

Clinical procedure: WaveOne® Gold



Confirm working length (WL) and patency

ReadySteel K-Flexofile #10



Confirm reproducible glide path

WaveOne Gold Glider



WL

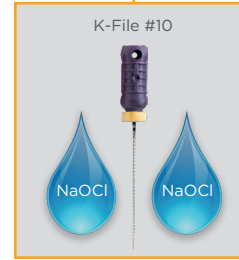
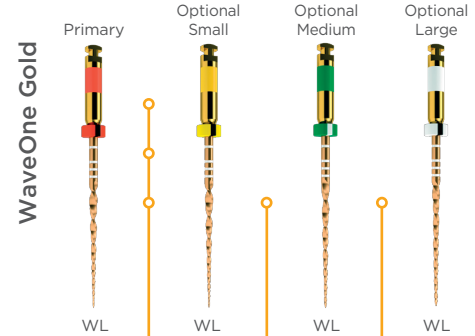
OR

ReadySteel K-Flexofile #15



WL

Canal shaping



Straightline and radicular access

- 1 Establish straightline coronal and radicular access.
- 2 Estimate $\frac{2}{3}$ working length from pre-op radiograph and set a size 010 hand file to this $\frac{2}{3}$ length.
- 3 In the presence of a viscous chelator such as Glyde™, take the size 010 hand file to verify a patent canal to $\frac{2}{3}$ estimated working length. Repeat with size 015 hand file or dedicated mechanical file, such as WaveOne Gold Glider.

Coronal access

- 1 Always initiate the shaping procedure with the PRIMARY file (025/07 red) in the presence of sodium hypochlorite.
- 2 Use gentle inward pressure and let the PRIMARY file passively progress through any region of the canal that has a confirmed glide path. After shaping 2-3mm of any given canal, remove and clean the PRIMARY file then irrigate, recapitulate with a size 010 hand file, and re-irrigate.
- 3 Continue with the PRIMARY file, in 2-3 passes, to pre-enlarge the coronal two thirds of the canal.
- 4 Use a brushing motion on the outstroke to eliminate coronal interferences or to enhance shaping results in canals that exhibit irregular cross-sections.

Working length and apical preparation

- 1 Establish working length using a size 010 hand file, in the presence of viscous chelator, negotiating to the terminus of the canal. In more restrictive canals, gently work this file until it is completely loose at length.
- 2 Expand this glide path to at least 0.15mm using a manual or mechanical glide path file such as WaveOne Gold Glider.
- 3 Carry the PRIMARY file to the full working length in one or more passes. Upon reaching length, remove the file to avoid over-enlarging the foramen. Inspect the apical flutes; if they are loaded with dentinal debris, then the shape is finished.*
- 4 If the PRIMARY doesn't progress then use the SMALL file (020/07 yellow) in one or more passes to working length and then use the PRIMARY file to working length to optimise the shape.
- 5 After the shape is confirmed, continue with 3-D disinfection protocols.

*If the PRIMARY file is loose at length with no dentinal debris in the apical flutes, continue shaping with MEDIUM file (035/06 green) and/or LARGE file (045/05 white) until the apical flutes are loaded.

The WaveOne Gold instruments must only be used in reciprocating motion with appropriate reciprocating motors.

For more information, please refer to the WaveOne Gold DFU.