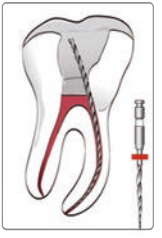
EndoWave OTR Sequence FM

Establish the Glide Path

A number of papers show that a glide path has positive effects when shaping the root canal system. In easy cases a glide path can be established using only OTR1 file (ISO15/Taper4), but where there is severe curvature it is recommended to use the kit of 3 MGP files (#10/02, #15/02, #20/02).

M1: 300 rpm., 2 torque bar, (0,4 Ncm)
M2: 500 rpm., 2 torque bar, (0,4 Ncm)

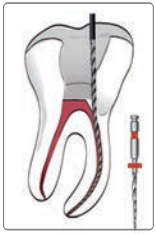
Initial situation
Molar with dentin interference



Glide Path with #10 hand-file or OTR1 (ISO15/Taper4) at 500rpm [M2]. In cases of obliteration use the MGP Kit to clear the path.

OTR-Sequenz nach Dr. Frank Maier, Tübingen.

Shape the Root Canal

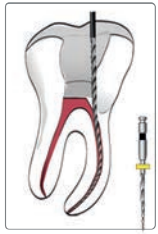


OTR 2	
ISO #25	TAPER 04

M1 M2 M3

Once the Glide Path is established, the OTR2 file (#25/04 EndoWave) is used to shape the coronal and medium third portion of the root canal by using OTR mode (DentaPort ZX) with 300rpm [M1].

If necessary determine the working length with Root ZX apex locator or just use Auto Apical Reverse with DentaPort ZX.



OTR 3	
ISO #40	TAPER 02

M1 M2 M3

Now #40/02 can quickly and easily reach the apex [M1]. In most cases the root canal is ready for cleaning and filling. In severe curvatures EndoWave #20/04 [M2] up to #35/04 [M1] help the clinicians reach the apex.

Subject to technical changes and errors.
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