

# Extra canal in the mesial root of mandibular first molar: A case report

**Dr. Avinash Salgar\***  
**Dr. Dolly Rathod\***  
**Dr. Gaurav Poplai\***  
**Dr. Snehal Sonarkar\*\***

## Abstract

Several cases of unusual anatomy of mandibular molars have been reported. Missed root canals are a major reason for failure of endodontic therapy. Left untreated, mid-mesial canals could be a reason for failure of root canal treatment in lower molars. Knowledge of the anatomy of the root canal system, use of technological advances like CBCT scans, and surgical operating microscopes will help in the diagnosis of a mid-mesial canal. This case reports a rare anatomical configuration of a mandibular first molar which shows the presence of three separate canals in the mesial root. (**Terna**

**J Dent Sci 2013; 1:89-92.**)

\*Lecturer, Department of Conservative Dentistry & Endodontics, Terna Dental College, Nerul, Navi Mumbai.

\*Ex-Post Graduate student, Department of Conservative Dentistry & Endodontics, Terna Dental College, Nerul, Navi Mumbai.

Keywords: Mandibular first molar, middle mesial canals, missed canals, root canal anatomy