American College of Oral and Maxillofacial Surgeons

ACOMS 30th Annual Scientific Conference & Exhibition

May 4 – 6, 2009 | Hyatt Regency Tampa | Tampa, Florida | www.acoms.org

Final Program

A program dedicated to Robert V. Walker, DDS Surgeon, Scientist, Innovator, Teacher
Remembering the Past, Embracing the Future
Dear Colleagues and Friends:

The American College of Oral and Maxillofacial Surgeons 30th Annual Scientific Conference and Exhibition promises to be the most noteworthy in recent memory and it is with great excitement that I welcome you to Tampa, Florida. In 2009 we have the pleasure of honoring two men for whom I have the most profound respect: RV Walker, DDS and Timothy Turvey, DDS.

The Scientific Chairman for this year’s Conference is Charles Hasse, DDS, MD. He, along with the Committee on Continuing Education, have developed a fascinating program that includes lectures within the fields of pathology, reconstruction, anesthesia, dental implantology and facial cosmetics.

Like most of you, I have had the great fortune of benefitting from the volumes that RV Walker has contributed to our specialty over a lifetime of committed work. On May 4th, hundreds of his admirers and former residents from around the world will come together to celebrate his unparalleled career.

We also honor this year’s W. Harry Archer Award recipient, Timothy Turvey, DDS. Dr. Turvey’s highly regarded professional career spans three decades. Now a professor of OMS at UNC Chapel Hill, he will deliver the Kurt H. Thoma Lecture on Orthognathic and Reconstructive Surgery.

Your office personnel are sure to benefit from our Professional and Allied Staff Program assembled by Martin Dunn, DMD. There will be two days of classes which will include an understanding of the Review of Systems and Treatment of Medically Compromised Patients. In addition, there are lectures on the Role of the Implant Coordinator in the OMS office given by a very experienced coordinator. You and your staff members will all profit greatly from these presentations.

It has been my long-held belief that the ACOMS Annual Conference is a unique experience, not just because of the magnificent quality of the material presented, but also because of the intimate, collegial atmosphere that we promote. For this year’s Conference we have chosen the theme Remembering the Past, Embracing the Future. We honor trailblazers of our specialty and meet the next generation of OMSs.

Thank you for taking a few days out of your busy schedule to enrich your practice and your friendships at the ACOMS 30th Annual Conference. I wish you an exciting and rewarding conference this year and for many years to come.

Sincerely,

Steven A. Guttenberg, DDS, MD
President, American College of Oral and Maxillofacial Surgeons
Dear Colleagues, Associates and Friends:

It is with a great deal of personal pride and pleasure that I welcome you to Tampa for the American College of Oral and Maxillofacial Surgeons 30th Annual Scientific Conference and Exhibition.

As the Scientific Chairman for this year’s Conference, it has been my great honor and privilege to work with my colleague and Chairman of the Committee for Continuing Education, Bruce N. Epker, DDS, MSD, PhD, in presenting this outstanding program.

Furthermore, I would like to acknowledge and thank the Session Chairs who have put together an esteemed faculty for what promises to be a premier educational experience.

The program is extensive and is headlined by some of the world’s foremost experts in oral, maxillofacial and cosmetic surgery. In addition to our Scientific Sessions, we have an exceptional schedule of Pre-Conference Symposia, Abstract and Poster Sessions and a full complement of diversified educational lectures for our Allied Staff. If that is not enough, be sure to find time to play a round of golf, cruise the Bay or participate in many of the water sports afforded by this beautiful venue.

This has been an ideal time for me to serve as Scientific Chair for our Conference because this year we honor two giants in our field, Drs. Robert V. Walker and Timothy A. Turvey. This year’s program is dedicated to “RV”, the first time the College has ever dedicated the program to an individual. Dr. Turvey is this year’s recipient of the W. Harry Archer Award and will present the Kurt H. Thoma lecture. We are indeed indebted to each one of them for their contributions and leadership in our specialty.

On behalf of Dr. Epker and the Scientific Committee, I encourage you to actively participate in the numerous sessions, activities and opportunities at this year’s Conference. Thank you for traveling to be with us, for enhancing our experience with your presence and for joining us in Remembering Our Past, Embracing the Future.

To all of our members and guests, on behalf of myself and the entire Board of Regents, I hope that when you return to your practices, colleges and universities, you will have been deeply enriched by your experience in Tampa.

With warmest personal regards,

Charles D. Hasse, DDS, MD
Scientific Chairman, 30th Annual Conference and Exhibition

Continuing Education Committee

Dr. Charles D. Hasse  
**Annual Meeting Scientific Chair**

Dr. Bruce Epker  
**Chair**

Dr. Carl Bifano  
**Vice Chair**

Dr. Martin J. Dunn  
**Professional and Allied Staff Program Director**

Dr. M. Frank Dolwick
Dr. Joel Rosenlicht
Dr. Leonard Spector
Dr. Robert Strauss

ACOMS is an ADA CERP Recognized Provider
Dr. Walker is Professor and Past Chairman of the Division of Oral and Maxillofacial Surgery, Department of Surgery, UT Southwestern Medical Center. He attended Texas A&M University, 1941-44, graduated from the Baylor College of Dentistry in 1947, practiced general dentistry in Waco, Texas, 1947-51, served in the U.S. Army Dental Corps during the Korean War, 1951-53, completed a year in the Graduate School of Medicine, University of Pennsylvania, 1953-54, completed a residency in oral surgery at the Parkland Memorial Hospital, Dallas, Texas, 1954-56, and was appointed to the Department of Surgery faculty at the UT Southwestern Medical School in 1956 to create a Division of Oral Surgery. The remainder of his career has been spent at UT Southwestern.

After joining the faculty at UT Southwestern/Parkland Memorial Hospital, Dr. Walker created a residency which became of national and international renown. He continued as Chairman of the Division of OMS for 29 years, and he remains on the faculty to the present time as a Professor in the Division.

Dr. Walker’s clinical interest centers around disorders of the temporomandibular joint, dental/facial deformities, pathology of the oral and maxillomandibular apparatus and reconstruction of the jaws following ablative surgery.

Dr. Walker spent his early years in helping create a structure to residency and educational programs in OMS and the establishment of a regular assessment and accreditation process for these programs. He has served as President of almost all national and international organizations related to interests of OMS. These include the Southwest Society of Oral and Maxillofacial Surgery, the American Association of Oral and Maxillofacial Surgeons, the American Board of Oral and Maxillofacial Surgery, the Oral and Maxillofacial Surgery Foundation, the International Association of Oral and Maxillofacial Surgeons and the American Trauma Society. He currently serves as Chairman of the Board of Directors of the American Trauma Society. He has been generously recognized with distinctive awards related to service in behalf of OMS through the years. He is a Fellow of the Faculty of Dentistry of the Royal College of Surgeons, Ireland, 1973, and a Fellow in Dental Surgery of the Royal College of Surgeons, England, 1985. He has long maintained a particular interest in the furtherance of OMS education and service throughout South America. He has authored over 75 scientific articles related to OMS, edited two books and contributed chapters to other surgical books.

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Join us for a very special gathering on Monday, May 4, from 5:30 p.m. – 7:00 p.m. during the Opening Reception to celebrate Dr. Walker’s accomplishments.

The 30th Annual Scientific Conference is Dedicated to Robert V. Walker, DDS
## Conference and Event Schedule

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<td>Management of Secondary Cleft Deformities (Regency 2 – 3) 9:00 a.m. – 10:15 a.m.</td>
<td>Piezorsurgical Advanced Bone Grafting Techniques (Regency 2 – 3) 9:00 a.m. – 10:30 a.m.</td>
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<td>presenter: M. Thomas Wilcock, DMD, Gerald R. Eidenmuller, DDS, MS and Jeffrey Pulver, DDS</td>
<td>presenter: David Precious, DDS, MD, FRCD, FACP</td>
<td>presenter: Tomaso Vercellotti, DDS, MD 10:30 a.m. – 11:00 a.m. Break in Exhibit Hall (Regency 4 – 7)</td>
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<td>Osseous Distraction of Maxillary and Midface Deformities (Regency 2 – 3) 10:45 a.m. – Noon</td>
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<td>Kurt H. Thoma Lecture on Facial Osteotomies and Bone Grafting (Regency 2 – 3)</td>
<td>Comparison of CT Software for Diagnosis and Guided Surgery (Regency 2 – 3) 12:45 p.m. – 1:00 p.m. Abstract Award Winners Presentation (Buccaneer A – C) 1:00 p.m. – 2:00 p.m. Award Luncheon Honoring 2009 W. Harry Archer Award Winner (Buccaneer A – C)</td>
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<td>Use of In-Office CBCT to Enhance Your Practice (Esplanade 3) 8:00 a.m. Noon</td>
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<td>Skin Fillers and Chemical/Laser Skin Resurfacing (Regency 2 – 3) 2:00 p.m. – 3:00 p.m. presenter: Bruce Epker, DDS, MSD, PhD</td>
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<td>3:30 p.m. – 4:00 p.m. Break in Exhibit Hall (Regency 4 – 7)</td>
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<td>5:30 p.m. – 7:00 p.m. Opening Reception in Exhibit Hall Honoring Robert V. Walker, DDS (In Exhibit Hall) Hosted by Cesar Guerrero, DDS</td>
<td>Emergency Airway Management in Sudden Compromise (Regency 2 – 3) 4:45 p.m. – 5:30 p.m. presenter: Robert Campbell, DDS</td>
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<td>Professional and Allied Staff Program</td>
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<td>Management of the Medically Compromised Patient (Buccaneer D) 9:00 a.m. – Noon</td>
<td>Management of the Patient Requiring Anesthesia (Buccaneer D) 9:00 a.m. – Noon</td>
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The Pre-Conference sessions are accredited for 3.5 ADA Continuing Education Credits. The Scientific Program is accredited for 20.75 ADA Continuing Education Credits. The Professional and Allied Staff Program is accredited for 12.0 ADA Continuing Education Credits.
Monday, May 4, 2009

Wilckodontics/Accelerated Osteogenic Orthodontics
8:00 a.m. – Noon
Esplanade 1
M. Thomas Wilcko, DMD
Private Practice Orthodontics, Erie, Pennsylvania
Gerald Eidenmuller, DDS
Jeffrey Pulver, DDS
Private Practice Oral and Maxillofacial Surgery, Center for Oral Reconstruction & Education, Orange, California

Wilckodontics/Accelerated Osteogenic Orthodontics (AOO) was first introduced at the 98th Annual Session of the Association of Orthodontics in 1998. In spite of ten years of outstanding clinical results and scientific research to confirm the biological basis for the technique, AOO remains controversial. Combining established surgical osteotomy and bone grafting techniques with orthodontia, the AOO procedure offers our patients a promising alternative to protracted time using conventional orthodontics. The lecture will detail the history of the procedure, evidence-based research, technique and case presentations. AOO offers an exciting adjunct to your oral and maxillofacial surgery armamentarium and a clinical symposium that you will not want to miss.

Botox®, Fillers and Laser Resurfacing
8:00 a.m. – Noon
Esplanade 2
Bruce N. Epker, DDS, MSD, PhD
Aesthetic Facial Surgical Center, Wilford Memorial Hospital, Weatherford, Texas

Botox® has been used for various FDA-approved therapeutic purposes during the past 20 years. In the last decade, its use as a cosmetic enhancer has taken center stage. Facial rejuvenation using Botox® cosmetic is currently the most frequently performed cosmetic procedure in offices across the United States.

The growth of Botox® cosmetic has led to the emergence of other injectable materials used as fillers to enhance facial appearance. The use of these fillers has specific FDA-approved clinical applications based upon extensive experimental and clinical testing. This presentation will discuss the indications, preparation, the use of and clinical experience with some of these products including Restylane®, Juvederm®, Radiesse®, Sculptra® and Artefill®.

Two aspects of laser skin resurfacing are currently commonly employed in the arena of cosmetic facial enhancement, noninvasive laser modalities and invasive laser modalities. The specifics of these laser systems in terms of indications, technologies, postoperative care and results will be discussed.
Concurrent Pre-Conference Sessions

Reconstruction/Piezo Harvest and Grafting Techniques
8:00 a.m. – Noon
Garrison Suite
Tomaso Vercellotti, MD, DDS
Visiting Professor, University of Genoa, Genoa, Italy

Grafting with intraoral harvested autologous bone blocks is a time-honored method to reconstruct severe horizontal and vertical alveolar bony defects. Since its introduction, the Piezosurgery System has greatly enhanced the surgeon’s ability to harvest autologous bone grafts in a safe and expedient manner. Piezosurgery permits precise and tactile controlled osteotomies in difficult access situations and limits the potential for soft tissue trauma during harvesting. Dr. Vercellotti’s presentation will present advanced bone grafting techniques including ridge expansion, simplified sinus augmentation procedures, corticotomies for advanced osteogenic orthodontic (AOO) movement and applications in multipiece maxillary osteotomies.

Use of In-Office CBCT to Enhance Your Practice
8:00 a.m. – Noon
Esplanade 3
Steven A. Guttenberg, DDS, MD; President, ACOMS
Washington Institute for Mouth, Face and Jaw Surgery, Washington, DC

It is universally recognized that oral and maxillofacial surgery has been greatly impacted by innovations in three-dimensional CT scan imaging technology. Recently, the introduction of cone beam CT technology has allowed for clinicians worldwide to place this technology within the walls of their offices. Nevertheless, it is reported that less than five percent of the oral and maxillofacial offices in the United States currently employ this technology. This course will demonstrate the efficacy of CBCT radiology and how to integrate it into your daily practice. Multimodal application including extractions, implants, oral and maxillofacial pathology, trauma, orthognathic surgery and evaluation of the airway will be discussed.

“Great speakers, excellent presentations...a great wealth of information.”
—ACOMS 2008 Annual Conference Attendee
Monday, May 4, 2009

Pathology

Update on the Management of Bisphosphonate Induced Osteonecrosis
2:00 p.m. – 3:30 p.m.
Regency 2 – 3
Robert E. Marx, DDS
University of Miami Miller School of Medicine, Division of Oral and Maxillofacial Surgery, Miami, Florida

Bisphosphonate induced osteonecrosis may be caused by intravenous or oral bisphosphonates. While the cause is the same for each, intravenous bisphosphonate induced osteonecrosis is more common, more severe and less amenable to drug holidays and selective surgeries—most of which are alveolar office-based procedures guided by CTX test monitoring.

Management of Common Odontogenic Tumors
4:00 p.m. – 5:30 p.m.
Regency 2 – 3
Robert E. Marx, DDS

Odontogenic tumors are slow but continuously growing benign tumors. Evidence indicates that tumors such as the ameloblastic fibroma, ameoblastic fibroodontoma and the adenoretoid odontogenic tumor behave as hamartomas and therefore require only enucleation for cure. However, the ameloblastoma odontogenic myxoma and the calcifying odontogenic tumor behave as true invasive neoplasm’s and therefore require a resection with certain margin of normal tissue.

Tuesday, May 5, 2009

Reconstruction

Management of Secondary Cleft Deformities
9:00 a.m. – 10:15 a.m.
Regency 2 – 3
David S. Precious, DDS, MSc, FRCDC, FRCS
Victoria General Hospital, Halifax, Nova Scotia, Canada, Dalhousie University, Halifax, Nova Scotia, Canada

Surgical correction of cleft lip and palate remains an elusive problem because it is not clearly conceptualized. Meaningful correction of cleft lip and palate can be achieved only when the surgeon is fully appreciative of both normal and pathological spatial relationships and functions of the anatomic elements, particularly the muscular elements, which cause the deformity.

Osseous Distraction of Maxillary and Midface Deformities
10:45 a.m. – Noon
Regency 2 – 3
Cesar Guerrero, DDS
Santa Rosa Maxillofacial Surgery Center, Central University of Venezuela (UCV), Caracas, Venezuela

Midface deficiency represents a challenge in both surgery and orthodontics. Traditional surgery has limitations: amount of advancement, bone grafts, extensive rigid fixation, long recovery, surgical relapse and treatment costs. Distraction osteogenesis is a novel and predictable technique that progressively maxillary advance the midface avoiding most of the historical limitations.
Facial Osteotomies and Bone Grafting: The Heritage and Legacy of Oral and Maxillofacial Surgery
Noon – 1:00 p.m.
Regency 2 – 3
Timothy A. Turvey, DDS
Department of Oral Maxillofacial Surgery, University of North Carolina, Chapel Hill, North Carolina

The heritage of oral and maxillofacial surgery lies in facial osteotomies and bone grafting. These procedures are rudimentary elements of the profession. Although techniques have changed over time, the basic concepts and principles are fundamental. Surgical techniques, osteotomy designs, choice of bone graft materials, etc. continue to be refined, and discoveries in the biological sciences, including regenerative medicine, will alter the conduct of the profession in the future. However, the need for surgery will not be eliminated.

This presentation highlights current techniques with predictions of how recent discoveries will impact these fundamental procedures.

Anesthesia

Pediatric Office Anesthesia
2:00 p.m. – 2:45 p.m.
Regency 2 – 3
Michael D. Webb, DDS
Virginia Commonwealth University School of Dentistry, Department of Pediatric Dentistry, Richmond, Virginia

This session is designed to discuss office anesthesia for the pediatric dental patient. Topics include preoperative assessment, anatomy and physiology and anesthetic techniques for the pediatric patient. An office-based pediatric anesthesia program at Virginia Commonwealth University will be used for illustration.

Propofol-Remifentanil Infusions
2:45 p.m. – 3:30 p.m.
Regency 2 – 3
Robert C. Bosack, DDS
Christ Hospital and Medical Center, University of Illinois Medical Center, Orland Park, Illinois

This session introduces the art of administering a propofol-remifentanil admixture by continuous infusion to achieve a dose-dependent choice of moderate sedation, deep sedation or general anesthesia. Doses, caveats, limitations, complications and patient monitoring when using this technique will be reviewed.

Management of the Patient Requiring Anesthesia
4:00 p.m. – 4:45 p.m.
Regency 2 – 3
Michael K. Rollert, DDS
Associate Professor, University of Colorado, Denver, Colorado

This session stresses the importance of the entire professional and allied staff understanding their role in the safe management of the patient who is to have surgery and anesthesia in the office.

Emergency Airway Management in Sudden Compromise
4:45 p.m. – 5:30 p.m.
Regency 2 – 3
Robert Campbell, DDS
Glen Allen, Virginia

The difficult airway falls into two major “life-threatening” categories: inability to ventilate and inability to intubate. Difficult airway situations may be predictable in 5% of the general population, based on reliable studies. However, there are certain body morphology characteristics, neck circumference, thyromental distance and Mallampati scoring that can “narrow the search” for the anticipated difficult airway. This session includes several studies, difficult cases and plans for the unexpected urgent or emergent treatment.
Wednesday, May 6, 2009

**Oral Reconstruction with Dental Implants**

**Piezosurgery Advanced Bone Grafting Techniques**
9:00 a.m. – 10:30 a.m.
Regency 2 – 3
Tomaso Vercelotti, MD, DDS
Visiting Professor, University of Genoa, Genoa, Italy

This session explores the advantages of precision ad intra-operative control introduced by Piezosurgery in the techniques of bone block grafting and fixation. Precision of the cutting action is fundamental in simplifying grafting techniques and reducing patients' morbidity. Osteoplasty technique allows remodelling bone blocks, and the holes performed with Piezosurgery simplify bone blocks' fixation, whereas autogenous bone chips grafting improves healing mechanisms.

**The Use of CO₂ Laser in Implant Dentistry**
11:00 a.m. – 11:45 a.m.
Regency 2 – 3
Todd Sawisch, DDS
South Florida Oral & Facial Cosmetic Surgery, Dental Implant Center, Holy Cross Hospital, Imperial Point Hospital, Fort Lauderdale, Florida

CO₂ laser results (in oral medicine and surgery) are consistent and precise, particularly when treating soft tissue. Dental implants are proven and remain the ideal replacement to restore a dentition. Combining these technologies affords patients with minimal downtime and no bleeding, swelling or pain with routine dental implant procedures. Although traditional surgical modalities suffice, laser technology, when indicated, simplifies all aspects of surgical care, enhancing the experience while achieving predictable results. Therefore, it is imperative to incorporate the use of lasers into one's surgical practice.

**Comparison of CT Software for Diagnosis and Guided Surgery**
11:45 a.m. – 12:45 p.m.
Regency 2 – 3
Joel L. Rosenlicht, DMD
Rosenlicht and Ansari Oral Surgery Center, Manchester, Connecticut

We are in a digital world—office-based CT scanners are now common equipment found in many practices or certainty within close proximity of our patients. This technology and the development of planning software can be challenging. This lecture describes the technology and discusses its usefulness, importance, expense and future not only in implant dentistry but also in many oral surgical procedures.

**Facial Cosmetics**

**Skin Fillers and Chemical and Laser Skin Resurfacing**
2:00 p.m. – 3:00 p.m.
Regency 2 – 3
Bruce N. Epker, DDS, MSD, PhD
Aesthetic Facial Surgical Center, Wilford Memorial Hospital, Weatherford, Texas

The first one-half of the session is devoted to a detailed discussion of the currently FDA-approved injectible fillers used for cosmetic facial enhancement. The second half is devoted to a detailed discussion of skin, skin aging and the reversal of skin aging using chemical and laser techniques.
Scientific Sessions

Minimal Inclusion Facial Rejuvenation
3:00 p.m. – 4:00 p.m.
Regency 2 – 3
Steven B. Hopping, MD, FACS
The Center for Cosmetic Surgery, The George Washington University Hospital, Washington, DC

This session delves into new concepts in face lifting, the impact on volumetric enhancement to address the atrophic aspects of aging and the lifting procedures for the gravitational effects of aging. In addition, it explores various options available to achieve volumetric facial rejuvenation. Face lifting has changed dramatically over the past two decades. In the past, the procedure was largely confined to SMAS and skin lifting techniques. Over the past decade, however, we now realize that although much of aging is gravity, an equal amount of aging is atrophy. This presentation focuses on volumetric enhancement and facial rejuvenation utilizing both alloplastic implants and autologous fat. Short flap face lifts as well as long flap and short scar and more traditional face lifting techniques are covered with their indications, advantages, and disadvantages.

Cosmetic Surgery for the Lips
4:00 p.m. – 5:00 p.m.
Regency 2 – 3
Jon D. Perenack, DDS, MD
LSU Oral and Maxillofacial Surgery – New Orleans, Louisiana State University Health Science Center, New Orleans, Louisiana

The aging population desires to maintain a youthful outward appearance. It becomes important not only to treat evidence of oral aging via dental implants, gingival esthetic surgery and optimal dental restorations, but also to rejuvenate the soft tissue architecture that frames the results of these efforts. Typically, the patient, along with friends and family, only judges the value of dental restorations by what is observed during speech, smiling and response. With age the senile lip undergoes predictable changes that physically obstruct the view of the dentition. Loss of lip volume, architecture and gradual lip lengthening are the pre-eminent causes. This presentation presents a systematic approach to evaluation, diagnosis and treatment planning for these problems. Solutions presented include various methods of lip augmentation to correct for lip atrophy and loss of architecture, and the sub-nasal lip lift technique to correct the elongated lip.
Monday, May 4, 2009

Management of the Medically Compromised Patient
9:00 a.m. – Noon
Buccaneer D
Presenter: Martin J. Dunn, DMD

The focus of this presentation is to stress the importance of a current and accurate medical history and the reasons why every member of the oral and maxillofacial surgical team must have a basic understanding of these medical conditions. A syllabus will be provided.

Topics:
- Cardiovascular System
  - Overview of normal anatomy and physiology of the cardiovascular and respiratory systems
  - Hypertension
  - Angina Pectoris
  - Myocardial Infarction
  - Anticoagulation Therapy – Discontinue or maintain medications prior to surgery
- Cardiac Arrhythmias
- Pacemakers
- Congestive Heart Failure
- Cardiac Surgery
- Vasoconstrictor in the local anesthesia
  - Yes? Or No? Why?
- Stroke (Cerebral Vascular Accident – CVA)

Respiratory (Pulmonary) System
- Chronic Obstructive Pulmonary Disease (COPD)
- Chronic Bronchitis, Emphysema
- Asthma

Endocrine System
- Overview of normal anatomy and physiology
- Hypothyroidism
- Hyperthyroidism
- Diabetes
- Patients presently and previously on steroids and ACTH

Management of the Patient Requiring Anesthesia
2:00 p.m. – 5:30 p.m.
Buccaneer D
Moderator: Martin J. Dunn, DMD
Presenter: Michael Rollert, DDS

This presentation will stress the importance of the entire professional and allied staff understanding their role in the safe management of the patient who is to have surgery and anesthesia in the office.

Topics:
- Preoperative Assessment
  - ASA Classification
  - Respiratory Evaluation
  - Cardiac Evaluation
  - Endocrine Evaluation
  - Evaluation of the obese patient
  - Psychiatric Evaluation
- Understanding Levels of Sedation/Anesthesia
  - Defining the terms
  - Analgesic
  - Anxiolytic
  - Hypnosis
  - Minimal Sedation
  - Moderate Sedation
  - Deep Sedation
  - General Anesthesia
- Basic Anesthetic Drugs
  - Benzodiazepines
  - Opioids
  - Propofol
  - Ketamine
  - Anti-Emetics
- Airway Management and Treatment of Complications
  - Video of actual patient treatment will be included
Professional and Allied Staff Program

Tuesday, May 5, 2009

Cosmetic Facial Procedures and Marketing Presentation
9:00 a.m. – Noon
Buccaneer D
Moderator: Martin J. Dunn, DMD
Presenter: Leonard Spector, DDS
Private Practice Oral and Maxillofacial Surgery; Diplomate, American Board of Oral and Maxillofacial Surgery; Division Head, Oral and Maxillofacial Surgery, Franklin Square Hospital Center, Baltimore, MD

Common surgical techniques will be discussed. The facial regions dictate the type of procedures that will offer the best results. This presentation will also include presenting the cosmetic treatment plan and marketing a cosmetic practice.

Topics:
- How dentistry prepares you to perform cosmetic facial surgery
- Clinical examination
- Computerized video imaging and photographs
- Orthognathic Surgery
- Rhinoplasty – open vs. closed
- Genioplasty
- Liposuction and Platysmaplasty
- Rhytidectomy (Face Lift)
- Blepharoplasty
- Forehead/Brow Lifts
- Botox® and Fillers
- Treatment Plan Presentation
- Marketing a Cosmetic Practice

Role of the Implant Coordinator in Today’s Oral and Maxillofacial Practice
2:00 p.m. – 5:00 p.m.
Buccaneer D
Moderator: Martin J. Dunn, DMD
Presenter: Donna Breeyear
Implant Coordinator, Washington Institute for Mouth, Face, and Jaw Surgery, Washington, DC

In order to fully develop an implant practice, the oral surgery office needs to organize an appropriate implant management system. This presentation will include the management of the implant patient from start to completion, management of the inventory, treatment plans, financial counseling and communication with the implant referrals.

Topics:
- What is an implant coordinator?
- The role of the implant coordinator in your practice
- How your practice can benefit from an implant coordinator
- Establishing an implant coordinator position
- The four levels of an implant coordinator
- Implant coordinator training
- Marketing your practice
This year’s award recipient is Dr. Timothy Turvey

Dr. Turvey is the co-founder and co-director of the UNC Dentofacial Program and a member of the Craniofacial Center. He lectures in cleft palate, surgical-orthodontics and craniofacial surgery. His major teaching involves supervising Oral and Maxillofacial Surgery residents at the University of North Carolina Hospitals.

Dr. Turvey’s current research interests include long-term stability and adaptation to the correction of facial deformities. His work has been published in more than 70 books, journal articles and book chapters. He is the co-author of *Facial Clefts and Craniosynostosis*.

Dr. Turvey is Editorial Consultant for four journals, serves on the Advisory Committee of the American Board of Oral Maxillofacial Surgery and is chairman of the Long Range Planning Committee of the American Cleft Palate-Craniofacial Association. He is also on the Oral and Maxillofacial Surgery Advisory Committee to the Commissioner on Dental Accreditation.

### Previous W. Harry Archer Award Winners

Dr. Ray White 2008  
Dr. Michael Block 2007  
Dr. R. Bruce McIntosh 2006  
Dr. David Precious 2005  
Dr. Edela Puricelli 2004  
Dr. Antenor Araujo *(presented jointly 2004)*

Dr. John Kent 2002  
Dr. James Bertz 2001  
Professor Jean Delaire 2000  
Dr. Robert Marx 1999  
Dr. Rolf Ewers 1998  
Dr. William Bell 1997  
Dr. Alex Mohanac 1996  
Dr. Stuart Kline 1995  
Dr. James Bauerle 1994  
Professor Hugo Obwegeser 1993  
Dr. Philip Boyne 1991  
Dr. Robert Shira 1990  
Dr. Robert Walker 1988  
Dr. Harold Zubrow 1987  
Dr. Fred Henry 1986  
Dr. Bruce Epker 1985  
Dr. Daniel Laskin 1984  
Dr. Herbert Bloom 1983  
Dr. Irvin Uhler *(presented jointly 1983)*

### Previous Kurt H. Thoma Lecturers

Dr. Ray White 2008  
Dr. Michael Block 2007  
Dr. R. Bruce McIntosh 2006  
Dr. Leon Assael 2005  
Dr. Edela Puricelli 2004  
Dr. Antenor Araujo *(presented jointly 2004)*

Dr. John Kent 2002  
Dr. James Bertz 2001  
Professor Jean Delaire 2000  
Dr. Robert Marx 1999  
Dr. Rolf Ewers 1998  
Dr. William Bell 1997  
Dr. Alex Mohanac 1996  
Dr. Stuart Kline 1995  
Dr. James Bauerle 1994  
Professor Hugo Obwegeser 1993  
Dr. Philip Boyne 1991  
Dr. Robert Shira 1990  
Dr. Robert Walker 1988  
Dr. Harold Zubrow 1987  
Dr. Fred Henry 1986  
Dr. Bruce Epker 1985  
Dr. Daniel Laskin 1984  
Dr. Herbert Bloom 1983  
Dr. Irvin Uhler *(presented jointly 1983)*

The W. Harry Archer Award was established by ACOMS to recognize both the achievements of individual oral and maxillofacial surgeons and to recognize the contributions to the specialty by W. Harry Archer—a trailblazer for oral and maxillofacial surgery as it exists today.
Humanitarian Award Winner

The ACOMS Humanitarian Award was established in 1990 to recognize the outstanding philanthropic contributions which our members are uniquely able to offer to society. Not an annual award, it is given out only to exceptional candidates on the basis of merit.

This year’s award recipient is Dr. John Westine

Founded in 2007, the International Foundation for Children with Cranio-Facial Disorders is a charitable organization dedicated to treating the children of the world’s most impoverished nations afflicted with various cranio-facial deformities. It is partnered with the International College for Maxillo-Facial Surgery (ICMFS).

It is the dream of its founder, John R. Westine, DDS, to make available the surgical assistance necessary to correct these horrific conditions and to give these children a chance at living some semblance of a normal life.

Since its inception, the Foundation under Dr. Westine’s leadership has treated more than 45 children with cranio-facial disorders in such places as Katmandu, Nepal and Ibadan, Nigeria. Recently, the Foundation attended a Pan-African Conference to help to identify the neediest children throughout the African continent.

Dr. Westine just completed a tour of the Center for Infant Stomatology in Antigua, Guatemala, where he pledged the support of his Foundation to raise enough capital to provide an additional operating theater to the Center to allow for both maxillofacial and cranio-facial procedures.

In addition, it is anticipated that upon completion of the operating theater, many of the members of the American College of Oral and Maxillofacial Surgeons will contribute their surgical expertise to perform the corrective surgeries necessary to correct these deformities.

For his selfless work with the Foundation, Dr. Westine is receiving the American College of Oral and Maxillofacial Surgeons’ Humanitarian Award. We salute Dr. Westine for his dedication, personal generosity, and boundless energy is serving his fellow man.
General Conference Information

About the Hyatt Regency Tampa
Ideally located in the heart of the city, the Hyatt Regency Tampa places you within minutes of the historic Ybor City district, Florida Aquarium and Busch Gardens. Stroll to Channelside Bay Plaza or take a trolley car to the museums or the zoo. With contemporary guestrooms, delicious dining and award-winning staff, you’ll discover why the Hyatt Regency Tampa provides a delightful stay for business and leisure travel.

Hotel Information
Hyatt Regency Tampa
211 North Tampa Street
Tampa, FL USA 33602
Phone: +1-813-225-1234

Hotel Dining Information
Avanzare Restaurant
It isn’t just about the food at Avanzare in Hyatt Regency Tampa. It’s a total dining experience. From the lush tropical plants and soothing waterfall in the five-story atrium to Executive Chef James Blackwell’s American cuisine peppered with Mediterranean influences, Avanzare is as pleasing to the eye as it is to the palate. Whether it’s breakfast, lunch or dinner, the restaurant will leave you sated and relaxed. For reservations, please call +1-813-222-4975.

Monday through Sunday:
Breakfast 6:00 a.m. to 11:00 a.m.
Lunch 11:00 a.m. to 3:00 p.m.
Dinner 5:00 p.m. to 11:00 p.m.

Avanzare Lounge
Join us in our open, airy Avanzare Lounge—a bar with upscale sophistication and atmosphere. Catch a sports game or get the latest news from one of several plasma screen televisions throughout the space. A visit to the lounge doesn’t preclude the staff from serving early morning fare. From the extensive wine list and light appetizers to the unexpected breakfast treats and coffee, Avanzare Lounge is a great place to stop anytime of day. Open daily from 11:00 a.m. to 1:00 a.m.

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Coffee Bar
Located in the beautiful five-story tropical atrium lobby, the coffee bar greets you each morning with the aroma of freshly brewed Starbucks® drinks. Soothe yourself with a green tea. Ward off pre-meeting jitters with a decaffeinated brew. Pair a café latte with a freshly baked muffin, croissant or other breakfast pastry. Not a caffeine addict? Are the kids hankering for something sweet? Treat them (and yourself) to a selection of sorbets and ice cream flavors offered in the coffee bar.
AFP Imaging/NewTom
AFP Imaging is a state-of-the-art diagnostic imaging supplier whose products are distributed worldwide with clinical applications for dental, medical and veterinary professionals. For over 30 years, AFP Imaging has produced branded products that are installed in over 100,000 dental, medical and veterinary facilities. The company's products are trademarked with brand names that include AFP, DENT-X, EVA and NewTom. For additional information, please visit our Web site at www.afpimaging.com.

AxoGen
AxoGen® Nerve Regeneration provides surgeons with solutions to repair and regenerate peripheral nerves, bringing relief and restoring function to patients who suffer peripheral nerve injuries. AxoGen is a leader in the advancement of peripheral nerve repair—creating a unique combination of patented technologies and a rich pipeline of new products.

BioHorizons
BioHorizons is a leading oral reconstructive device company at the forefront of digital dentistry. The company has a broad product offering, including surgical planning software, regenerative products, dental implants, CAD/CAM and traditional dental restorations. BioHorizons has a direct sales force in the U.S., Canada, Germany, Spain, United Kingdom, Australia, Mexico and Chile. Products are distributed in the rest of the world via a network of independent distributors. www.biohorizons.com.

Biomet Microfixation
Biomet Microfixation is a leading developer and manufacturer of advanced cranio-maxillofacial products. New products include our TraumaOne facial fracture fixation and reconstruction system and the TMJ OnPoint 1.2mm Scope System. Other products include our TMJ Joint Replacement System, LactoSorb®, Distraction Devices, bone replacement systems, plus a full armamentarium of Fixation Systems and Instrumentation. www.biometmicrofixation.com.

CMF Medicon Surgical, Inc.
CMF Medicon Surgical, Inc., located in Jacksonville, FL, is the daughter company of MEDICON eG/Germany. MEDICON eG, founded in 1941, manufactures high-quality surgical instruments and titanium plating systems for cranio-maxillofacial surgery and internal distraction devices. All products are made in Germany. The product range includes 30,000 different products which are sold worldwide.

DEKA Laser Technologies, LLC
The DEKA UltraSpeed™ CO2 laser is the new standard in implantology and oral surgery. A bloodless surgical field without swelling, but complete sterilization, results in accelerated healing. Surgical incisions up to 5 mm deep are performed without carbonization or traumatization of tissue.
Dr.’s Toy Store
Dr.’s Toy Store buys, sells, repairs and trades new and previously enjoyed medical equipment, saving doctors 40% to 70%.

Ellman International
Ellman International worldwide leaders in high frequency/low temperature radiofrequency generators which allow the physician to work by bone, tooth and implants. In addition, snoring and facial cosmetic procedures are also performed.

ELSEVIER
ELSEVIER presents Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontology, the official journal of the American College of Oral and Maxillofacial Surgery. Please stop by our booth to view the latest issue of the journal and browse our other books and journals in the field of oral and maxillofacial surgery.

Harvest Technologies Corp.
Harvest manufactures the SmartPReP® 2 Platelet Concentrate System. In minutes, SmartPReP produces a predictable Autologous Platelet Concentrate (APC+ TM) enriched with multiple Growth Factors. It starts with as little as 20ccs of blood and is cleared for use in bone grafting procedures.

Image Sciences
i-CAT® is the leader in 3D Cone Beam Dental Imaging allowing dental specialists to create the most predictable treatment plans leading to successful surgical outcomes.

Innovative Implant Technology
Innovative Implant Technology—creators of the Implant Guiding System and the Sinu-Drill. The Implant Guiding System will ensure correct implant location while also helping determine the optimal diameter during placement. The Sinu-Drill is a minimally invasive sinus lift procedure which allows for the placement of implants in the maxillary sinus region.

Keystone Dental
Keystone Dental provides the total solution for your dental implant placement needs and offers digital treatment planning software with guided surgery options, an array of surgical and restorative implant solutions including both submerged and transmucosal selections, and a full line of bone grafting and barrier products.

KLS Martin
KLS Martin is a company dedicated to providing innovative medical devices and power systems for crano-maxillofacial surgery. The company’s rich history began with surgical instrument production in Tuttingen, Germany in 1896 and continued with minimplate production in 1975. KLS Martin has advanced the capabilities of distraction osteogenesis, and revolutionized resorbable fixation with the SonicWeld Rx system.

LuxarCare
LuxarCare specializes in the total care and support of Luxar™ and Lumenis™ waveguide laser owners. LuxarCare provides economical repair services, upgrades, accessories, cost-effective service plans and refurbished lasers. LuxarCare introduces its new line Aesculight™ hand-pieces, tips and flexible hollow waveguides.

Medical Modeling, Inc.
Medical Modeling specializes in providing custom anatomical models produced from your patient’s CT scan. Their ClearView(R) and OsteoView(R) products are the industry standard. Stop by their booth to learn more about model-based surgical planning and orthognathic planning software products.

Medical Protective
Since 1899, Medical Protective has been the nation’s leader in dental professional liability. As a Warren Buffett Berkshire Hathaway Company, Medical Protective offers healthcare providers four levels of unmatched protection—strength, defense, solutions, since 1899. www.medpro.com or +1-800-4MEDPRO.

Medtronic
Medtronic is the world’s leading medical technology company, providing lifelong solutions for people with chronic disease. Every five seconds, a person’s life is saved or improved by a Medtronic therapy. With the advent of technology such as INFUSE® Bone Graft, Medtronic is fulfilling its promise of continued investment in advanced therapies to benefit patients everywhere.

MIS Implants Technologies
MIS Implants Technologies offers a comprehensive range of dental implants and superstructures, as well as innovative surgical tools, to support a successful and safe implantation procedure. Certain implants are compatible to other systems and are packaged with the appropriate final drill. Abutments are available in simple, organized kits containing the relevant impression and lab components. The MIS product line was launched in 1995 and is sold in over 50 countries.
Neoss
Neoss provides the ideal balance between biology, biomechanics and bioesthetics by offering an innovative, evidence-based dental implant system with around 100 components. Experience the Neoss advantage: inspired innovation helping you to exceed your patient’s expectations.

Nobel Biocare
Nobel Biocare is the world leader in innovative restorative and esthetic dental solutions. The company provides dental professionals with state-of-the-art, science-based root-to-tooth solutions, including dental implants, all-ceramic crowns, bridges and laminates, guided surgery planning, scanners and biomaterials.

OMSVision, by Henry Schein Practice Solutions
Developed in partnership with the American Association of Oral and Maxillofacial Surgeons and a Henry Schein Practice Solutions-appointed task force of practicing oral and maxillofacial surgeons and office managers, OMSVision consistently delivers industry-firsts: embedded EMR (Electronic Medical Record), comprehensive implant management and targeted features for progressive oral and maxillofacial surgeons at any size practice and any number of locations.

The Oral and Maxillofacial Surgery Foundation (OMSF)
In 2009, the Oral and Maxillofacial Surgery Foundation (OMSF) celebrates its 50th anniversary! For 50 years, OMSF has been supporting research and education in the specialty. OMSF is dedicated to advancing the long-term development, health and well-being of the specialty and the public it serves through financial support of research and education consistent with the goals of the ACOMS.

Piezosurgery, Inc.
Piezosurgery, Inc. is dedicated to promotion and service of Piezosurgery® Dental in the U.S. Minimally invasive, safe and selective, Piezosurgery® is revolutionizing bone surgery. Invented by Dr. Vercellotti and Mectron, Piezosurgery® has 10+ years of research and development and 75+ published studies.

Primal Pictures
Primal Pictures produces detailed 3D anatomy software, which is used in educational institutions and for patient and practitioner education. 3D Head & Neck Anatomy for Dentistry is a valuable resource for dentists in training and practice. Please visit table 19 or www.primalpictures.com.

Sandstone Medical
Sandstone Medical leads the way in providing affordable aesthetic lasers. Our product family includes the Matrix Fractional CO2, the Ultra-Light-Q, Q-switched Yag and the Whisper-NG Er: Yag Lasers. Sandstone Medical provides pre-owned lasers from manufacturers such as Lumenis, Candela and LaserScope.

Stryker
Stryker is one of the world’s leading medical technology companies with the most broadly based range of products, including implants used in joint replacement, trauma, cranio-maxillofacial and spinal surgeries; biologics; surgical, neurologic and interventional pain equipment; endoscopic, surgical navigation and communications systems as well as patient handling equipment.

Synthes
Synthes is a leading global medical device company that develops, produces and markets instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the human skeleton and its soft tissues.

Westport Medical
Westport Medical provides the Powertome™, a powered periotome that allows for extremely precise tooth extraction with minimal or no alveolar bone loss.

XCPT, LLC
XCPT’s Patient Engagement System provides eye-catching visuals of proposed treatment such as crowns, bridges, and implants on patient’s x-rays, CT scans or photos. XPCT saves time and reduces paperwork while allowing patients to grasp treatment concepts quickly and intuitively.

Zimmer Dental
Zimmer Dental is a global leader in the oral rehabilitation market with a mission to improve the lives of patients through continuous product development and leadership in education. View the Tapered Screw-Vent® Implant System, Puros® Allograft family of products and The Zimmer Institute™ on display.
Save the Date for the ACOMS
31st Annual Scientific Conference & Exhibition

Surgical Imagination—Technical Innovation

Program Chairman: Robert A. Strauss, DDS, MD

The American College of Oral and Maxillofacial Surgeons
ACOMS was formed for the purpose of enhancing the level of patient care. This enhancement of surgical care through the furthering of research and education in OMS surgery is achieved by the College’s sponsoring of educational programs, research activities and fellowships as a service to not only the members of the College, but to the profession at large.