

Upcoming Webinar

1
HOUR
CPD POINT



Dr Bekir Karabucak Forgotten Art of Vital Pulp Therapy

Friday August 13 2021, 6pm
\$50+gst

Traditionally, mature permanent teeth clinically diagnosed with irreversible pulpitis are treated with complete root canal therapy (RCT). However, recent studies have showed that mature permanent teeth with irreversible pulpitis could be successfully treated with vital pulp therapy (VPT). Complete RCT compared to VPT has following disadvantages: weakening of the teeth by removing tooth structure to accommodate root canal filling; higher prevalence of root fracture; poorer survival rate; prone to carious attack; and loss of apical healthy pulp to prevent development of apical periodontitis. In VPT, correct diagnosis of a pulp disease is important. Diagnosis of a pulp disease based on the patient's subjective symptoms and objective clinical examination is a challenge. Control of pulp infection and bacteria-tight seal of pulp wound with capping materials with good coronal restoration are keys to the success. VPT of mature permanent teeth with irreversible pulpitis can be an option - rather than complete RCT.

Learning objectives

- Describe the definition of irreversible pulpitis.
- Discuss pulp infection and pulp inflammation.
- Perform a vital pulp therapy.

Speaker Bio

Dr. Karabucak is Chair, Professor of Endodontics, and Director of the Postdoctoral Endodontics Program. He is involved with endodontic courses/seminars in pre- and postdoctoral programs. He also runs selective microscope training courses for predoctoral students.

After earning his dental degree from Istanbul University School of Dental Medicine in 1993, Dr. Karabucak completed his endodontic postgraduate training at the Department of Endodontics at Penn Dental Medicine in 1998, where he also received his Masters in Oral Biology in 2002. He also earned his DMD degree from Penn Dental Medicine in 2002. His research interests include the cellular mechanisms of vasodilation and the inflammatory mediators in the dental pulp.

Dr. Karabucak has been the attending endodontist at the Children's Hospital of Philadelphia since 2005 and is a Diplomate of the American Board of Endodontics. Additionally, he has lectured at national and international conferences and also serves as a reviewer for the Journal of Endodontics.



Steve Shepherd
International Endodontic
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