








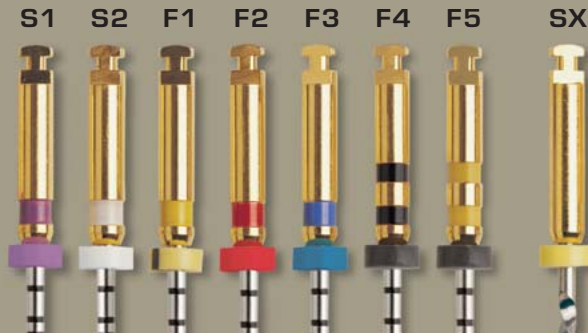


ENDO SYSTEM



Scout Coronal 2/3 10, 15 Files    
Shape Coronal 2/3 S1, S2  

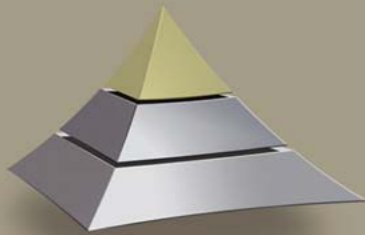
Scout Apical 1/3 10, 15 Files    
Shape Apical 1/3 S1, S2, F1   



# TREATMENT TECHNIQUE

## Step-by-Step Instructions

- Create straight-line access to canal orifice.
- In the presence of a viscous chelator (such as ProLube<sup>®</sup> root canal conditioner), passively scout the coronal 2/3 with 10 and 15 hand files. Gently work these instruments until a smooth, reproducible glide path is confirmed.
- In the presence of NaOCl, “float” the S1 into the canal and passively “follow” the glide path. Before light resistance is encountered, laterally “brush” and cut dentin on the outstroke to improve straight line access and apical progression. Always brush away from the furcation.
- Continue shaping with the S1 as described until the depth of the 15 hand file is reached.
- Use the S2, exactly as described for the S1, until the depth of the 15 hand file is reached.
- In the presence of NaOCl or a viscous chelator, scout the apical 1/3 with 10 and 15 hand files and gently work them until they are loose at length.
- Establish working length, confirm patency and verify the presence of a smooth, reproducible glide path in the apical 1/3.
- Use the S1, as described, until working length is reached.
- Use the S2, as described, until working length is reached.
- Reconfirm working length, especially in more curved canals.
- Use the F1 in a non-brushing action until working length is reached.
- Gauge the foramen with a 20 hand file. If this instrument is snug at length, the canal is shaped and ready to obturate.
- If the 20 hand file is loose at length, proceed to the F2 and, when necessary, the F3, F4 and F5 gauging after each finishing file with corresponding hand file.



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**PROTAPER®**  
 UNIVERSAL  
 ENDO SYSTEM

*Precaution: To promote the mechanical preparation objectives, take any ProTaper Universal rotary finishing instrument to length only one time and for no more than one second.*

### USING PROTAPER UNIVERSAL HAND FILES

ProTaper Universal hand files are ideal for taking control and exercising care in certain cases:

#### ANATOMIC

delicate areas  
 difficult anatomy

#### PATHOLOGIC

resorptive problems  
 internal root defects

#### IATROGENIC

retreatment challenges  
 bypass ledges

# TREATMENT TECHNIQUE

## Treatment Tips

- Always establish a reproducible glide path in each canal with a 15 hand file prior to rotary instrumentation.
- Lubricate files generously with a file prep such as ProLube® root canal conditioner.
- Irrigate, recapitulate and re-irrigate after using each rotary file.
- Always confirm working length.
- Take files to resistance – never force files.
- Use all ProTaper Universal rotary files in constant rotation at a speed of 300 RPM. The file will appropriately follow the canal.
- Inspect files for distortion or wear, such as uneven flutes, dull spots or bending.
- Use shaping files with a brushing action on the withdrawal stroke in order to create straight-line radicular access and to passively progress apically.
- Finishing files should follow canal passively to working length, then be withdrawn.
- Use the SX after the S1 and S2 to optimally shape canals in shorter roots, relocate the coronal aspect of canals away from furcal concavities, or to expand the shape as desired.
- In more curved canals, take any ProTaper Universal rotary finishing instrument to length only one time and for no more than one second or you may risk transportation.
- ProTaper Universal rotary files are single patient use devices.

For Dental Use Only

Rx only



See Directions For Use

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