



Royal Australasian College
of Dental Surgeons

Let knowledge conquer disease

**24th Convocation
20 September – 23 September 2018**

Masterclass details

Title	<i>Voxel Vision; Navigation and Interpretation of the Virtual Radiographic Patient</i>
Presenter	Professor William C. Scarfe BDS MS FRACDS University of Louisville School of Dentistry
Precis	Interpretation of the entire CBCT volumetric image dataset is the professional duty of a practitioner who operates a CBCT unit or requests a specific CBCT study. The interpretive process demands advanced knowledge of maxillofacial anatomy, an understanding of anatomic variations, recognition of abnormalities and an appreciation of notable incidental findings. A thorough review of the virtual radiographic patient can only be achieved by a systematic approach. This presentation will use specific cases to demonstrate the fundamental concepts and mechanics of CBCT navigation using various software and provide guidelines on which to generate interpretation reports using “voxel vision”.
By the end of this masterclass participants will:	<ul style="list-style-type: none">• Appreciate the underlying professional responsibilities associated with the interpretation of volumetric dataset.• Be familiar with the use of dental imaging software in CBCT interpretation.• Comprehend the systematic mechanics of interpreting 3D volumetric images towards Voxel Vision.• Be aware of and appreciate the significance of common incidental findings in CBCT imaging.