skin Graft, Implants, and Vestibuloplasties to Complete Case

Oral and Maxillofacial Pathology

A comprehensive review of oral and maxillofacial pathology, and discussion of the problems attendant to the accurate diagnosis and proper management of both common and uncommon lesions. Presentations include a discussion of the clinical presentations of diseases, disease mechanisms, treatment and follow-up.

- The handling of surgical specimens and the molecular biology of oral and maxillofacial diseases
- Odontogenic and non-odontogenic cysts
- Odontogenic tumors
- Tumors if uncertain histiogenesis
- Neoplastic and non-neoplastic salivary gland diseases
- Fibro-osseous lesions and bone forming tumors
- Immune-based mucocutaneous diseases
- Epithelial malignancies and pre-malignancy
- Other diseases, time permitting

Oral and Maxillofacial Pathology – Clinical Pathologic Cases

A review of unknown diagnosis: history of present illness, clinical examination, laboratory testing/radiographs, differential diagnosis, diagnostic techniques, case specific treatments, follow-up.

Physical Diagnosis, Laboratory Studies and Management of the Medically-Compromised Patient

A review of the pathophysiology of disease and treatment strategies for medical management of the surgical patient.

- Introduction
- Topics to Review
- ACLS
- ATLS
- History and Physical Examination
- Patient Monitoring
- Systemic Diseases of Importance by System (case examples)
### Cleft Lip and Palate

*A review of the classification, incidence, etiology, embryology, and surgical management of clefts.*

- Definitions and Classification
- Incidence of Cleft Deformities and Related Congenital Deformities
- Etiology of Clefts
- Management of Cleft Lip and Palate Deformities

### Maxillofacial Trauma

*A review of the anatomy, radiology, clinical evaluation and surgical management of maxillofacial injuries.*

- Initial Evaluation of the Trauma Patient
- Principles of Fracture Healing
- Mandible Fractures
- Maxillary Fractures
- Orbital and ZMC Fractures
- Nasal and NOE Fractures
- Frontal Sinus Fractures
- Panfacial Fractures
- Soft Tissue Injuries
- Pediatric Fractures
- Dentoalveolar Injuries

### Diagnosis and Treatment of TMJ Disorders

*A review of the diagnosis and treatment of temporomandibular joint disorders.*

- Anatomy and Physiology of the TMJ
- Pathogenesis of TMJ Disease
- Diagnosis
- Nonsurgical Treatments
- Arthroscopic Surgery
- Open Arthroplasty
- Total Joint Replacement
- Costo-chondral Grafts
- Distraction Osteogenesis of the TMJ
- Management of Patients with Multiple Surgeries

### Management of Infections

*A review of the bacteriology, immunology, antibiotics, anatomy and surgical management of infections of the head and neck.*

- Introduction
- Microbiology of Odontogenic Infections
- Natural Course of Odontogenic Infections
- Review of Host Defenses
- Review of Contemporary Antibiotics
- Principles of Therapy of Infections
- Metastatic Infection Prophylaxis
- Wound Infection Prophylaxis
Hotel Accommodations

Brown Palace Hotel and Spa
321 Seventeenth Street, Denver, Colorado
Phone: 303-297-3111 or 1-800-321-2599
For more information go to: http://cwp.marriott.com/denak/refreshercourse2015
Classic Room (one queen bed)
$168 Single or Double Occupancy
Signature Room (one king bed or two queen beds)
$197 Single or Double Occupancy

Holiday Inn Express
401 Seventeenth Street, Denver, Colorado
Phone: 303-296-0400 or 1-800-237-7431
Standard Room (one queen bed or two double beds)
$112 Single or Double Occupancy
Reservations must be made by October 30, 2015 to secure the above rates. Attendees are responsible for their own travel arrangements and expenses.
Please indicate if you have any need for auxiliary aids or special assistance services.

A historic landmark located in the heart of downtown Denver.
The stunning atrium lobby features Italian Renaissance design.
Tuition

Tuition for this seven-day course is $2,195; oral and maxillofacial surgery residents and active military is $1,495. **Resident registrations must be accompanied by a letter from the program director verifying that he/she is still in residency at the time the course is presented.** Tuition fee includes a continental breakfast each day, gourmet lunches on select days, and all educational materials.

Advance registration is required and enrollment is limited.

**Registration Deadline: October 30, 2015**

For further information, contact the Office of Continuing Dental Education, School of Dental Medicine, Mail Stop F839, 13065 East 17th Avenue, Aurora, Colorado 80045. Phone: 303-724-8726 or 303-724-7121 Fax: 303-724-7059 www.CU4CDE.com

---

**Thank you to our course exhibitors:**

3D Systems Healthcare • Colorado Heart Rescue • Elsevier Science

KLS Martin • OsteoMed • Snoasis Medical

---

**Accreditation** | The University of Colorado School of Dental Medicine is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors nor does it imply acceptance of credit hours by boards of dentistry. The University of Colorado School of Dental Medicine designates this activity for 60 continuing dental education credits.

The University of Colorado School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The University of Colorado School of Medicine designates this live activity for a maximum of 60 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Refund Policy** | $200 of tuition payment (per registrant) is NON-REFUNDABLE unless the course is completely enrolled when the registration is received or the course is cancelled by the School of Dental Medicine. Refund of the remainder of tuition will be allowed only if refund request is received in writing **TWO WEEKS PRIOR** to course offering. The Office of Continuing Dental Education reserves the right to cancel a course if the need arises. A full refund will be made automatically if the course is not held. **NO REFUNDS WILL BE MADE FOR NON-ATTENDANCE.** Registrants are responsible for their own travel, lodging arrangements, and expenses.

**Statement of Purpose and Policy** | The Office of Continuing Dental Education at the University of Colorado School of Dental Medicine is financed entirely with revenues from its programs; it does not receive any operating funds from the state government. Its mission is to present courses in response to the interests of the dental community, to enforce the highest standards of instructional quality, and to ensure a diversity in programs consistent with the University’s commitment to academic freedom. Therefore, course sponsorship does not necessarily indicate endorsement of course content but the University of Colorado School of Dental Medicine.

**Disclaimer** | It is the policy of the Board of Regents that the University of Colorado should be a forum for the presentation and discussion of scientific didactic and clinical research data. However, this policy in no way constitutes an endorsement by the University of Colorado of any technique, equipment, or materials associated with the program being presented.
Course confirmation and receipt will be sent to you by e-mail. Please include menu selections and dietary restrictions listed on the back of this registration.

Name _____________________________________________________ Degrees_______________

Address _________________________________________________________________________

City __________________________________________ State ___________ Zip_______________

E-Mail __________________________________________________________________________

Phone __________________________________________________________________________

Registration Deadline: October 30, 2015

Please indicate your registration status:

☐ Practicing Oral Surgeon/General Practitioner $2195 (Late registration $2295)

☐ Oral Surgery Resident/Active Military $1495 (Late registration $1595)

Residency letter must accompany registration

☐ Past Attendee $1795 (Late registration $1895)  Last year attended_____________

Are you a Board Candidate?  ☐ Yes ☐ No

All course registrations include conference materials as a PDF file on a flashdrive. If you would like to also receive a printed copy of the course materials, please add the request below:

☐ Yes, I would like to receive a four-book printed set of the course materials on site $200

Must pre-order a four-book printed set by 10/30/2015

Credit Card  ☐ VISA  ☐ MC  ☐ AMEX  Total $_____________

Card # ___________________________________________________ Exp. Date_______________

Name on Card ______________________________ Signature______________________________

Credit Card Billing Address (if different from above)

________________________________________________________________________________

Credit card registrations accepted by mail, phone, fax or through our web site.
Phone: 303-724-8726 or 303-724-7121  Fax: 303-724-7059
www.CU4CDE.com

If paying by check, make payable to:
University of Colorado, Continuing Dental Education, and mail to
Registrations: Continuing Dental Education, Mail Stop F839,
13065 East 17th Avenue, Aurora, CO 80045

MP3 audio and MP4 video ordering information will be available in the course materials on site. If you are mailing your registration, please include the menu on the following page.
Below is a listing for the daily luncheon menus for the week. If you have special dietary needs – vegetarian, allergies, etc., please indicate so on this questionnaire. Also, we need to know if you will be at lunch on each day as well as the reception on Sunday evening, to which you may bring a guest. This information will allow us to give a more accurate accounting of numbers to the hotel for meals. Thank you.

Name  _________________________________________________________________________

Please include this form with your mailed registration.

<table>
<thead>
<tr>
<th>Day</th>
<th>Menu Details</th>
</tr>
</thead>
</table>
| Saturday, November 14| Attending: [ ] Yes [ ] No  
Special Dietary Needs: ____________________________________________  
**Grilled all natural airline chicken breast** with shallot madeira, spinach salad and tomato wedges with honey pommery vinaigrette dressing, chive mashed potatoes |
| Sunday, November 15  | No lunch will be served *(Lunch on your own from 12-1:30 p.m.)*              |
| Sunday Evening Reception | Attending: [ ] Yes [ ] No  
Bringing guest: [ ] Yes [ ] No  
Hot and cold buffet with cash bar |
| Monday, November 16  | Attending: [ ] Yes [ ] No  
Special Dietary Needs: ____________________________________________  
**Pan-seared rocky mountain trout** with roasted corn cream, mixed baby greens, roma tomato, walnuts, sun-dried cherries salad with raspberry vinaigrette or ranch dressing and rice pilaf |
| Tuesday, November 17 | No lunch will be served *(Lunch on your own from 12-1:30 p.m.)*              |
| Wednesday, November 18| Attending: [ ] Yes [ ] No  
Special Dietary Needs: ____________________________________________  
**Salmon salad** with chef’s choice of dressing, butternut squash bisque mascarpone soup with sun dried cherries, house baked Sour dough rolls |
| Thursday, November 19| No lunch will be served *(Lunch on your own from 12-1:30 p.m.)*              |
| Friday, November 20  | Attending: [ ] Yes [ ] No  
Special Dietary Needs: ____________________________________________  
**Italian gemelli pasta with broccoli rabe** with sausage and peppers/beef meatballs, with alfredo or marinara sauces, caesar salad with romaine lettuce, fresh croutons/ traditional caesar dressing and garlic focaccia bread |
| Saturday, November 21| No lunch will be served *(Session ends at 12 noon)*                          |