



BRIDGING THE GAP

e-News | July 2018

SUCCESS — WITH — ZIRCONIA

New material developments see the need to revise the methods used in order to guarantee long term restoration success. Reliable cementation of restorations represents one of the most sensitive and crucial tasks in the process of prosthetic treatments. Errors made during the cementation process could affect aesthetic results or reduce the fixed stability of the restoration.

The primary resistance and retention form of the tooth preparation, are also key contributors responsible for long-term success. Tooth reduction for zirconia-based crowns is less than that required for PFM or traditional all-ceramic crowns. The reasons are that zirconia is very strong and no opaque layer is required. Uniform reduction results in optimum strength and leads to better aesthetics. Smooth edges result in lower stress, lower stress decreases potential for future fracturing.

When considering bonding zirconia restorations to a tooth or tooth preparation, conventional methods applied to bonding of silica-based ceramics are not successful. You cannot acid etch and silanate the bonding surface as you can with lithium disilicate or other glass ceramic restorations. This is because zirconia is inert and without glassy matrix on which those substances act.

Products have been developed that increase the bond of resin cements to zirconia. Data from outcome studies have confirmed that combining airborne particle abrasion (50micron Al₂O₃) and resin composites containing 10-methacryloyloxydecyl dihydrogen phosphate (MDP) monomer, achieve a durable bond of zirconia to a prepared tooth.

As methods and materials continue to evolve and develop it is critical to ensure technicians and clinicians follow manufacturer recommendations and use complimentary products according to instructions. Some materials are specifically designed for complimentary use with certain other products, failure to follow these recommendations can also lead to poor or less than optimal results. Success with anything new means adapting to the new methods and techniques required for using these products.





☆ PROMOTION ☆

10% OFF

ALL DENTURES FOR THE MONTH OF JULY

*Does not include sundry items, like repairs, relines, trays, bites etc.

WORD OF MOUTH

A STUDY CLUB BY



WORD OF MOUTH

A STUDY CLUB BY



2 HOURS CPD

This complimentary event is strictly limited to 50 attendees.

Word of Mouth is Digident Laboratory's commitment to actively contribute and provide further education to the Dental industry in Western Australia.

REGISTER NOW AT:

<https://wom0818.eventbrite.com.au>

SPEAKERS



Clin A/Prof Glen Liddelow

Implant Aesthetics

Dr Liddelow completed a Bachelor of Dental Science and a Master of Dental Science from the University of Western Australia and a Doctorate in Clinical Dentistry (Prosthodontics) from the University of Sydney. He is a Member and Fellow of the Royal Australasian College of Dental Surgeons, a Fellow of the Pierre Fauchard Academy and a Fellow of the International College of Dentists. Dr Liddelow is a prosthodontist primarily concerned with both the surgical and prosthetic aspects of implant dentistry and is the Director for The Branemark Center Perth.

He is a Clinical Associate Professor at the University of Western Australia, a consultant prosthodontist at Princess Margaret Hospital and an examiner for the Academy of Australian and New Zealand Prosthodontists. He is a current faculty member of gIDE (Global Institute for Dental Education, Loma Linda University, California) and a reviewer for the Australian Dental Journal. His research and publications include immediate loading, surface technology, implant aesthetics and treatment of advanced bone resorption.



Dr Justin Wong

Practical Paediatric Dentistry

Dr Justin Wong is a registered Paediatric Dental Specialist. He completed his Bachelor of Dental Science at the University of Western Australia. Following this he practised as a general dentist for five years. He received his Doctorate at The University of Melbourne 2010, trained at the Royal Dental Hospital of Melbourne and the Royal Children's Hospital of Melbourne.

Dr Justin currently holds the current positions:
Private paediatric dental practice in Claremont
Consultant Paediatric Dentist – Perth Children's Hospital
Paediatric representative of the Dental Specialist Society of WA

He is a member of the:
Australasian Academy of Paediatric Dentistry
Australian and New Zealand Society of Paediatric Dentistry
American Academy of Paediatric Dentistry
European Academy of Paediatric Dentistry

DATE —
8th August 2018

VENUE —
UWA University Club

TIME —
6pm Registration and Canapes
7pm Lectures Commence



WEBINARS IN ORAL MEDICINE

SPONSORED BY



DIGIDENT
Laboratory

DR JACINTA VU

31st JULY 2018

6pm - 7pm

TMJ Arthritis

CLICK HERE TO REGISTER!

**Each live webinar is one hour of complimentary CPD
presented by Oral Medicine Specialists and other experts.**

UPCOMING WEBINARS

Dr. Anastasia Georgiou	6pm - 7pm	8th August	Paediatric Oral Medicine
Prof. Camile Farah	6pm - 7pm	10th October	A Sober Discussion on Alcohol Mouthwashes & Oral Cancer

**UPDATES & UPCOMING EVENTS WILL BE
POSTED IN THE PERTH ORAL MEDICINE
STUDY CLUB'S FACEBOOK PAGE**
www.facebook.com/groups/pomdsstudyclub/





PERTH ORAL MEDICINE &
DENTAL SLEEP CENTRE

HOT TOPICS IN ORAL MEDICINE

The 4th Annual 'Hot Topics In Oral Medicine' hosted by Perth Oral Medicine and Dental Sleep Centre was held on 26th June at Crown Perth

Digident Laboratory has once again supported this event by sponsoring a fantastic door prize - a trip for 2 to cruise in the South Pacific. Our sincere congratulations to the lucky winner, we hope that you have an enjoyable trip!

'Hot Topics In Oral Medicine' has once more proven to be a fantastic opportunity to learn from some of the leading specialists our country has to offer. With Professor Camile Farah, Dr Jacinta Vu, Dr Sarah Chaw and Clinical Associate Professor Ramesh Balasubramaniam speaking on the night, attendees were treated to a great range of interesting topics, relevant to clinical practice.

Digident Laboratory was lucky enough to have a display table to show off the range of restorations and appliances that our skilled technical staff are capable of manufacturing. This year we also proudly showcased our Digident Laboratory App to dental colleagues. This app has been a work in progress for quite some time and we were able to show how simple ordering and interacting with a lab can be moving into the digital age.

Digident Laboratory would like to thank Perth Oral Medicine and Dental Sleep Centre for allowing us to sponsor this year's event. We definitely look forward to continuing our support next year.



Did You Know?

**Zirconium Oxide
was first used for
medical purposes in
1969 as a new
material in
orthopaedic for hip
head replacement
instead of titanium.**



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