The 39th Annual Moyers Symposium
CBCT in Orthodontics: Indications, Insights & Innovations

March 10 - Saturday
March 11 - Sunday

Session I: Moderator - Dr. James McNamara
9:00 am Introduction and Opening Remarks
9:20 am "Current Status of CBCT Imaging in Orthodontics"
Dr. Scott Katz, Robert W. Broxie Endowed Professor and Chair, Department of Orthodontics and Pediatric Dentistry, The University of Michigan
10:05 Break
10:35 am "Evolution of 3D Imaging"
Dr. Alan G. Farman, Professor of Radiology & Imaging Science, University of Louisville School of Dentistry; President American Association of Oral and Maxillofacial Radiology (2009-11)
11:20 am "Developing Evidence Based Selection Criteria of CBCT Imaging in Orthodontics"
Dr. William C. Scarfe, Professor of Radiology and Imaging Sciences, University of Louisville School of Dentistry
12:05 pm Lunch (on your own)

Session II: Moderator - Dr. William Scarfe
1:30 pm "Protocols for the Use of CBCT in the Orthodontic Practice"
Dr. Aaron Moles, Private Practice of Orthodontics, Auburn, Washington; Lecturer, Section of Orthodontic Practice, University of Washington, Seattle, Washington
2:10 pm "Navigating through 3D Volumes: What Are We Looking For and What Should NOT Be Missed?"
Dr. Christos Angelopoulos, Executive Director, Academy of Oral and Maxillofacial Radiology, New York, New York
2:50 pm Break
3:20 pm "CBCT in Orthodontics: Is There Such a Thing as Appropriate Use?"
Dr. Joseph Caruso, Professor and Chair, Department of Orthodontics, Loma Linda School of Dental Medicine, Loma Linda, California
3:55 pm "Rationale for the Selective Use of CBCT in Orthodontic Practice"
Dr. Lucia Cavaiolas, Assistant Professor, Department of Orthodontics and Pediatric Dentistry, The University of Michigan
4:30 pm Panel Discussion: (Speakers from Sessions I and II)
5:15 pm Opening reception at Campus Inn

Session III: Moderator - Dr. Kirt Simmons
8:30 am "Scan or Not to Scan: Medical Implications"
Dr. Bernard Friedland, Associate Professor of Oral Medicine, Infection, and Immunity; Director, Predoctoral Program in Oral Radiology, Harvard School of Dental Medicine, Boston, MA
9:15 am "Research and Clinical Applications of CBCT in Orthodontics"
Dr. Brie Micken, Professor and Chair; and Dr. Michael Galione, Associate Professor, Department of Orthodontics, University of Aarhus, Denmark
10:00 am Break
10:30 am "Selected Articular Disorders and Associated Effects on Facial Growth and the Airway"
Dr. David Hatches, Oral Maxillofacial Radiology Practitioner, San Marino, California and Adjunct Associate Clinical Professor, University of Pacific
11:40 am "The Future of CBCT and 3D Imaging in Orthodontics"
Dr. Michael Waner, Professor of Radiology and Medicine University of Chicago Medical Center, Chicago, Illinois
11:50 am Panel Discussion: (Speakers from Sessions I to III)

A Symposium of Interest to All Dental Professionals Saturday & Sunday March 10-11, 2012
Sponsored jointly by the School of Dentistry and the Center for Human Growth & Development
Department of Orthodontics and Pediatric Dentistry
University of Michigan Ann Arbor, Michigan

Crop Beamed Computed Tomography (CBCT) imaging is becoming an increasingly important technology in dentistry. While most orthodontists agree that CBCT images can enhance diagnosis and/or treatment planning in select types of patients, substantial disagreement exists on the value of its routine use in orthodontics.

The 39th Annual Moyers Symposium will provide an objective cutting-edge forum on the indications for CBCT imaging in clinical orthodontics and research, clinical insights gained from these images and innovations driven by these insights. More specifically, the symposium will cover topics such as technology assessment, evidence based guidelines on case types and protocols for use, missed and incidental findings, medicolegal implications, novel discoveries using CBCT, radiation exposure, integration of CBCT data and emerging technologies as well as future developments in CBCT and 3D imaging. The program is designed to progress sequentially through specific topics with minimal overlap so as to build the knowledge base of the participants logically in this important and rapidly evolving field.

The speakers include recognized authorities in CBCT and 3D imaging and comprise Oral Maxillofacial Radiologists- one with a dual training in law, Orthodontists, and a Medical Radiologist. Also, this year’s Symposium will supplement the symposium by focusing entirely on CBCT and 3D imaging and will provide a substantial preamble to the Symposium. For this reason, you are encouraged to attend both the Symposium and Presymposium. There is no registration fee for the Presymposium.