



## The effect of mechanical instrumentation on dentin surface

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### Abstract:

**Introduction:** Preparation and disinfection of the root canal aims to remove organic and inorganic tissue from within the root canal, reduce the number of microorganisms, neutralize endotoxins inside the dentin, and prepare the root canal for proper obturation. These aims can be achieved in many cases to a degree that promises a high chance of success through a combination of mechanical preparation and chemical disinfection.

**Results and Conclusions:** Preparation and disinfection both physically and chemically act on the lumen of the root canal itself, trying to remove as much infected material as possible, but also act on the surrounding dentin and all of its components including the dentinal tubules.

### Biography:

Mahmoud Badr has completed his Masters degree and



PhD from Ain Shams University, Egypt. He is the Director of basic and advanced endodontic courses in Arab Society for continuous dental education in Egypt. Also, The Clinical supervisor of Endodontics, Restorative master program of Dundee University in Egypt. He is the Director of "The KnowHow in Endodontics" course that is held 3 times per year for one month and sponsored by Dentsply. He is the Owner of The Dental Lounge, prestigious dental center, Cairo, Egypt.

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