

# CAPP Training Institute hosted 20 days of hands-on training

By Dental Tribune / CAPPmea

**DUBAI, UAE:** CAPP-Tipton Dental Academy and the British Academy of Restorative Dentistry (BARD) Diploma programmes were accommodated by the CAPP Training Institute in Dubai. Firstly, Module 1 of the Clinical Endodontics Certificate & Diploma programme with faculty lead Prof. James Prichard, UK took place between 20-23 April. In May, during 14 consecutive days Groups 1 and 2 completed Module 4 and 5 of the Restorative & Aesthetic Certificate & Diploma programme with faculty lead Prof. Paul Tipton, UK.

Clinical Endodontics Diploma Module 1 covered "Fundamentals of Contemporary Endodontics" which included "Understanding of Instrument Design and Its Effect on Prevention of Iatrogenic Errors" and a hands-on training on "Hand Filing and Lateral Compaction Techniques" using microscopes. The 24 delegates coming from Bahrain, Hong Kong, India, Iran, Iraq, Oman, Pakistan, Saudi Arabia, Qatar and UAE received CME via the accreditation of Health Authority Abu Dhabi (HAAD) of 30.25 CME, Dubai Health Authority (DHA) of 21.75 CME and American Dental Association (ADA C.E.R.P.) of 28 CE Credits. The second module is scheduled for 27-30 July when the delegates will be taught "Aetiology and Diagnosis of Endodontic Disease" with hands-on "Rotary NiTi and Thermoplastic Obturation Techniques." The third module is scheduled for 12-15 October 2017 when the delegates will be taught "Traumatic Injury, Pain and its Management which will include "Emergency Endodontics and Diagnosis in Depth, Odontogenic and Non-Odontogenic Pain, Diagnosis and Management" and a hands-on training on "Rotary Niti and Advanced Thermoplastic Obturation Techniques". After Module 3, delegates will be graduating from Year 1 Certificate. Participants then have the opportunity to continue to Year 2 where they can obtain a Diploma in Clinical Endodontics issued by BARD and also serving as a pathway to Masters in Clinical Dentistry (MclinDent) Endodontology with City of London Dental School and BPP University.

The next events in the CAPP Training Institute were Module 4 and 5 for both groups doing the Restorative & Aesthetic Certificate & Diploma programme took place between 03-16 May. Topics covered were "Adhesion Composites & Anterior Composite Restorations, Composite Veneers, Posterior Composites, Porcelain Inlays and Onlays, Gold Preps, Minimally Invasive Veneer Preparations and Emax & Zirconia Anterior Restorations". The delegates practiced on the Phantom Heads various techniques which were observed by Prof. Tipton and five dental trainers from the BARD support staff. Module 4 concluded the Certificate Levels of the programme and the participants have now officially entered in the Diploma level. The next module is scheduled from 27 to 30 September and will be on "Modern Post and Core Techniques and Occlusal Examination" with Prof. Paul Tipton and "Aesthetic Perio Connective Tissue Grafting" with Prof. Crawford Bain.

The organisers have now officially opened registrations for dental profes-

sionals willing to start the programme in October 2017 (group 3).

For more information about the programmes visit: Restorative & Aesthetic Dentistry Diploma starting on 05 October 2017 ([www.cappmea.com/capptipton](http://www.cappmea.com/capptipton)) and Clinical Endodontics Diploma starting in February 2018 ([www.cappmea.com/endo](http://www.cappmea.com/endo)). [DTR](#)



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**DUBAI, UAE**

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# Indian walnut fruit beneficial in preventing periodontitis

By DTI

**SEOUL, South Korea:** Ethanol extracts of the fruit of the Terminalia chebula tree, commonly known as Indian walnut, may be an effective means to prevent oral inflammation and bone resorption, new findings of a South Korean study have suggested.

T. chebula is a plant found throughout South East Asia. The properties of various extracts of its fruit have been widely studied and include antioxidant, antibacterial, anti-fungal and antiviral effects. Consequently, T. chebula is one of the most commonly used plants in traditional medicines on the Indian subcontinent.

In the study, the researchers investigated the effect of an ethanol extract of T. chebula in the treatment and prevention of periodontal disease. The antibacterial effect was analysed using the disc diffusion method, and the anti-inflammatory effect was determined by molecular biological analysis of cultured cells mediated by bacteria associ-

ated with dental plaque formation. In addition, the prevention of osteoclastic bone resorption by the plant extract was explored using osteoclast formation and pit formation assays.

The findings showed that the plant extract suppressed the growth of harmful oral bacteria and re-

duced the induction of inflammatory cytokines and proteases while not showing cytotoxic effects. Moreover, it inhibited osteoclast formation in osteoclast precursors, thereby contributing to the prevention of bone resorption, the researchers found.

In light of the findings, ethanol extracts of T. chebula may be an effective botanical chemopreventive agent that can modulate bacteria-induced inflammatory factors involved in gingivitis and periodontitis, the researchers concluded. However, further studies are needed to isolate and identify the beneficial chemical constituents in the extract that could be exploited for pharmaceutical use, such as in mouthwash and other oral hygiene products.

The study, titled "Use of ethanol extracts of Terminalia chebula to prevent periodontal disease induced by dental plaque bacteria", was published on 16 February in the BMC Complementary and Alternative Medicine journal. [DT](#)



Owing to its various health-promoting properties, Terminalia chebula is called the "King of Medicine" in Tibet. Researchers have now assessed the plant's use in the prevention of periodontitis. (Photograph: POONG PEED/Shutterstock)

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# Postgraduate dental education from King's College London – now establishing Dubai cohort



Dr Fariha Hussain of King's College London is Deputy Programme Director for the Fixed & Removable Prosthodontics MClintDent programme

## By King's College London

Ranked 1st in Europe and 4th globally for dentistry (QS World University rankings 2017), the Dental Institute at King's offers high-intensity postgraduate education, to bring students to the forefront of their field, whether undertaking specialist training or enhancing skills via blended learning.

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In addition to on-campus study, King's delivers dental education and training to students from over 50 countries via six distance learning master's programmes. Designed to meet the professional development needs of practitioners, all include face-to-face training blocks for hands-on experience in a traditional teaching environment and interaction with peers and expert teachers.

One of these, the popular Fixed & Removable Prosthodontics MClintDent programme, ran a pilot face-to-face training block for the first time in Dubai in February 2017 at the state-of-the-art 3M Innovation Center, led by Professor Brian Millar. Students from around the region took the opportunity to learn and practice contemporary clinical techniques at the world-class facility and will be returning for their second year in February 2018. Building on the success of this pilot, applications are now being accepted for a new cohort for 2018 entry who will also be able to choose Dubai as their preferred location for face-to-face training.

Dr Fariha Hussain explained 'In response to the international mix of our students and growing demand, we identified Dubai as an important centre to hold our training, giving students more convenience and flexibility.'

Another blended learning programme, the consistently popular Aesthetic Dentistry MSc, is continuing to run its face-to-face training in London. Programme directors, Dr Subir Banerji and Dr Shamir Mehta have just released a new book: Practical Procedures in Aesthetic Dentistry (Wiley-Blackwell ISBN: 978-1-119-03298-4) which presents a collection of videos demonstrating clinical techniques in aesthetic and restorative dentistry, accompanied by a handbook summarising the key points of each procedure.

For more information on all King's blended learning programmes, please visit [kcl.ac.uk/distancedentistry](http://kcl.ac.uk/distancedentistry)

[www.celtra-dentsplysirona.com](http://www.celtra-dentsplysirona.com)



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