

Treatment Technique

Technique Tips

- PROTAPER NEXT® rotary files (PTN) should be used in a torque control, electric motor at a speed of 300 RPM with light apical pressure.
- For optimal usage, torque control devices are recommended at 200 gcm (adjustable up to 520 gcm according to practitioner experience).
- Importantly, radicular access is improved when a ProTaper® Universal SX
 file is used, in a brushing manner, to pre-flare the orifice, eliminate internal
 triangles of dentin, relocate the coronal-most aspect of a canal away from
 external root concavities, optimally shape canals in shorter roots or produce
 more shape, as desired.
- Establish a reproducible glide path using small-sized hand files and/or PathFile® root canal drills.
- Use PROTAPER NEXT® files in regions of the canal that have a confirmed and reproducible glide path.
- Irrigate, recapitulate and re-irrigate after each rotary file.
- Clean flutes frequently and inspect for signs of distortion or wear.
- The PROTAPER NEXT® instruments are recommended to be used with a brushing motion, away from external root concavities, to facilitate flute unloading and apical file progression.
- Use the PROTAPER NEXT® files to passively follow the canal until the working length is achieved. The sequence is always the same regardless of the length, diameter or curvature of the canal.

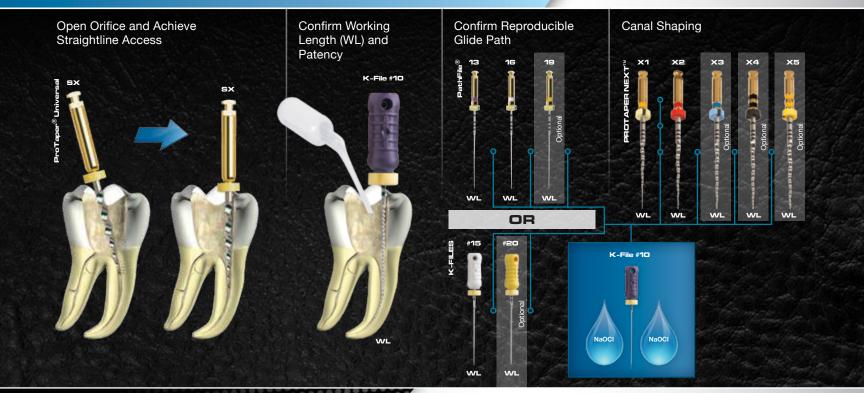
Step-by-Step Instructions

- 1. Prepare straight-line access to canal orifice.
- 2. Explore the canal using small-sized hand files, determine working length, verify patency and confirm a smooth, reproducible glide path.
- Always irrigate and if necessary, expand the glide path using small-sized hand files and/or PathFile® root canal drills.
- 4. In the presence of NaOCI, brush and follow, along the glide path, with the PROTAPER NEXT® X1 (017/04) file, in one or more passes, alternatively with small-sized hand files if necessary, until the working length is reached.
- Use PROTAPER NEXT® X2 (025/06), exactly as described for PROTAPER NEXT® X1 file, until the working length is passively reached.
- 6. Inspect the apical flutes of the PROTAPER NEXT® X2 file; if they are loaded with dentin, then the shape is cut, the corresponding sized gutta-percha master cone or size verifier may be fitted, and the canal is ready for disinfection.
- 7. Alternatively, gauge the foramen with a size 025 hand file and, if this file is snug at length, the canal is shaped and ready for disinfection.
- 8. If the size 025 hand file is loose at length, then continue shaping with the PROTAPER NEXT® X3 (030/07) and, when necessary, the PROTAPER NEXT® X4 (040/06) or X5 (050/06), gauging after each instrument with the 030, 040 or 050 hand files, respectively.

During protocol of use, irrigate, recapitulate with a small-sized hand file after each sequential PROTAPER NEXT® instrument, then re-irrigate.

PROTAPER ---NEXT ROTARY FILES Performance Refined

Treatment Technique





300 RPM / Torque: 200-520 gcm

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Manufactured For

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