Small Field-of-View Cone Beam CT: Principles and Applications
Friday & Saturday, January 28 & 29, 2011 (3rd day to be determined by appointment)

Course No: RA01-11  CDE Credits: Total for 3 days – 25
Location:  
Friday and Saturday:
University of Toronto Centre for Continuing Dental Education
1440 Don Mills Road (Kern Road entrance)
(Day 3: Personal appointment – Faculty of Dentistry, 124 Edward Street, Toronto)

COURSE OVERVIEW
The course on small field-of-view cone beam CT (cbCT) is a didactic and clinical hands-on course that will introduce the participants to the principles of cbCT and its applications in dentistry. This course will be presented in 2 parts. Part one is January 28, 29 and involves didactic material and hands-on data processing. The second part will be an individualized (by appointment) half-day of clinical hands-on at the Faculty of Dentistry.

The course content will include reviews of:
1. The biological effects of ionizing radiation
2. Radiation dosimetry
3. The appearances of normal anatomy
4. Image interpretation of oral and maxillofacial pathoses
   a. dental anomalies
   b. Inflammatory lesions
   c. Trauma to the teeth and maxillofacial area
   d. Cysts- and cyst-like lesions
   e. Benign tumours of the jaws
   f. Dysplastic bone lesions of the jaws
   g. Malignant tumours of the jaws
   h. Dental implant assessments
   i. Temporomandibular joint abnormalities
5. Reporting of images
6. The appearances of normal anatomy

As well, each participant will gain experience in patient positioning and image reconstruction.
In order to complete this course, the enrollee must attain at least 60% in each of (i) a 2 hour short-answer and multiple choice examination; and (ii) a 1 hour practical and written examination where participants will be asked to identify and report on 2 small field-of-view cbCT volumes.

Currently in the Province of Ontario it is not possible for dentists to be issued a permit to operate a cone beam CE machine. Legislation has been drafted that includes educational requirements that will qualify dentists to receive the necessary permit. Successful completion of this course will meet the educational requirements of the legislation to qualify dentists to operate a small field-of-view cone beam CT machine in the province of Ontario. The legislation is expected to be passed in the spring of 2011.

The University of Toronto, Faculty of Dentistry appreciates the unrestricted educational grant provided by Henry Schein.

BIOGRAPHY
Dr. Ernest Lam is an Associate Professor, Head of the Discipline of Oral and Maxillofacial Radiology and Program Director of the Oral and Maxillofacial Radiology Graduate Program at the University of Toronto. After completing his BSc, DMD and MSc degrees at the University of British Columbia, Dr. Lam spent 2 years in private dental practice in Vancouver before enrolling at the University of Iowa where he completed specialty training in Oral and Maxillofacial Radiology and a PhD in Radiation Biology. Dr. Lam is a Diplomate of the American Board of Oral and Maxillofacial Radiology and a past-president of that organization, and a Fellow of the Royal College of Dentists of Canada in Oral and Maxillofacial Radiology and a past chief-examiner.

For more details, visit www.cde.utoronto.ca or to register call: 416-979-4902
TUITION* *(includes continental breakfast, lunch and breaks)*

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There may be an additional charge for the purchase of materials that are required to complete the hands-on component of this course.

Time
Registration: 8:30 am.
Course, Fri. & Sat: 9:00 am. to 5:00 pm.
3rd day: By appointment (to be determined)

* Register at the same time for 2 or more courses and receive a 10% discount on each course.

CANCELLATION POLICY: Two weeks prior to course date – 100% refund. One week prior to course date – 50% refund. There is no refund for cancellations after one week prior to course date.

DISCLAIMER: Dental education institutions have an obligation to disseminate new knowledge related to the dental practice. In so doing, some presentations may include controversial materials or commercial references. Sponsorship of a continuing dental education course by the University of Toronto Faculty of Dentistry does not necessarily imply endorsement of a particular philosophy, procedure, or product by this institution. The University of Toronto Faculty of Dentistry reserves the right to cancel this course due to circumstances beyond its control.

Check our website [http://www.cde.utoronto.ca](http://www.cde.utoronto.ca) for updates on new courses being offered.