

M3 W-One Files

FOR DENTAL USE ONLY

M3 W-One instruments for endodontic treatment:

- M3 W-One SMALL file #20/06vt
- M3 W-One PRIMARY file #25/08vt
- M3 W-One LARGE file #40/08vt

0) COMPOSITION

The cutting part of these instruments is made of a nickel-titanium wire.

1) INDICATIONS FOR USE

These instruments are to be used only in a clinical or hospital environment, by qualified users following good dental practices (using gloves, glasses, rubber dam ...).

M3 W-One Instruments are for use in endodontic treatment, by shaping & cleaning the root canal system.

2) CONTRAINDICATIONS

In common with all mechanically driven root canal instruments, M3 W-One instruments should not be used in cases of severe and sudden apical curvatures.

3) WARNINGS

This product contains Nickel and should not be used for individuals with known allergic sensitivity to this metal.

4) PRECAUTIONS

- The M3 W-One are Single Use instruments.
- Clean flutes frequently and check for signs of distortion or wear.
- Irrigate abundantly and frequently due to the fast preparation.
- Initiate shaping procedures with the selected M3 W-One file in the presence of NaOCl.
- Use a gentle inward pecking motion, with short 2–3 mm amplitude strokes, to passively advance the M3 W-One file until it does not easily progress anymore.

5) ADVERSE REACTIONS

In common with all mechanically driven root canal instruments, M3 W-One instruments should not be used in cases of severe and sudden apical curvature due to high risk of breakage.

6) STEP BY STEP INSTRUCTIONS FOR M3 W-ONE FILES

M3 W-One Shaping Considerations

- 1) Radiographic Evaluation
Review different horizontally angulated radiographs to diagnostically determine the width, length, and curvature of any given canal.
- 2) Access Preparation
Create straight-line access to the canal orifice(s) with emphasis on flaring, flattening, and finishing the internal axial walls.

M3 W-One Shaping Technique

- 1) Establish straight-line coronal access to the orifice.
- 2) Estimate the working length using well-angulated preoperative radiographic or digital images.
- 3) Create a glide path by gently working a 010 file, using irrigation or a viscous chelator as preferred, until resistance is met and the file doesn't progress anymore. Then work it until it is completely loose.
- 4) Select the M3 W-One file by reviewing the "Clinical & Anatomical" Guidelines. Select the preprogrammed M3 W-One motor settings.
- 5) Initiate shaping procedures with the selected M3 W-One file in the presence of an irrigant. Use a gentle inward pecking motion, with short 2 – 3 mm amplitude strokes, to passively advance the M3 W-One file until it does not easily progress anymore.
- 6) Withdraw the M3 W-One file, remove the debris and inspect its cutting flutes, irrigate and repeat step 3 & 5 until the coronal two-thirds of the canal have been shaped.
- 7) Negotiate the apical one-third of the canal with a 010 file in the presence of a viscous chelator. Gently work this file until it is completely loose at the full working length. Establish final working length, confirm patency, verify the glide path and irrigate.
- 8) Use the M3 W-One file to final working length. The finished shape is confirmed if the apical flutes of the file are loaded with dentin. Irrigate, recapitulate, and re-irrigate. Gauge the size of the foramen with an ISO hand file that has the same diameter as the M3 W-One file carried to working length. If the gauging hand file is snug at length, the preparation is finished. If the gauging file is loose at length, generally use a larger M3 W-One file to finish the preparation.
- 9) Use "active" irrigation methods to promote 3D disinfection of the root canal system.

7) DISINFECTION, CLEANING AND STERILIZATION

- M3 W-One is intended for Single use only.
- Disinfection, cleaning and sterilization procedures are not recommended.
- Re-use of M3 W-One can increase the risk of cross contamination and breakage.

Manufacturer

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