

Special Issue on
Novel Chemodebridement Methods

CALL FOR PAPERS

Bacteria and their by-products are the primary cause of pulpal and periapical diseases. In infected root canal, the bacteria invade and colonize the entire root canal system. The success of root canal therapy depends on the removal of microorganisms from the root canal system and prevention of reinfection. Eradication of these microorganisms is accomplished by a combination of mechanical instrumentation, irrigating solutions, and use of intracanal medicaments. To date, there has been no cleaning and shaping protocol, irrigating agents, or intracanal medicaments capable of eliminating the entire bacterial load from the root canal system. The limitations of our current technologies have led to the quest for more efficient instrumentation techniques, irrigating agents, and intracanal medicaments to improve the debridement of the root canal system.

We invite investigators to contribute original research articles as well as review articles on new biomaterials for mechanical instrumentation techniques, novel root canal irrigants, and intracanal medicaments.

Potential topics include but are not limited to the following:

- ▶ Novel root canal irrigants for smear layer removal
- ▶ Novel antimicrobial irrigating solutions
- ▶ Novel irrigating techniques
- ▶ Novel antimicrobial intracanal medicaments
- ▶ Novel root canal instruments/techniques for elimination of root canal microorganisms

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/biomaterials/ncdm/>.

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First Round of Reviews

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