



RECIPROC[®] blue

**Canal Preparation:
Initial Treatment and Retreatment**

Step by Step

**ENDO
EASY
EFFICIENT**

Canal Preparation Step by Step (also suitable for MB2 canals)

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



3x



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 – Step by Step

► Retreatment of gutta-percha and carrier-based fillings



1. Removal of gutta-percha in the coronal third e.g. with a Gates Glidden drill, an ultrasonic 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.

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