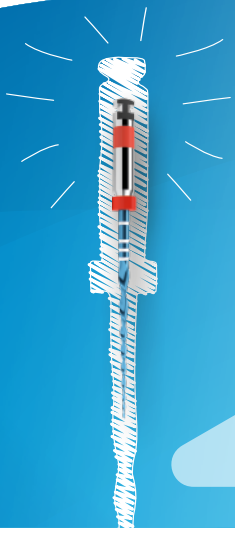
VDW®

Endo
Easy
Efficient



RECIPROC® *blue*

Step by Step

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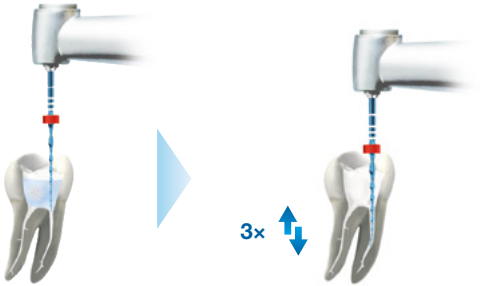


Canal Preparation

(also suitable for MB2 canals)

Ensure you have achieved a straight line access to the root canal orifice.

1. Estimate the working length from a pre-operative radiograph.
2. Place irrigant in the access cavity.
3. Introduce the RECIPROC® *blue* instrument into the access cavity. Press the motor foot pedal when orifice is reached.
4. Move the instrument in a slow in-and-out pecking motion. The amplitude of the in-and-out movements should not exceed 3 mm. Only very light pressure should be applied. The instrument will advance easily in the canal. One in-and-out movement = 1 peck. **Remove the instrument from the canal after 3 pecks.**

5. Clean the debris from the flutes in the Interim Stand.

6. Irrigate the canal.

7. Make sure the canal is free to 1 mm beyond the prepared canal section with an ISO size 10 C-PILOT® file.

In this way, continue root canal preparation with RECIPROC® *blue* until approx. 2/3 of the estimated working length has been reached. Then determine working length using a hand instrument ISO size 10. If the instrument goes to working length without being pre-curved, preparation can be finished with R25.

Retreatment with R25

Retreatment og gutta-percha and carrier-based fillings

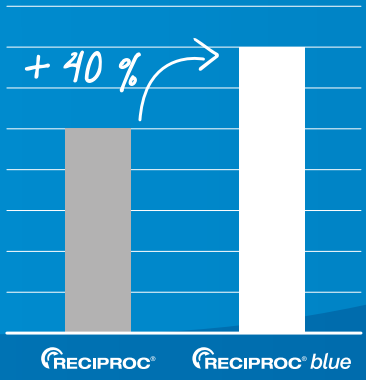
1. Removal of gutta-percha in the coronal third e. g. with a Gates Glidden drill, an ultra-sonic instrument such as VDW.ULTRA®. **Note:** A solvent e. g. eucalyptus oil can be used as required during the procedure.
2. Use R25 as described in the treatment sequence (steps 1-6) until working length has been reached. If resistance is encountered, do not apply pressure. Remove the instrument from the canal, reapply solvent and try again.
3. Use a brushing motion against lateral walls to remove residual obturation material.

After reaching working length with R25, use R40 or R50 for an increased apical enlargement, as necessary.

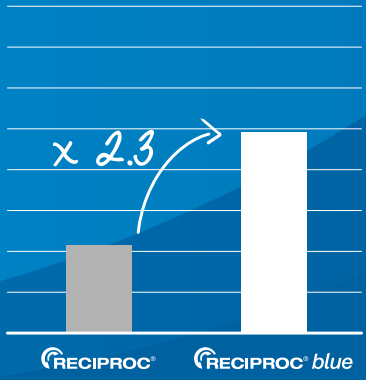
The improved NiTi treatment

RECIPROC® *blue* files are produced with Nickel-Titanium (NiTi) that goes through an innovative heat treatment, modifying its molecular structure to give it increased resistance to cyclic fatigue and additional flexibility as well as its characteristic blue color.
In addition, there is the option of precurving the instrument, to obtain an easier access to the canals, when needed.

Increased flexibility[7]



Greater resistance to cyclic fatigue[7]



[7]Average value for RECIPROC® blue instruments compared to RECIPROC® instruments. Based on internal report nº16-HO-003. Data on file.

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