VDW®

Endo
Easy
Efficient

VDW.ROTATE™
Step by Step

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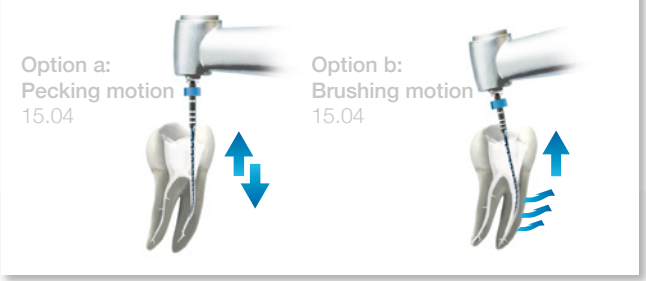
1. Estimate the working length from a preoperative radiograph.
2. Prepare an access cavity sufficient enough to reveal all root canal orifices.
3. Scout coronal 2/3 of canals with an ISO size 10 C-PILOT® file.
4. Afterwards, determine working length with C-PILOT® using an electronic apex locator and confirm patency.
5. Irrigate the canal.



6. Create glide path to working length using VDW.ROTATE™ 15.04. Choose among two techniques:

   Option a) Pecking motion:

   Advance the instrument in 2-3 gentle amplitudes approximately 1-3 mm in-and-out of the canal.

   Option b) Brushing motion:

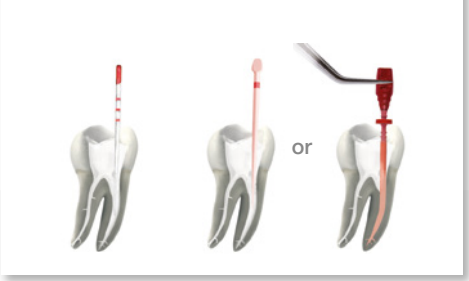
   I. Insert the rotating instrument into the root canal without touching the walls of the canal.

   II. Exerting gentle pressure, allow the instrument to touch the canal wall.

   III. Make small, stroking/brushing movements (over 1-3 mm) in a coronal direction, without taking the instrument out of the canal.

   IV. Allow the instrument to move apically for 1-3 mm and then repeat the movement described under III. Gradually advance step by step towards the apex with up and down movements.

7. Irrigate the canal and reverify canal patency. Throughout the procedure, clean and inspect the instrument's cutting flutes. If deformation is noted, discard and use a new VDW.ROTATE™ instrument.
8. Use VDW.ROTATE™ 20.05 until reaching working length in your preferred technique (see step 6a or 6b).
9. Repeat Step 7.
10. Establish the final working length using an electronic apex locator.



11. Depending on the canal curvature and size, choose between the VDW.ROTATE™ 25.06 or 25.04 size as following:

Option a) For the majority of the cases, use the VDW.ROTATE™ 25.06 until reaching working length.

Option b) If the canal is narrow and highly curved, use the VDW.ROTATE™ 25.04 until reaching working length.

12. Gauge the foramen with an ISO 25 hand file to make sure that the instrument is snug at length and the canal ready to be obturated.

13. Repeat Step 7.

14. If necessary, use larger sizes for an increased apical enlargement after reaching working length with VDW.ROTATE™ 25.06 or 25.04. Larger sizes can also be used both in pecking and brushing motion.

15. Dry and fill the canal with a proper technique using matching VDW.ROTATE™ Gutta-Percha points or a warm obturation technique for a three-dimensional fill.

A harmonious combination

From preparation to obturation, we offer a complete range of products that are coordinated to the VDW.ROTATE™ files. For the endo treatment, VDW recommends to use VDW.ROTATE™ files in combination with VDW motors.

e. g. VDW.CONNECT Drive®

Motor Settings (for detailed values see instructions for use)

File size	Torque [cNm]	Speed [rpm]
VDW.ROTATE™ 15.04	1.3	350
VDW.ROTATE™ other shaping sizes until ISO 60	2.0	350
VDW.ROTATE™ Revision 25.05	3.5	400

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For further information please contact your preferred distributor or visit www.vdw-dental.com.

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