One Shape®

Complete canal shaping with only
one single file in continuous rotation!



Your Endo Specialist™

MICRO MEGA



Unique Sterile Economic Innovative

Only one rotary file for your endodontic treatments!

Simplifying your endodontic procedures with complete safety and effectiveness is our primary concern.
MICRO-MEGA® now offers you One Shape®, the one and only NiTi instrument in continuous rotation for quality root canal preparations.

One Shape® allows for curved canal negotiation with an instrumental and easy dynamic. Its non-working (safety) tip ensures an effective apical progression avoiding obstructions which are often preceded by instrument separation.

One Shape®,
THE new asset in endodontic instruments
Simplicity and safety…

The one. . .

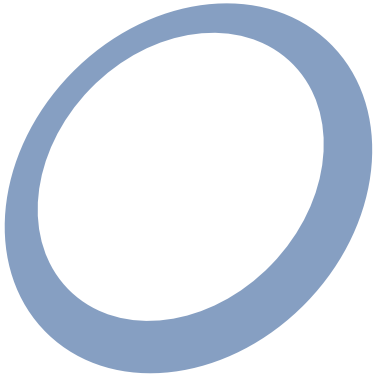


1 single instrument for shaping

- Quality root canal shaping with one single instrument with remarkable design.
- Rapid treatment: a root canal treatment is approximately 4 times faster than a conventional treatment.
- Overall duration of treatment shortened*.
- Simplification of the endodontic instrument sequence.

** It is imperative to let the irrigant act for at least 15 minutes for optimal root canal disinfection.*

The only . . .



In continuous rotation

- No need to buy an additional specific motor. You can use your traditional endo handpiece placed on your unit or any other endodontic motor with continuous rotation.
- An economic principle: use your existing equipment and only buy the One Shape® file.
- As a result of clinical use and extensive publication, continuous rotation is a principle known and recognized for almost 20 years.
- A dynamic and instrumental behaviour you may have previously experienced.

For your safety…



Sterile

- Scored blister.
- Time saving: One Shape® is ready for use.
- Economic: no prior sterilization before use.
- Facilitated handling for assistants.
- Controls risk of infections: safety for patients and staff.

And that of your patients!



Single use

- Minimal fatigue along the length of the file virtually eliminates the risk of separation.
- Simplified handling of instrument sequences.
- It is recommended to use the One Shape® instrument for the treatment of only one tooth*.

** Dispose of all instruments that show a sign of unwinding, wear or premature fatigue after the treatment of one or two root canals.*

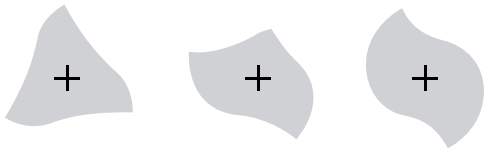
The instrument with variable cross-section*

- An original and innovative instrument design.
- A MICRO-MEGA® innovation: the instrument presents a variable cross-section along the blade.
- One Shape® principle: 3 different cross-section zones.

The first zone presents a variable 3-cutting-edge design.
The second, prior to the transition, has a cross-section that progressively changes from 3 to 2 cutting edges.
The last (coronal) is provided with 2 cutting edges.

** Patent Pending*

- Examples of instrument cross-section evolution.



- Guided down the glide path by 3 cutting edges, One Shape®'s flexibility assures a perfect respect to the original canal path and curvature.
- One Shape®'s variation of cross-sections offers an optimal cutting action in 3 zones of the canal.
- The variable pitch of One Shape® reduces instrument screwing effects.
- ABC (Anti Breakage Control) is a safety bonus: the instrument will unwind to avoid separation.



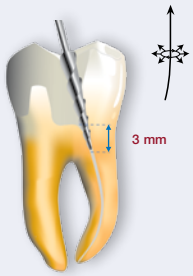
The one…
and only

One Shape® Operating Protocol

1 Access Cavity Preparation

- Take a preoperative radiograph to assess canal anatomy and establish Estimated Working Length (EWL).
- Establish straight-line access preparation to expose canal orifices.
- Remove coronal constrictions with ENDOFLARE® (or use your current flaring technique). Canal penetration of ENDOFLARE® is limited to 3 mm below the pulp chamber floor.
- Irrigate thoroughly with sodium hypochlorite.

ENDOFLARE®



2 Establishing the Glide Path

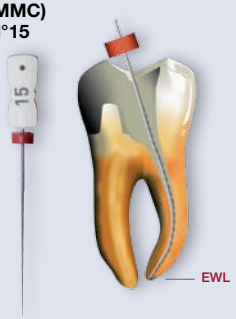
Scout each root canal with small diameter hand files which provide information about the root canal anatomy complementary to that obtained by the preoperative X-rays.
Prepare the glide path using #10 Stainless Steel K-type hand file (for example MMC 10).

- **If the #10 K file easily reaches the EWL and if it is possible to take a #15 K file down to this EWL**: Copiously irrigate the canal and use One Shape® according to the established protocol.

K-File
(MMC)
N°10



K-File
(MMC)
N°15



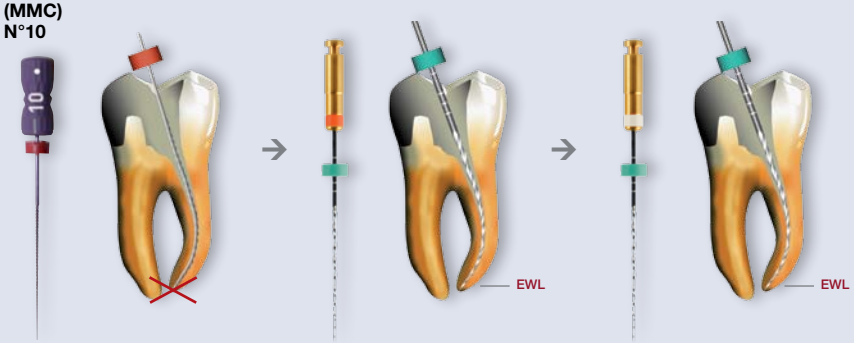
Or

- **If canal constrictions prevent the #10 K file from easily reaching the EWL**, complete glide path preparation using G-Files™, NiTi files for glide path development in continuous rotation. Use G1 to EWL followed by G2 to EWL according to the recommended protocol. Copiously irrigate after each instrument passage. Use the #15 K file to determine Working Length (WL).

K-File
(MMC)
N°10

G1

G2



3 Shaping the Root Canal

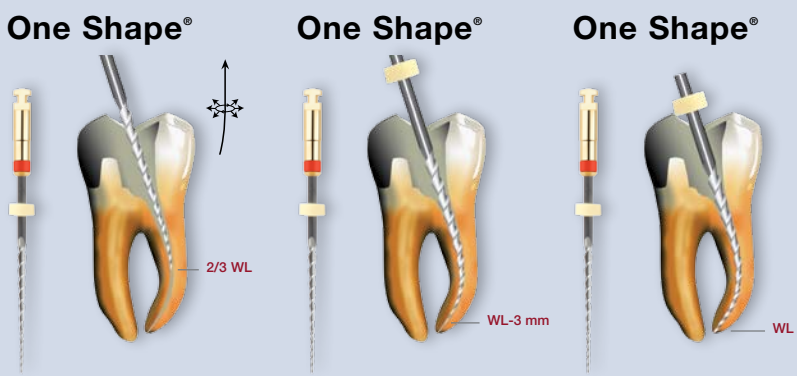
Irrigate thoroughly with sodium hypochlorite.
A chelating gel (MM-EDTA Cream) can also be used during the root canal shaping.

a) Place One Shape® down to the 2/3 of the WL using an in and out movement without pressure. Perform an upward circumferential filing movement in order to pre-enlarge the canal.
Withdraw the One Shape® instrument from the root canal and clean it. Irrigate and check canal patency with a #10 K file.

b) Reintroduce the One Shape® instrument into the root canal and place it down to 3 mm from WL using an in and out movement without pressure.
Withdraw the One Shape® instrument from the canal and clean it. Irrigate and re-check the canal patency with a #10 K file.

c) Reintroduce the One Shape® instrument into the root canal and take it down to the WL by performing the recommended in and out movement.
The WL can be reached in one or more passages (file withdrawal, cleaning of the file, irrigation and patency check) depending on the complexity of the canal anatomy.
An upward circumferential filing movement can then be performed if necessary and according to the root canal anatomy.

Remove and clean the instrument and irrigate the canal when apical resistance or a slight apical pull is encountered. Repeat steps until the WL is reached.



Speed of rotation: 350-450 rpm Maxi torque: 4 N.cm *WL: Working Length*





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