

Technique Tips

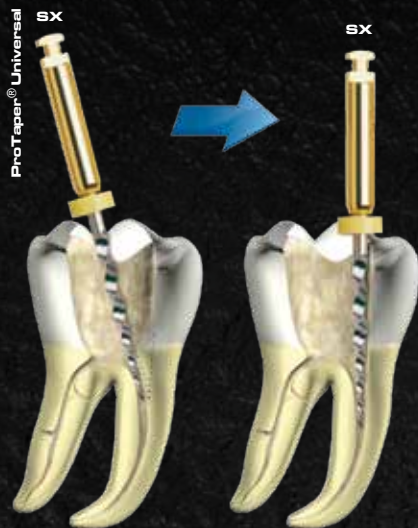
- PROTAPER NEXT™ rotary files (PTN) should be used in a torque control, electric motor at a speed of 300 RPM with light apical pressure.
- For optimal usage, torque control devices are recommended at 200 gcm (adjustable up to 520 gcm according to practitioner experience).
- Importantly, radicular access 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.
3. 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 NaOCl, 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.
5. 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.

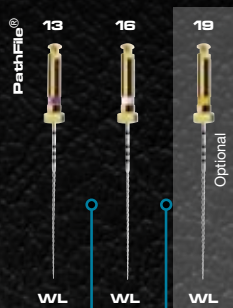
Open Orifice and Achieve
Straightline Access



Confirm Working
Length (WL) and
Patency



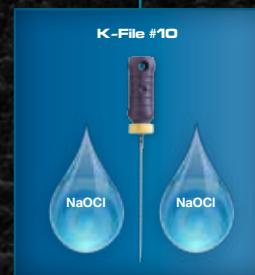
Confirm Reproducible
Glide Path



OR



Canal Shaping



300 RPM / Torque: 200-520 gcm

Made in Switzerland
For Dental Use Only

STERILE R

Rx Only



Single Use Only



CONSULT
INSTRUCTIONS
FOR USE

© 2012 DENTSPLY International, Inc. TCPTNR Rev. 0 12/12

Manufactured For:

DENTSPLY Tulsa Dental Specialties
DENTSPLY International, Inc.
608 Rolling Hills Dr.
Johnson City, TN 37604
1.800.662.1202
1.800.597.2779 (fax)
www.TulsaDentalSpecialties.com

DENTSPLY
TULSA DENTAL
SPECIALTIES

0 5 10 15 20 25 30 mm