

RECENT IRRIGATING SOLUTIONS AND SYSTEMS IN PEDIATRIC DENTISTRY: A REVIEW

Sana Farooq¹, Nazia Lone² & Mohsin Sidiq³

¹Tutor, MDS, Department of Pedodontics and Preventive Dentistry, Government Dental College, Srinagar, India

²Professor, Department of Pedodontics and Preventive Dentistry, Government Dental College, Srinagar, India

³Lecturer, Department of Pedodontics and Preventive Dentistry, Government Dental College, Srinagar, India

ABSTRACT

Incomplete elimination of bacteria mostly during a cleaning and shaping of the root canal system is due to the complexity of the root canal system and the formation of smear layer during instrumentation. The desired functions of irrigating solutions is the washing action to remove debris, reduce instrument friction by acting as a lubricant, facilitate dentinal removal by dissolving inorganic tissues, penetrate to the canal periphery and dissolves organic matter and kills the bacteria and yeast, doesn't weaken the tooth structure and is non irritating to the periapical tissue. Research is still going on to scientifically validate an irrigant solution with ideal characteristics.

KEYWORDS: Irrigation, Lubricant, Bacteria

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