**Table 1:** Variation reported in distobuccal roots and root canals in human permanent maxillary second molars.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Author, year** | **Gender** | **Ethnicity** | **No. of roots** | **No. of canals** | **Canals present** |
| Kottoor J *et al.,* 20108 | Male | Not mentioned | 5 | 5 | MB1, MB2, DB, DP, MP |
| Ahmad Fahid  *et al.*, 198810 | Male | British | 4 | 4 | MB, DB1, DB2, L |
| Mitthra Suresh  *et al.*, 201711 | Female | Not mentioned | 1 | 6 | 3MB,2DB,1P |
| Chang Zeng  *et al.*, 201612 | Female | Chinese | 4 | 5 | MB1, MB2, DB1, DB2, P |
| Osvaldo Zmener  *et al.*, 199813 | Male | Not mentioned | 4 | 4 | 3B,1P |

MB: Mesiobuccal, DB: Distobuccal, DP: Distopalatal, MP: Mesiopalatal, L: Lingual, P: Palatal, B: Buccal.