



**Dive deep
into root
cleaning**

EDDY[®]
endodontic
irrigation
tools

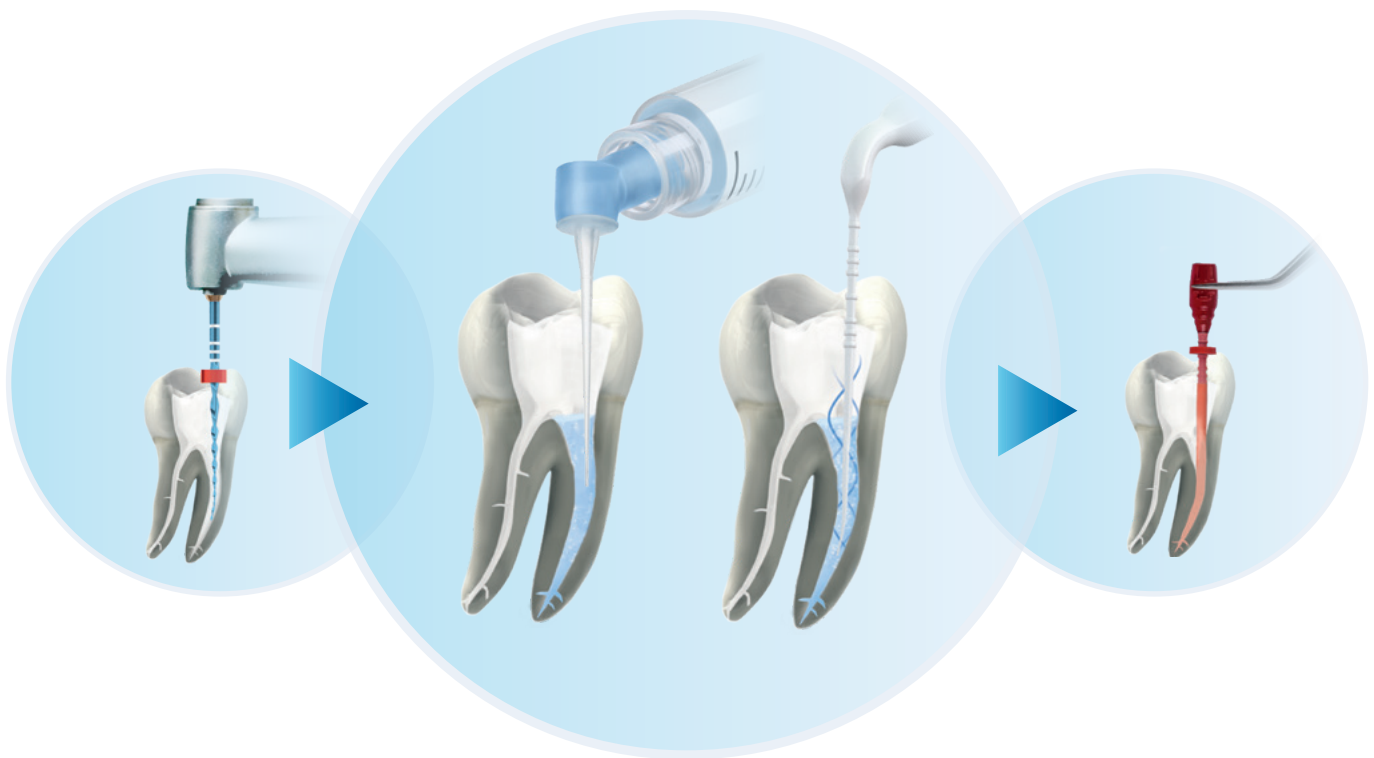
NEW:
EDDY FLEX.CANNULA™
irrigation needle



EDDY®
sonic powered
irrigation tip

Irrigation: decisive for a successful treatment

Thoroughly irrigating the entire root canal system – including isthmi and lateral canals – is an important step within the endodontic treatment process. It's as crucial for the long-term success as challenging: the sensitive dentin structure needs careful handling, and the deeper areas of the roots are difficult to reach.



Preparation

Irrigation

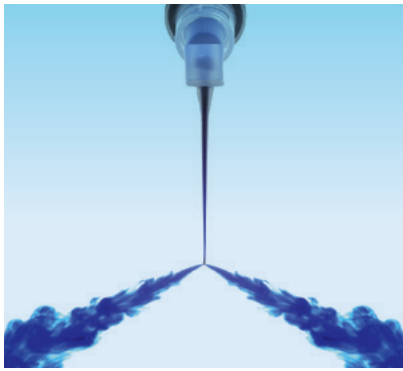
Obturation

EDDY® endodontic irrigation tools:
powerful yet gentle
removal of debris,
smear layer and biofilm

EDDY®

endodontic irrigation tools

Explore the safe, convenient and effective cleaning solutions for root canal disinfection: EDDY® endodontic irrigation tools reach deep within root canals to eliminate residues while respecting the natural anatomy of every tooth.



EDDY FLEX.CANNULA™ irrigation needle

- Soft polypropylene needle with 2-sides vent-design
- Curves and flexes to follow root canal anatomy
- Gentle and efficient. Atraumatic for hard tissues



EDDY® sonic powered irrigation tip

- Soft polymere tip powered at high frequency by airscaler, sets a new standard of combined safety and efficiency
- 3D movement for solution activation
- As effective to activating solutions as ultrasonics

EDDY FLEX.CANNULA™

irrigation needle

Unlike conventional metal needles, EDDY FLEX.CANNULA™ is made of a soft polypropylene body with an advanced needle design, that ensures a gentle yet efficient cleaning and disinfection.

FLEXIBLE

- Curves and flexes to follow the root canal anatomy
- Its soft polypropylene allows the needle to deliver irrigation solutions close to the apex
- Possibility to pre-bent to access hard to reach canal

EFFICIENT

- 2-side vents at the tip for powerful lateral irrigation aimed directly at the dentinal wall
- Maximizes elimination of debris, smear layer and biofilm
- 4 % taper to match your preparation

SAFE

- Close end cannula to reduce risk of extrusion
- The 2-sided vent design maintains a balanced irrigation solution
- Dentin-friendly needle design and material makes the needle atraumatic for hard tissues

“This is an ideal complement in the final irrigation alongside the EDDY® tips.”

Prof Amelia Almenar Garcia, Ms, Phd. University of Valencia, Spain



“I like the cannula very much, and I particularly enjoy the flexibility in the root canal.”

Dr. med. dent. Jens Emmelmann, Lieboch, Austria

“The VDW EDDY FLEX.CANNULA™ is a simple though irreplaceable gadget in the toolkit for a successful endodontic treatment. It enables the practitioner to reach areas which are hard to reach with a regular stainless steel cannula, with ease. A new step ahead, which brings us closer, faster and easier towards our goal: apical healing.”

Dr Alexander Schryvers, Wilrijk, Belgium



new

Luer Lock

60°

Length 27 mm

20 mm
18 mm

22 mm
19 mm

Tip 0.3 mm (30 G)
Taper 0.04 (4%)

soft polypropylene needle
with 2-side vents at the tip

advanced design for
more flexibility in
endodontic irrigation



■ **EDDY FLEX.CANNULA™**
40 pouches of 1 irrigation needle
MNSEDIRD2230G

EDDY[®] sonic powered irrigation tip

Made from a safe and flexible polymer material, EDDY[®] can easily go round curves, maintaining the integrity of the root canal anatomy. With vibration of 5,000 to 6,000 Hz, it creates a three-dimensional movement for an effective oscillation that triggers two cleaning effects: cavitation and acoustic streaming.

SAFE

- Reliable removal of residual tissue and dentine chips
- Closer approximation to the apex than a metal tip
- Forgiving material with low risk of fracturing the tip or damaging the dentine

PROVEN*

- Helps to remove debris and reach areas difficult to clean
- EDDY[®] tips activated by an airscaler at 6,000 Hz perform equal to or better than passive ultrasonic irrigation

EFFECTIVE

- Three-dimensional movement for irrigant activation
- Extended reach through oscillation
- Physical effects intensify cleaning performance

“EDDY[®] irrigates the canal clean and is aggressive on biofilm but gentle on the tooth with no danger of ledges or perforations.”

Dr. Winfried Zeppenfeld, Flensburg, Germany



“If you compare the activation of irrigants with EDDY[®] to other activation techniques, it is evident that EDDY[®] triggers a cyclone.”

Dr. Mauro Amato, Basel, Switzerland

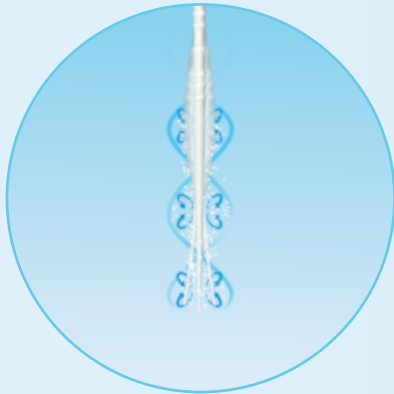
“After just a few seconds of using EDDY[®], there is no debris visible on the entire root canal wall and NaOCl seems to work better.”

Dr Vittorio Franco London, England & Rome, Italy



* Source: Canal cleanliness using different irrigation activation systems: a SEM evaluation. Urban K, Donnermeyer D, Schäfer E, Bürklein S; Department of Operative Dentistry, University of Münster, Münster, Germany; Clin Oral Investig, Feb. 2016.

The tip is compatible with many airscalers. A detailed list is available at vdw-dental.com/EDDY



3D movement: extended reach through oscillation

Thread 3 mm

Length 28 mm

Tip 0,2 mm

Min. preparation size: ISO 25, taper .06

28 mm
26 mm
25 mm
24 mm
22 mm
20 mm
18 mm



■ EDDY®

- 5 blister packs of 2 EDDY® irrigation tips, sterile
REF _____ V04 1441 000 000

■ EDDY® 100 Plus Kit

- 60 blister packs of 2 EDDY® irrigation tips, sterile
REF _____ V04 6034 000 000

■ EDDY® Starter Kit

- 1 W&H Airscaler Handpiece, Type Proxeo ZA-55-LM (Multiflex®) or ZA-55-LS (Sirona®) with light and power setting
- 20 blister packs of 2 EDDY® irrigation tips, sterile
REF _____ V04 1443 000 000 (Multiflex®)
REF _____ V04 1444 000 000 (Sirona®)



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


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