

Epiphany® Case of the Month

Pre-Op



Epiphany case description and radiographs courtesy of Dr. Noah Chivian, Diplomate American Board of Endodontics West Orange, New Jersey



A 66 year old Caucasian female patient presented with periradicular periodontitis and no acute symptoms. The case was treated in 2 visits. During the first visit, the pulp was extirpated and a crown down mid-root enlargement was performed. After root length determination, a glide path was established using a 20/.02 stainless steel hand file. The canals were subsequently irrigated with 2.50% sodium hypochlorite and RC Prep™¹ was used as a lubricant. UltraCal XS®² calcium hydroxide paste was placed in the canals as an inter-appointment medication.

Post-Op



On the second visit, the mesial canals were shaped and enlarged using a .08/20 GT®³ rotary file and a 30/.04 Profile®³ rotary file. On the distal canals, a .08/20 GT®³ rotary file and a 40/.04 Profile®³ rotary file were used. The canals were flooded with 17% EDTA for one minute followed by a rinse of 0.12% Chlorhexidine Gluconate. Epiphany® Primer was placed in the canals, with paper points, for 30 seconds. The excess was removed with paper points. Epiphany 30/.06 points were used as master cones in the mesial canals and a 40/.06 point was used in the distal canal. The canals were coated with Epiphany Sealer using the master cones. Vertical condensation was accomplished with the System B™⁴ for the down pack and the Obtura II™⁵ with Epiphany Pellets for the backfill.

At the 20 month check up, the patient presented with no symptoms and the comparative radiographs displayed evidence of bone regeneration.

20 months



For available research and more case radiographs using the Epiphany System and Resilon™* obturation material, please visit 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.



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