

Various Anatomic Configurations Encountered in Palatal Root Canals of Maxillary Molars – Clinical and Radiographic Study

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Abstract:

Aim: to investigate the various anatomic configurations encountered clinically in the palatal root canals of maxillary molars.

Methodology: conventional endodontic treatment was conducted on 85 cases of maxillary first and second molars and the frequency of occurrence of double palatal canals and their types was recorded.

Results and conclusions: 6% of the clinically treated maxillary molars were found to possess two canals in their palatal roots. Three types of palatal canals' configuration were illustrated. An awareness of this anatomic variation is important from both diagnostic and treatment standpoints in order to reduce this possible cause of otherwise unexplained failures.