

**LONG AND CURVED, YET PREDICTABLE WITH PROPER
METALLURGY**



DIAGNOSIS: # 18

PULPAL: NECROTIC

PERIAPICAL: ASYMPTOMATIC APICAL PERIODONTITIS

INSTRUMENTATION:

ORIFICE OPENING: VORTEX ORIFICE OPENER 20 / 08

GLIDE PATH: VORTEX BLUE 15 / 04 TO WORKING LENGTH

FINAL SHAPE: VORTEX BLUE 25 / 06 IN MESIAL CANALS, VORTEX BLUE 25 / 04 IN DISTAL CANAL

IRRIGATION: 5.25% SODIUM HYPOCHLORITE WITH QMIX 2 IN 1 AND ENDOACTIVATOR

**OBTURATION: WARM VERTICAL DOWNPACK WITH THERMOPLASTIC GUTTA PERCHA
BACKFILL**

COMMENTS: NO HAND FILES WERE USED IN THIS CASE FOR INSTRUMENTATION PURPOSES. A 10 FILE WAS USED FOR THE ELECTRONIC DETERMINATION OF WORKING LENGTH. THE CORONAL 80% OF THE DISTAL CANAL WAS TO THE FINAL SHAPE BEFORE ATTEMPTING TO GAIN ACCESS TO THE APEX. FINAL WORKING LENGTH IN DISTAL CANAL WAS 24.5 MM.