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Diagnosis and treatment of a mandibular second premolar with three canals

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Detailed knowledge of root canal anatomy and awareness of the configuration of the pulp canal are essential when practicing root canal therapy. There are evident indications that root canal morphology is almost limitless in its variability. The unusual number of canals should always be expected in various teeth. Untreated root canals may cause failure of the treatment. Mandibular second premolars are known to have a single canal. The incidence of their having two or three canals was reported to vary from 0 to 34.3%. Case reports describing four canals in mandibular second premolar have been occasionally recorded according to El-Deeb the mandibular premolars may show wide variation in their root canal anatomy. Thus, the recognition of a typical anatomy is important even though it is not usually encountered. A case report is presented that deals with the successful treatment of a mandibular second premolar with three canals.

Biography

Hussien Alattas is a Vice Dean, Professor and Head of Dental Restorative, College of Dentistry, Najran University, Saudi Arabia. He has published several papers in reputed international journals. He participated as a speaker in several international dental conferences.

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