

Supplementary Figure S1 Example radiographs illustrating representative preoperative radiographic categories of apical periodontitis and root resorption in the mandibular second molars.

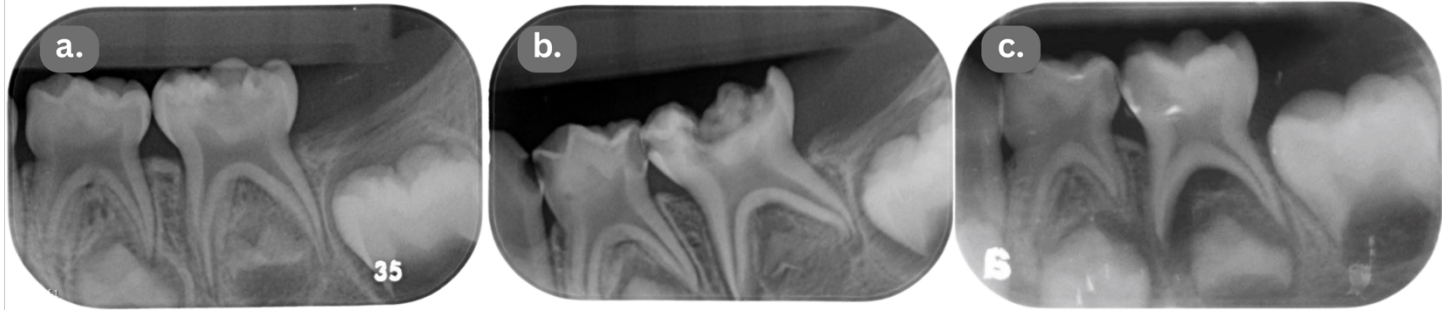


Figure S3 Example radiographs illustrating representative preoperative radiographic categories of apical periodontitis and root resorption in the mandibular second molars. (a) Early with early radiographic change compatible with loss of lamina dura and no obvious pathological root resorption, (b) furcation radiolucency and limited pathological root resorption involving less than one-third of the root length, and (c) advanced periradicular radiolucency and pathological root resorption involving approximately one-third to two-thirds of the root length.