### Have you asked yourself any of these questions?

"Why did the intra-surgical bone volume differ to my CBCT measurements?"

"Is there an apical lesion?"

"Does that molar have three or four roots?"

"Is the mandibular canal trapped between those roots?"

"Where is that MB2 canal?"

Masterclass session:

## **Limited Places!**

# Hands-On Advanced Interrogation of Cone Beam CT Scans

Interrogation of CBCT scans involves the manipulation of software to create the correct multiplanar reconstructions to appropriately evaluate the structures of interest

#### What you will learn (AM):

- Indications for prescribing Cone Beam CT vs. Other modalities
- What radiation doses are your patients receiving
- How to correctly view the data set with MPR
- > The difference between image interrogation and interpretation

#### Hands-on (PM):

- Identify the presence of periapical lesions
- > Determine the morphology and lengths of roots and the canals
- Correctly identify number of roots of an impacted tooth and its morphology
- Optimal interrogation of implant sites and identification of important adjacent anatomy
- Identify the periodontal bone levels and if there are bony furcation and perio/endo involvements?

#### **Presenters:**

#### **Clin Prof Bernard Koong**

BDSc, Msc (OMR), FICD, FADI, FPFA Oral and Maxillofacial Radiologist

#### **Dr Tom Huang**

BDsc, DClinDent (DMFR)
Oral and Maxillofacial Radiologist

These highly experienced presenters have collectively reported in excess of 80,000 CBCTs in addition to large volumes of Multislice CT and MRI scans

## SYDNEY CONVENTION AND EXHIBITION CENTRE SATURDAY 10TH FEBRUARY 2018

8am registration for 8.30am start. Concludes 4.30pm
Early Bird Registration (ends 10th December): \$690 (incl. GST)
Standard Registration: \$790 (incl. GST)

For more information and registration please go to

## www.maxwellhilledu.com.au









## **Presenters**

#### **Clin Prof Bernard Koong**

BDSc(W.Aust), MSc(OMR)(Toronto), FICD, FADI, FPFA Oral and Maxillofacial Radiologist

Bernard is a founding partner at Envision Medical Imaging, a multidisciplinary comprehensive private radiology group in Western Australia and also consults internationally.

He holds a Clinical Professor appointment at the University of Western Australia (UWA) and Clinical Associate Professor at The University of Sydney (USyd). He has a long history of teaching at various universities, including UWA, Usyd, The University of Hong Kong and Griffith University. It included the provision of the radiology course for the Masters Degree programme in implantology developed by Prof Klaus Lang. He also contributes to training the Western Australian radiology registrars of the Royal Australian and New Zealand College of Radiologists (RANZCR).

The only North American qualified oral and maxillofacial radiologist in Australia, Bernard completed his specialist training with the world renowned Professor Michael Pharoah at the University of Toronto, where he was the first oral and maxillofacial radiology (OMR) registrar to win the prestigious Harron Award and Scholarship. It included training at Mount Sinai Hospital, Toronto General Hospital and Princess Margaret Cancer Centre in Toronto.

As an invited speaker, Bernard has presented more than 100 lectures to the dental and medical professions across Australia and also in the USA, Canada, Malaysia, Singapore, Switzerland, Hong Kong (SAR, China) and New Zealand. He was Vice Chairman and member of the Scientific Committee of the 33<sup>rd</sup> ADA Congress.

Bernard is author of the recently published Atlas of Oral and Maxillofacial Radiology (Wiley-Blackwell 2017). He is also author of the radiology chapter of the 6th edition of Lindhe and Lang's Clinical Periodontology and Implant Dentistry (Wiley-Blackwell, 2015). He is a member of the Editorial Board of the Clinical Oral Implant Research journal.

#### Dr Tom Huang

BDSc (Hons I), DClinDent (DMFR) Oral and Maxillofacial Radiologist

Tom graduated from The University of Queensland with a Bachelor of Dental Science. After working in both the private and public dental sectors, he undertook a three year specialist training program at the University of Queensland and graduated with a Doctorate of Clinical Dentistry specialising in Dento-Maxillofacial Radiology. It included training at Royal Brisbane and Women's Hospital, private radiology practices and at the School of Dentistry.

Tom works in full time private specialised practices in Maxillofacial Radiology. He has held positions of visiting lecturer, clinical supervisor and external examiner at the University of Queensland, School of Dentistry and the University of Western Australia, School of Dentistry. Tom has also presented topics in radiology and radiography nationally and continues to have research interests in Cone Beam Volumetric Tomography. Tom currently consults at Envision Medical Imaging in Perth, Western Australia. He is also the Australian regional director for the IADMFR.

Tom has published papers in peer reviewed journals and is contributing author of the forthcoming publication, Atlas of Oral and Maxillofacial Radiology (Wiley-Blackwell, 2017).

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