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Zurich, Switzerland**Endodontic irrigation solutions****Ahmad Mohammad Saeed Hammad**

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The goal of endodontic treatment is to remove all the vital and necrotic tissues, microorganisms and microbial byproducts from root canal system. This goal can be achieved through chemical and mechanical debridement of root canals. This article narrates the specifics and requirements of the irrigation solutions. Sodium hypochlorite is proposed as the primary irrigant by virtue of its organic tissue dissolution capacity and broad antimicrobial properties. On the other hand, chelation solutions are recommended as auxiliary solutions to remove

the smear layer or to hinder its formation on dentin surface. Thus, it's hoped that sealers and root canal fillers can penetrate to dentin tubules and obturate the canals hermetically. There are new studies on traditional irrigants especially on some irrigants that can replace sodium hypochlorite. This article reviews the new irrigants which can be used in future endodontic practice, and their advantages and limitations. Moreover, actions and interactions of recently used irrigants are adverted.

**Biography**

Ahmad Mohammad Said Hammad is working as a dentist at Aburrub Dental Clinic, Jordan. He has completed his bachelor's degree in oral and dental medicine and surgery in the year of 2015. He has attended many scientific conferences and gets certified.

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