



# Opener | PathGlider

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Perfectly prepared.

#### Opener

- Quick enlargement of the canal entrance with just one file
- Universal use – can be combined with any file system
- Fast cutting file design for effective removal of infected tissue
- Available in a rotary (OP10L19, OP08L19, OP10L15) and a reciprocating version (OPR10L19, OPR08L19)

#### PathGlider

The PathGlider offers enormous advantages compared to the purely manual preparation of the root canal with hand files

- Reduced risk of inadvertent transportation of the canal and undesirable steps
- Economy of time
- Transient taper (.03) for a gradual, gentle transition to the subsequently used mechanical file systems (e.g. F360)
- Sterile

## 1 Enlargement of the canal entrance with the Opener

The opener is used in the coronal third of the root canal.

### Advantages of a coronal enlargement:

- A large part of the bacteria is removed right at the start of the treatment
- Less strain on the subsequently used mechanical file systems
- Improved vision, especially in combination with a microscope or magnifying glasses



## 2 Creation of a glide path with the PathGlider

After initial probing with a manual file and determination of the working length (for example with a K-file in size 010), the PathGlider (in size 015 or 020) is used along the full working length performing short up and down movements (picking motion).

### Advantages over the purely manual creation of a glide path:

- Reduced risk of inadvertent transportation of the canal and undesirable steps
- Economy of time
- Gentle transition to the subsequent mechanical file systems



● **OP08L19.204.025**  
Opener



● **OP10L15.204.030**  
Opener



● **OP10L19.204.030**  
Opener

⌚<sub>opt.</sub> 300 rpm  
Torque: 2,8 Ncm

STERILE R



● **OPR08L19.204.025**  
Opener **new**



● **OPR10L19.204.030**  
Opener **new**



○ **PG03L21/L25/L31.204.015**  
PathGlider



● **PG03L21/L25/L31.204.020**  
PathGlider

⌚<sub>opt.</sub> 300 rpm  
Torque: 0,5 Ncm

STERILE R

