VDW®

Endo Easy Efficient©

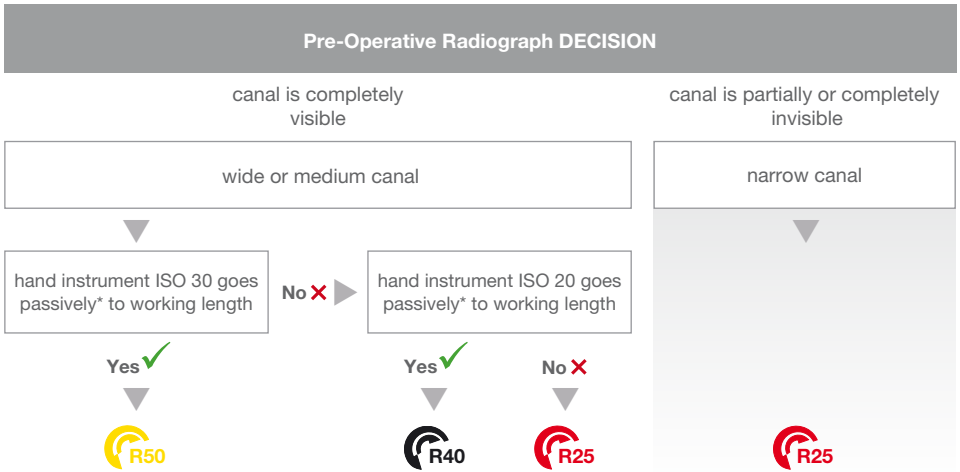


RECIPROC®

one file endo

The RECIPROC® Technique – **Steps to Success**

www.vdw-dental.com



***Passively** means that the instrument goes directly to working length with a gentle watch winding movement (small right left rotations) but **without filing action.**



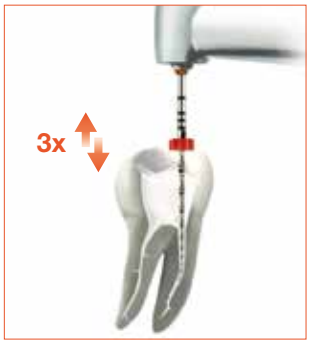
Narrow Canals During Preparation with R25:
Before preparation, estimate the working length with the help of a pre-operative radiograph. Set the stopper at 2/3 of that length. After approximately 2/3 of the root canal has been prepared, use a C-PILOT® File or a K-File and an apex locator to determine the working length.

Medium or Wide Canals Before Starting Preparation with R40 or R50:
Before preparation, check the working length by using a C-PILOT® File or a K-File and an apex locator. Set the stopper at that length. After the coronal and middle thirds of the canal have been prepared, the working length should be re-checked.

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



1. Place irrigant in the access cavity of the root canal.
2. Introduce the RECIPROC® instrument into the canal. Press the motor foot pedal when orifice is reached.



3. 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.**



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

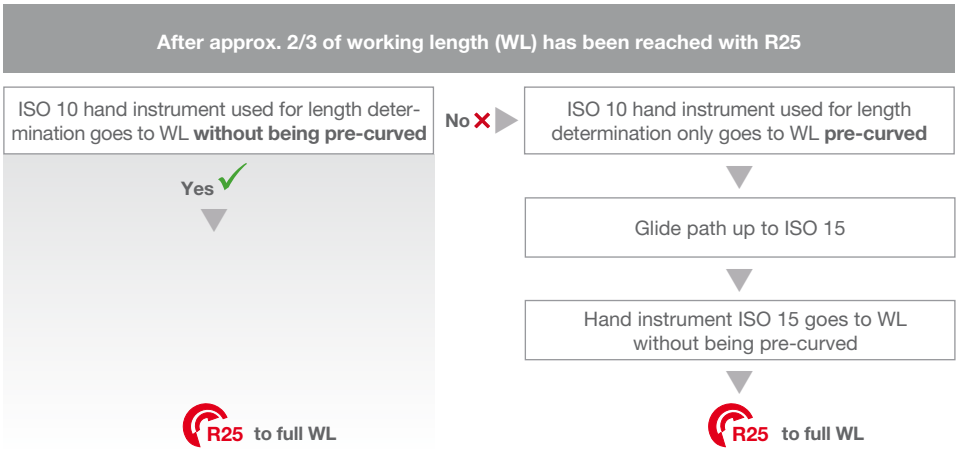


5. Irrigate the canal.



6. Make sure the canal is free to approx. 3 mm beyond the prepared canal section with an ISO size 10 C-PILOT® File.

In this way, continue root canal preparation with RECIPROC® until approx. 2/3 of the working length has been reached.



In cases with complex canal anatomy
If R25 stops from advancing or its advancement becomes difficult during preparation, a glide path up to ISO 15 has to be prepared to full working length. The preparation can then be continued according to the protocol described above.

4. 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® **or depending on the consistency of the gutta-percha directly with R25.** Use a drop of solvent (e. g. eucalyptus oil) as required.



2. Use R25 as described in the step by step instructions (steps 1-5) until working length has been reached. If resistance is encountered, do not apply pressure. Remove the instrument from the canal, re-apply 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.

5. Tips

1. RECIPROC® instruments can be used in a lateral brushing motion to enlarge the root canal entrance, for preparation of irregular shaped canals or to achieve an easier advancement of the instrument.

2. Clean the instrument, irrigate the canal and check that the canal is not blocked after 3 pecks.



Δ Never apply pressure if resistance is encountered, instead repeat point 2 above!

Δ Finalise preparation as soon as working length has been reached. Working with an instrument too long in one spot will cause canal transportation!

Δ Pull the RECIPROC® instrument out of the canal after 3 pecks or when resistance is encountered!

Δ Use the instruments in reciprocation with the VDW RECIPROC® motor only!

R25 R40 R50



Instruments
Paper Points
Gutta-Percha
GUTTAFUSION®
for RECIPROC®
Obturators

VW000270 Rev.2/29.04.13

VDW STERILE
Look for the red dot.
Over 30 years' experience
in sterile endo products.

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