University of Colorado School of Dental Medicine
Continuing Dental Education
announces the

46th Annual Refresher Course in
Oral & Maxillofacial Surgery

School of Dental Medicine
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

Held at the historic Brown Palace Hotel and Spa
Denver, Colorado
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.

**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 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.
AGENDA

SATURDAY, NOVEMBER 9, 2013
8:00 a.m. – 3:00 p.m. Physical Diagnosis, Laboratory Studies and Management of the Medically Compromised Patient – Dr. Norman Betts
3:00 p.m. – 5:00 p.m. Sleep Apnea – Dr. Steven Aragon

SUNDAY, NOVEMBER 10, 2013
8:00 a.m. – 12:00 noon Maxillofacial Cosmetic Surgery – Dr. Michael Will
2:00 p.m. – 3:00 p.m. Tips on taking the boards – Dr. Michael Savage
3:00 p.m. – 5:00 p.m. Complications of Dentoalveolar Surgery – Dr. Thomas Borris

MONDAY, NOVEMBER 11, 2013
8:00 a.m. – 12:00 noon Principles of Advanced Preprosthetic and Implant Surgery – Dr. Guillermo Chacon
1:00 p.m. – 5:00 p.m. Anesthesia – Dr. Michael Rollert
5:15 p.m. – 7:15 p.m. Anesthesia Case Presentations – Dr. Michael Rollert

TUESDAY, NOVEMBER 12, 2013
8:00 a.m. – 12:00 noon Orthognathic Surgery, Mandibular/Maxillary Procedures – Dr. Myron Tucker
2:00 p.m. – 4:00 p.m. Orthognathic Surgery, Mandibular/Maxillary Procedures – Dr. Myron Tucker (continued)
4:00 p.m. – 6:00 p.m. Cleft Lip and Palate – Dr. Steven Nelson

WEDNESDAY, NOVEMBER 13, 2013
8:00 a.m. – 6:00 p.m. Oral Pathology – Dr. Robert Marx and Dr. Robert Greer
6:15 p.m. – 8:15 p.m. C. P. C. – Dr. Robert Marx

THURSDAY, NOVEMBER 14, 2013
8:00 a.m. – 12:00 noon Oral Pathology (continued) – Dr. Robert Marx and Dr. Robert Greer
1:30 p.m. – 5:30 p.m. Soft & Hard Tissue Reconstruction – Dr. Robert Marx

FRIDAY, NOVEMBER 15, 2013
8:00 a.m. – 12:00 noon Maxillofacial Trauma – Dr. Stephen MacLeod
1:00 p.m. – 5:15 p.m. TMJ – Dr. Daniel Spagnoli

SATURDAY, NOVEMBER 16, 2013
8:00 a.m. - 12:00 noon Management of Infections – Dr. Thomas Borris

ADJOURN!!!
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

Thomas J. Borris, DDS
Associate Professor and Chairman
Division of Oral and Maxillofacial Surgery
Department of Surgical Dentistry
University of Colorado School of Dental Medicine
Aurora, Colorado

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

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

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

Daniel B. Spagnoli, DDS, PhD  
Associate Professor and Chairman  
Department of Oral and Maxillofacial Surgery  
LSUHSC School of Dentistry  
New Orleans, Louisiana

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, FACS  
Medical Director  
Will Surgical Arts  
Urbana, Maryland
# 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.

I. Introduction
II. Topics to Review
III. ACLS
IV. ATLS
V. History and Physical Examination
VI. Patient Monitoring
VII. Systemic Diseases of Importance by System (case examples)

# Obstructive Sleep Apnea

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

I. Introduction
II. Pathophysiology of OSA
III. Evaluation and Workup of OSA
IV. Nonsurgical Management of OSA
V. Surgical Management of OSA
VI. Review

# Maxillofacial Cosmetic Surgery

A review of patient assessment for primary cosmetic procedures.

I. Patient Evaluation
II. Applied Anatomy
III. Overview of Cosmetic Procedures
IV. Management of Complications
Complications of Dentoalveolar Surgery
A review of the common peri-operative situations that require the surgeon to adapt and adjust as circumstances dictate.

I. The Third Molar and When to Leave it
II. Nerve Injuries following Third Molar Extraction
III. Displacement of Teeth at the Time of Extraction

Principles of Advanced Preprosthetic and Implant Surgery
A review of principles of implant reconstruction, and hard and soft tissue preprosthetic surgery.

I. Introduction
II. Preprosthetic Surgery
III. Implant Surgery

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

I. Pharmacology of Anesthetic Drugs
II. Airway Management
III. Monitoring
IV. Office-Based Anesthesia
V. Management of Special Patient Groups
VI. Anesthetic Complications and Emergencies
VII. Anesthetic Case Studies
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<td>A review of diagnosis, surgical treatment and management of complications.</td>
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<td>I. Clinical Evaluation of the Orthognathic Surgery Patient</td>
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<td>II. Correlating Clinical Findings with Cephalometrics</td>
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<td>III. Orthodontic Coordination and Treatment of Surgical Patients</td>
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<td>IV. Digital Imaging Prediction of Surgical Outcomes</td>
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<td>V. Three Dimensional Model Surgery Planning</td>
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<td>VI. Mandibular Osteotomies</td>
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<td>VIII. Evaluation and Treatment of Asymmetries</td>
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<td>IX. Complications, Prevention and Management</td>
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<td>XI. Case Presentations (Conference format)</td>
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<th>Cleft Lip and Palate</th>
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<td>A review of the classification, incidence, etiology, embryology, and surgical management of clefts.</td>
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<tr>
<td>I. Definitions and Classification</td>
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<td>II. Incidence of Cleft Deformities and Related Congenital Deformities</td>
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<td>III. Etiology of Clefts</td>
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<td>IV. Management of Cleft Lip and Palate Deformities</td>
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<tr>
<th>Oral Pathology</th>
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<td>A review of oral and maxillofacial pathology with Dr. Robert Greer and Dr. Robert Marx: histopathology, clinical presentation, disease mechanisms, treatment, and follow-up of the following categories of diseases will be discussed.</td>
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<tr>
<td>I. Handling of Surgical Specimens</td>
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<td>II. Odontogenic and Non-odontogenic Cysts</td>
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<td>III. Odontogenic Tumors</td>
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<td>IV. Tumors of Uncertain Histogenesis</td>
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<td>V. Malignant Bone-forming Tumors</td>
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<td>VI. Tumors of Histologic and Fibrohistocytic Origin</td>
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<td>VII. Oral Precancer and Cancer</td>
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<td>VIII. Fibrosseous Diseases, and Benign and Malignant Tumors of Bone</td>
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<td>IX. Neoplastic and Non-neoplastic Salivary Gland Diseases</td>
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<td>X. Immune Based Mucocutaneous Disease</td>
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<td>XI. Others, Time Permitting</td>
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### 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.

### Hard and Soft Tissue Reconstruction

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

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

### Diagnosis and Treatment of TMJ Disorders

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

I. Anatomy and Physiology of the TMJ
II. Pathogenesis of TMJ Disease
III. Diagnosis
IV. Nonsurgical Treatments
V. Arthroscopic Surgery
VI. Open Arthroplasty
VII. Total Joint Replacement
VIII. Costo-chondral Grafts
IX. Distraction Osteogenesis of the TMJ
X. Management of Patients with Multiple Surgeries
Maxillofacial Trauma
A review of the anatomy, radiology, clinical evaluation and surgical management of maxillofacial injuries.

I. Initial Evaluation of the Trauma Patient
II. Principles of Fracture Healing
III. Mandible Fractures
IV. Maxillary Fractures
V. Orbital and ZMC Fractures
VI. Nasal and NOE Fractures
VII. Frontal Sinus Fractures
VIII. Panfacial Fractures
IX. Soft Tissue Injuries
X. Pediatric Fractures
XI. Dentoalveolar Injuries

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

I. Introduction
II. Microbiology of Odontogenic Infections
III. Natural Course of Odontogenic Infections
IV. Review of Host Defenses
V. Review of Contemporary Antibiotics
VI. Principles of Therapy of Infections
VII. Metastatic Infection Prophylaxis
VIII. Wound Infection Prophylaxis

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.
Tuition for this seven-day course is $2,195; oral and maxillofacial surgery residents, $1,475. **(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 continental breakfast and gourmet lunches and all educational materials.

Advance registration is required, and enrollment is limited. **Registration deadline: October 25, 2013.**

For further information, contact the Office of Continuing Dental Education, School of Dental Medicine, Mail Stop F839, 13065 E. 17th Avenue, Aurora, Colorado 80045. Phone: 303-724-7121 (metro area) or 1-800-736-1911.
A historic landmark located in the heart of downtown Denver.

Brown Palace Hotel and Spa
321 Seventeenth St.
Denver, CO
303-297-3111
Outside Colorado: 1-800-321-2599

A block of guest rooms has been reserved for November 8-17, 2013, and registrants may call the hotel directly to make room reservations, 1-800-321-2599 (outside Colorado) or 303-297-3111 (Colorado). Mention the name “Refresher Course in Oral & Maxillofacial Surgery,” and you will be offered the following rates:

**Standard Room**
(one queen bed)
$161 Single or Double Occupancy

**Superior Room**
(one king bed or two queen beds)
$190 Single or Double Occupancy

Brown Palace Hotel go to the link below for more information:
http://cwp.marriott.com/denak/refcourse

**Comfort Inn**
401 17th St. • Denver, CO
303-296-0400 • Outside Colorado: 1-800-237-7431

**Standard Room** (one queen bed or two double beds)
$110 Single or Double Occupancy

*Reservations must be made by October 25, 2013, to secure the above rates. Registrants are responsible for their own travel and maintenance 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.

Course sponsorship does not necessarily indicate endorsement of course content by the University of Colorado School of Dental Medicine.

REFUND POLICY
$200 of tuition payment (per registrant) is NON-REFUNDABLE unless the course is completely enrolled when the application is received or the course is cancelled by the University of Colorado School of Dental Medicine. Refund of the remainder of tuition will be allowed only if the refund request is received two weeks prior to course offering.
# REGISTRATION

## 46th Annual Refresher Course in Oral and Maxillofacial Surgery

November 9-16, 2013

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### Degrees

#### Tuition:

Please indicate your registration status:

- [ ] Practicing Oral Surgeon/General Practitioner – $2195 (after 10/25/13: $2295)
- [ ] Oral Surgery Resident – $1475 (after 10/25/13: $1575)
- [ ] Past Attendee – $1756 (after 10/25/13: $1856) 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 2-Book Set of the printed course materials on site – $200

**MUST PRE ORDER A 2 BOOK SET BY 10/25/13**

Credit Card:  
- [ ] VISA  
- [ ] MC  
- [ ] AmEx

Card#  
Exp. Date

Name on Card

Signature

Credit Card Billing Address if different from above

City | State | Zip

Credit card registrations accepted by mail, phone (303-724-7121 or 1-800-736-1911), fax (303-724-7059) or through our website: www.cu4cde.com

If paying by check, make payable to: University of Colorado, Continuing Dental Education and mail to:

**Registrations:** Continuing Dental Education  
School of Dental Medicine  
Mail Stop F839 • 13065 E. 17th Avenue, L26-104H • 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.
Please include this form with your mailed registration

Name (please print)

46TH Annual Refresher Course in Oral and Maxillofacial Surgery Daily Luncheon Menues

We are listing below 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. This information will allow us to give a more accurate accounting of numbers to the hotel for meals. Thanks!

<table>
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<tr>
<th>Date</th>
<th>Menu</th>
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<tr>
<td>Saturday - 11/9</td>
<td>Grilled All Natural Airline Chicken Breast with Shallot Madeira, Spinach Salad and Tomato Wedges with Honey Pommery Vinaigrette Dressing, Chive Mashed Potatoes</td>
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| Sunday - 11/10 No Lunch (lunch on your own from 12 - 2 PM) | SUNDAY RECEPTION
| Monday - 11/11 | 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 - 11/12 No Lunch (lunch on your own from 12 - 2 PM) | Thursday - 11/14 No Lunch (lunch on your own from 12 - 1:30 PM) |
| Friday - 11/15 | Italian Gemelli Pasta with Broccoli Rabe with Sausage & Peppers/Beef Meatballs, with Alfredo or Marinara sauces, Caesar Salad with Romaine Lettuce, Fresh Croutons/Traditional Caesar Dressing and Garlic Focaccia Bread |
| Saturday - 11/16 No Lunch (session ends at 12 noon) |
University of Colorado Anschutz Medical Campus
School of Dental Medicine
Continuing Dental Education
Mail Stop F839
13065 E. 17th Avenue
Aurora, Colorado 80045

Offered as part of “The Statewide Extended Studies Program”
46th Annual Oral and Maxillofacial Surgery Refresher Course

Not printed or mailed at state expense.