Tenderness on #27

This 78 year old female reported with a chief complaint of a broken filling and tenderness to bite on tooth #27. Examination and testing confirmed the patient’s symptoms and led to a diagnosis for #27 as pulpal necrosis with AECAP. Endodontic treatment was recommended and completed in this initial visit. Pre-operative radiographs demonstrated both apical and lateral radiolucencies with a sudden narrowing of visible canal space at mid-root, indicating the likelihood of a second canal or lateral accessory system. Upon access and instrumentation a secondary canal system was located and endodontically sealed, leading to the site of the lateral “lesion”. This case demonstrates how proper pre-operative assessment can assist in achieving complete and excellent results.