

Irrigation in endodontic therapy

Abstract

Fundamental goal of endodontic treatment is to chemo-mechanically minimizing microorganisms, inactivating their by-products, and sealing the canal space to prevent future recontamination. Irrigation is an integral part of the root canal treatment procedure. Ideally, root canal irrigants should be able to dissolve organic and inorganic tissues, have antimicrobial activity, act as lubricant with low surface tension. Also, it should be non-toxic and biocompatible and facilitate dentin removal but not weaken the tooth structure. It is important to understand that irrigation also plays important role in the areas of the root canal wall not touched by mechanical instrumentation. Different endodontic irrigants with various means of delivery, from traditional syringe-needle delivery to various machine-driven systems, including sonic or ultrasonic energy will be discussed in this webinar.

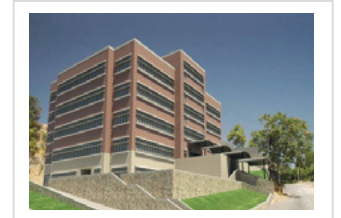


Homan Javaheri

Practice limited to Endodontics,
Sacramento, USA

Biography

Homan Javaheri, began his dental career in Tehran, Iran at the Shahid Beheshti University Dental School where he earned his DDS in 2003. He later attended Boston University Henry M. Goldman School of Dental Medicine where he earned his DMD and graduated with Honors. He attended the University Of Connecticut School Of Dental Medicine to complete specialty training in Endodontics where he received both a Master of Dental Science (MDS) and a Certificate in Endodontics in 2018. He published several articles in scientific and clinical journals and has been in full-time private practice limited to Endodontics in Sacramento, CA since 2018.



[6th World Congress on Dentistry and Dental Materials](#) | August 26-27, 2020

Citation: Homan Javaheri, Irrigation in endodontic therapy, World Dental 2020, 6th World Congress on Dentistry and Dental Materials, August 26-27, 2020, 04.