Newtron® Endodontics 18 Newtron® Endodontics

endosuccess canal access prep

The micro-blades are less aggressive than diamond and their coating makes these tips very durable.



CAP1, CAP2,CAP3 tips, autoclavable metal support and universal wrench



Canal access preparation





Active lateral part for:

- · Finishing walls and polishing.
- Removing temporary cement and dentinal residues.
- · Removing dentin overhangs.

Non-active end to prevent the risk of perforating the pulp chamber floor.



Micro-blade tip, length 9mm, taper 5%

Active lateral part and extremity used by sweeping method to remove dentine bridges.



CAP1

- Location of the MB2 (2nd mesiobuccal canal) and search for hidden canals.
- Preparation of the pulp chamber.
- Removal of the dentine layer which may hide the access to the MB2 canal.



Micro-blade tip, length 8mm, taper 6%

The CAP3 tip has a very pointed extremity indicated for:



- · Locating and opening the calcified canals.
- Fragmenting calcifications or pulp stones in the pulp chamber.
- · Loosening fiber posts.
- · Locating accessory canals.

Due to its very sharp point, the CAP3 tip must be handled with care (visual aids recommended).



Diamond-coated steel tip 76µm, length 18mm, taper 5%

- · Finishing the access cavity.
- Removing dentine overhangs, calcifications and filling materials.





Searching for canals and locating calcified canals.



Irrigation



Passive ultrasonic irrigation (PUI) files of different lengths and diameters

Irrisafe™ safely* eliminates the smear layer, dentine debris and bacteria from the root canal. Its blunt tip prevents any risk of perforating the apex IRRISAFE or the canal walls.



- 20ml of irrigant (NaOCI) are injected into the canal.
- Irrisafe™ is inserted 2mm short of the working length and activated by performing withdrawal movements to flush the debris and the smear layer upwards.
- Repeated 3x 1 minute in each canal.



Files of different lengths and diameters, taper 2%

Irrigation, withdrawal of calcified dentine and gutta percha, and withdrawal of broken instruments.

For irrigation ultrasonic files are used with a disinfectant solution. To provide a final decontamination, use sodium hypochlorite until the smear layer is removed.

K files are very sharp instruments and should be handled with precision. However they are flexible and can therefore be pre-bent.







CAP1 F88181

CAP2

F88182

CAP3

F88183