

# 5<sup>th</sup> Australasian Dental Cone Beam Symposium

## CBCT Changes Everything: 3D Driven Success



9<sup>th</sup> - 10<sup>th</sup> August 2019, Hamilton Island, Whitsundays

### SPEAKERS



**Clin Prof Bernard Koong**

BDS (W.Aust), MSc (OMR)  
(Toronto), FICD, FADI, FPFA



**Dr Philip Tan**

BDS, Grad Dip Clin Dent, MSD,  
Grad Cert Pros, FPFA, MRACDS



**Dr Oliver Pope**

BDS (Hons), DCD (Endo)



**Dr Helen L. Cornwell**

BDS, MDS, FRACDS

Register Before 30<sup>th</sup> April 2019 and SAVE \$200

Registration includes Complimentary 3D Software User Group Workshop



14 CPD  
HOURS

# SPEAKERS



**Clin Prof Bernard Koong** - BDS (W.Aust), MSc (OMR) (Toronto), FICD, FADI, FPFA

Clinical Professor Bernard Koong is a highly experienced and internationally respected oral and maxillofacial radiologist and is one of the founding partners of Envision Medical Imaging. He is author of the Atlas of Oral and Maxillofacial Radiology (2017), published by one of the world's most respected medical, scientific and scholarly publishers, Wiley-Blackwell. He is the President of the Australian Academy of Dento-maxillofacial Radiology.

He is Clinical Professor at The University of Western Australia (UWA) and Clinical Associate Professor at The University of Sydney (USyd). He has a long history of teaching oral and maxillofacial radiology at several 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 the internationally renowned Prof Klaus Lang. He also contributes to training the Western Australian radiology registrars of the Royal Australian and New Zealand College of Radiologists (RANZCR).

As an invited speaker, Bernard has presented more than 100 lectures to the dental and medical professions across Australia, USA, Canada, Malaysia, Singapore, Switzerland, Hong Kong (SAR, China) and New Zealand.



**Dr Philip Tan** - BDS, Grad Dip Clin Dent, MSD, Grad Cert Pros, FPFA, MRACDS

Dr Philip Tan, is a registered specialist prosthodontist from Melbourne, Australia. He completed his undergraduate education at the University of Melbourne before embarking on specialist prosthodontic training at the University of Iowa. Philip shares his time between his Cheltenham and Mornington practices and enjoys providing all aspects of prosthodontic care.

Philip is a passionate exponent of digital dentistry and lectures throughout Australia and internationally on the topic. His expertise and attention to detail is well recognised throughout the international dental community with multinational dental manufacturers seeking his knowledge to help shape the future of prosthodontics around the globe. Philip is always willing to share his experience and receives much gratification from being part of the changing face of our dental environment.



**Dr Helen L Cornwell** - BDS, MDS, FRACDS

Dr Helen Cornwell graduated from dentistry from the University of Adelaide in 1995. She then worked in rural and remote areas of Australia including Kangaroo Island and far-western Victoria. During this time she became interested in improving the management of the oral health of children. In 1999 Helen completed her specialist paediatric training at the University of Melbourne and Royal Childrens' Hospital.

In 2004 Helen returned to her hometown of Newcastle to join the John Hunter Children's Hospital as part of the Cleft Palate Team as well as commencing private practice and teaching at the University of Newcastle. It was as a part of the cleft team that Helen first became interested in the use of CBCT in paediatrics. Initially developing novel ways of using surgical planning images for diagnosis of dental caries and other pathology, Helen now integrates CBCT technology into diagnosis and treatment planning across her busy practice.



**Dr Oliver Pope** - BDS (Hons), DCD (Endo)

Dr Oliver Pope completed his BDS at the University of Queensland with first class honours. Following several years as a Dental Officer in the Royal Australian Navy he completed his Doctorate of Clinical Dentistry in Endodontics at the University of Melbourne. Oliver was awarded the inaugural Ephraim Ehrmann Prize in Endodontics for best overall performance in the degree. Oliver's research into the clinical applications of CBCT has been published in the Journal of Endodontics. Oliver is in full-time private practice in Melbourne CBD. Oliver is a member of the Australian and New Zealand Academy of Endodontists and Federal Committee member of the Australian Society of Endodontics. Oliver maintains an active role in the provision of continued professional development to dentists around Australia

# AGENDA

**FRIDAY 9<sup>th</sup> AUGUST - 8.30AM - 5.00PM**

## **Contemporary radiological techniques in Dentistry: When and which one do I prescribe? – Clin Prof Bernard Koong**

The available diagnostic imaging modalities, including OPG & periodical radiography, multislice and cone beam CT, MRI, ultrasound and nuclear medicine and PET will be reviewed. The strengths and weaknesses will be discussed including the associated radiation doses delivered. Multiple cases will be used to highlight the prescription of the optimal test for the various conditions affecting the orofacial structures.

## **CBCT use in the Paediatric Population - Dr Helen Cornwell**

Use of Cone Beam CT in the paediatric population for diagnosis and treatment planning is well accepted within the maxilla-facial surgical field. In the broader practise of paediatric dentistry it is an exceptionally worthwhile tool. Dental disease in the paediatric population is a significant health issue in Australia and the most catastrophic trauma frequently occurs in the growing child. It is therefore important to consider all available diagnostic tools.

It is, however also incumbent upon oral health professionals to consider all risks and benefits of diagnostic tools as well as potential treatment and the modalities of such treatment for our patients. The minimisation of radiation exposure is certainly part of this. This presentation aims to describe and discuss the use of CBCT for the paediatric population for diagnosis of caries, impacted, dilacerated and other anomalies and pathology. It will also illustrate the advantages of CBCT in the assessment and management of dento-alveolar trauma as well as planning for the loss of a permanent tooth in the growing child.

## **Benefits and pitfalls: CBCT in endodontics - Dr Oliver Pope**

CBCT is an invaluable tool in the practice of contemporary endodontics. Like any tool, its correct use is essential to optimising patient outcomes. This case-based presentation will explore the benefits, indications and pit-falls of CBCT use in endodontics.

## **Radiologic interpretation: The principles – Clin Prof Bernard Koong**

The principles of radiologic interpretation will be introduced using multiple cases. The responsibilities associated with interpretation of radiological studies will also be discussed, including the differences between image interrogation and interpretation.

## **Radiologic interpretation of dentoalveolar lesions: An application of the principles – Clin Prof Bernard Koong**

The principles of interpretation will be applied to dentoalveolar lesions. While most of these lesions are inflammatory in nature, many other conditions also involve these structures and the radiological appearances can mimic those of inflammatory lesions. Misinterpretation can lead to incorrect and delayed treatments. Multiple cases will be used to demonstrate the key radiologic features of inflammatory lesions in contrast to those of other conditions, including malignancies.

**6:30pm: Drinks & Canapes - Join your colleagues for a glass of bubbly and a chat!**

**SATURDAY 10<sup>th</sup> AUGUST - 8.30AM - 1.00PM**

## **Solutions for the Edentulous Dilemma – Dr Philip Tan**

Dr Philip Tan will explore the changing face of treatment protocols for the partially and fully edentulous patient using the latest in digital technologies. This empowering lecture, presented with a realistic understanding of the challenges, invites a new standard for implant treatment planning and protocols. Philip will test the conventional approach and encourage you to offer more for your patients, improve your clinical outcomes and confidently use digital technology in your everyday practice.

## **Interrogation of CBCT scans – Clin Prof Bernard Koong**

The way in which a volumetric examination is interrogated is another critical aspect of diagnostic imaging. A method of interrogating dentoalveolar CBCT scans will be introduced. Multiple cases will be shown to demonstrate the appropriate use of multiplanar reformatted images.

## **Imaging the orofacial structures and upper airway in Dental Sleep Medicine - Clin Prof Bernard Koong**

An evidence based review of diagnostic imaging of the upper airway and relevant maxillofacial structures in relation to upper airway resistance will be presented.

# Complimentary 3D Software User Group Workshop\*

**SATURDAY 10<sup>th</sup> AUGUST - 1PM - 5PM**

Wanting to get more out of your machine and its accompanying software? Join us for a hands on 3D User group workshop where you will learn from factory applications specialists about the latest software features, be shown some of the more advanced tools and look at useful ways to help make your treatment planning easier and save you time.

If you own an iCAT, Instrumentarium, Kavo, Planmeca or Morita CBCT machine and would like to attend the Complimentary 3D User Group Workshop, please select the appropriate workshop when you register online.

- iCAT / Instrumentarium / Kavo - Invivo / TxStudio workshop
- Planmeca - Romexis workshop
- Morita - iDixel workshop

\*Owners of other brands of CBCT are welcome to join workshops.



## Reef View Hotel

Coral Sea Room



## Endeavour Room

Beachside Conference Room



## Beachside BBQ

Join us for a relaxed beach BBQ  
Friday from 6.30pm - 9.30pm  
Attendance optional

## ACCOMMODATION

Reef View Hotel, Hamilton Island  
Rooms starting from \$310.00 per night.

For the Henry Schein "Conference Rates" booking link please contact Trudy Nielson on:

Email: [trudy@bodylogicaustralia.com.au](mailto:trudy@bodylogicaustralia.com.au)

Phone: 07 5562 0355

## REGISTRATION

### Cost:

Register before 30 April	\$1190
Register after 30 April	\$1390
Auxiliary Staff	\$450

### Registration Enquiries :

1300 30 24 21 | [events@henryschein.com.au](mailto:events@henryschein.com.au)

### Register Online:

[www.henryschein.com.au/education](http://www.henryschein.com.au/education)

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