

## Epiphany® Case of the Month

**Epiphany case description and radiographs courtesy of Guy Moorman, Jr. DDS Douglas, GA**



**Pre-Op**

A 58 year old patient presented with pain upon occlusion in the area of teeth #30 and #31. The periapical film showed previous root canal treatments with apical radiolucencies. Tooth #31 showed a marked tenderness to percussion while tooth #30 was asymptomatic.



**Post-Op**

The patient accepted the recommendation for conventional retreatment on tooth #31. The tooth was accessed through the crown and the gutta percha was removed with chloroform, hand files and rotary NiTi files, 0.04 taper. Both mesial canals were shaped to approximately a 0.08 taper and the single distal canal to approximately a 0.10 taper using rotary NiTi files. The canals were flooded with full strength sodium hypochlorite during shaping. The apexes were finished to an ISO size #45 for all three canals with a rotary NiTi file. The canals were then thoroughly irrigated with sterile water, ethanol, EDTA and a final heavy rinse with chlorhexidine. The tooth was dressed with calcium hydroxide for four weeks. At the next visit, the calcium hydroxide was removed with rotary NiTi files and citric acid. The canals were prepped with an EDTA rinse followed by irrigation with chlorhexidine. The final obturation was performed using cold lateral condensation with Epiphany® Sealer, a fitted Epiphany 0.04 tapered #45 cone, and Epiphany accessory filler points. System A was utilized to plasticize and condense the Epiphany points in the canals.



**6 months**

The patient was asymptomatic soon after the first visit and remained asymptomatic throughout the period leading up to the six month follow up. Extensive healing of the apical radiolucency on #31 was seen on the six month follow-up radiograph which also shows the continued apical radiolucency on tooth #30 that was endodontically treated in 1993.

For available research and more case radiographs using the Epiphany System and Resilon™\* obturation material, please visit [www.resilonresearch.com](http://www.resilonresearch.com).

For information on the Epiphany Soft-Resin Endodontic Obturation System call Pentron Clinical Technologies at 1-800-551-0283 or visit [www.pentron.com](http://www.pentron.com).



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