Interpreting Cone Beam CT Images: An Interactive Workshop
Friday, February 9, 2018

Lynda J. Young Conference Room (6-410 Moos HS Tower)

7:30   Final registration and assembly. Continental breakfast
7:55   Welcome

8:00   Course Introduction  Dr. Mansur Ahmad
       Lecture: Introduction to Cone Beam CT and Software

8:45   Refreshment break

Biomedical Library – Diehl Hall

9:00   Interactive Hands-on Case Presentations  Dr. Ahmad & Dr. Laurence Gaalaas
       • Impaction of incisors, canines and premolars, supernumerary teeth
       • Third molars and inferior alveolar canal
       • Implants
       • Sinus anatomy and diseases
       • TMJ
       • Fractures of teeth and bone
       • Diseases of bone, e.g. fibrosseous lesions, dense bone island, osteomyelitis, ONJ
       • Cysts, benign and malignant tumors

Lynda J. Young Conference Room (6-410 Moos HS Tower)

12:15  Luncheon (included)

Biomedical Library – Diehl Hall

1:00   Interactive Hands-on Case Presentations (continued)

2:30   Refreshment break

3:00   Interactive Hands-on Case Presentations (continued)

5:00   Question and answer session; course wrap up

5:15   Adjourn
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Meet the Experts

**Mansur Ahmad**, BDS, PhD, Associate Professor and Director, Oral and Maxillofacial Radiology, Division of Oral Medicine, Diagnosis and Radiology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry; Diplomate and Past President, American Board of Oral and Maxillofacial Radiology. Dr. Ahmad received his dental degree from India. After practicing general dentistry for five years, he attended the University of Connecticut Health Center where he completed a residency in Oral and Maxillofacial Radiology and PhD in Oral Biology. In 1999, he joined the University of Minnesota faculty. Dr. Ahmad’s research interests include TMJ imaging, CBCT imaging and tissue engineering. In 2010, he was honored as the recipient of the School of Dentistry Century Club Professor of the Year.
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**Laurence Gaalaas**, DDS, MS, Clinical Assistant Professor, Oral and Maxillofacial Radiology, Division of Oral Medicine, Diagnosis and Radiology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry; Diplomate, American Board of Oral and Maxillofacial Radiology. Dr. Gaalaas received his dental degree from the University of Minnesota in 2012 and completed specialty training and a Master of Science degree in oral and maxillofacial radiology from the University of North Carolina at Chapel Hill in 2015. As a researcher and inventor, his experience includes advanced graphical analysis of images derived from dental imaging modalities, caries detection and diagnosis, contrast performance evaluation of clinical x-ray imaging systems, and development of novel imaging techniques specific to dentistry such as low dose 3D intraoral radiography and dental MRI. He is a member of the American Academy of Oral and Maxillofacial Radiology, and has ongoing teaching responsibilities plus an active radiology practice through the University of Minnesota.
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