

## Proven: EDDY® cleans canals safely and effectively

**Munich, 19.10.2017 | More than two years in everyday practice and study results have proven that the EDDY® sonic-activated irrigation tip by VDW cleans even severely curved root canals safely and effectively.**

VDW presented the sonic-activated EDDY® irrigation tip in 2015 as a solution to the limitations of ultrasonic activation and manual irrigation. The EDDY® tip, which is made of a soft polyamide, oscillates at an optimum frequency of 5,000–6,000 Hz. This activates the disinfectant solution and produces acoustic streaming and cavitation effects, thereby achieving effective cleansing of the entire canal system. The polyamide tip, softer than dentine and particularly gentle, enables efficient chemical disinfection of side canals, apical ramifications and isthmi owing to oscillating 3-D movements. The flexible tip adapts itself to the canal anatomy without the risk of creating ledges or perforations. Another advantage is that, during the preparation, EDDY® requires only a maximum of 30 seconds per interval — a considerable saving of time and increased efficiency compared with manual irrigation with cannulas.

### Study results prove long-term treatment success

Several studies (e.g. Neuhaus et al., Urban et al.) compared the irrigation performance of EDDY® with other methods and found that EDDY® produces outstanding results: EDDY® removed bacterial biofilm in complex root canal anatomies just as effectively as passive ultrasonic irrigation. In addition, the soft and flexible polyamide tip was gentler on the root canal walls. Both sonic-activated and ultrasonic-activated irrigation strengthened the tissue dissolution capacity of the irrigants used equally. Finally, EDDY® has been shown to remove calcium hydroxide deposits and debris more effectively and thus proven to be significantly superior to manual irrigation.

Being a single-use tip of universal size, EDDY® can be integrated easily and efficiently into everyday practice. The tip is compatible with most standard air scalers, avoiding the need for further investment and thus facilitating changeover.

For more information, please visit <https://www.vdw-dental.com/en/products/detail/eddy/>

*A list of references can be obtained from the company.*

Pictures:

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### ABOUT VDW:

VDW GmbH based in Munich, Germany is one of the most well-known manufacturers working in the dental field of endodontics. For almost 150 years, VDW has been a pioneer in shaping the evolution of root canal treatment significantly. VDW focuses on offering the dentist a holistic solution covering the entire endodontic treatment process including preparation, irrigation, obturation and post-endodontic care as well as service and training.

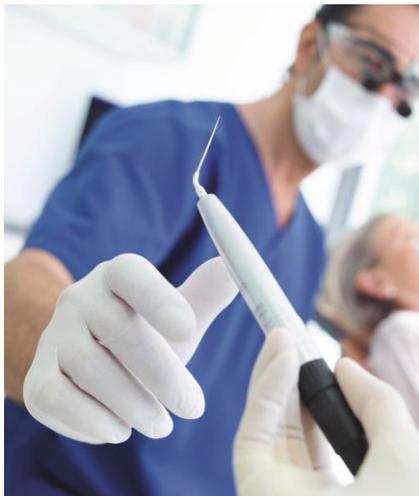
For more information about the company, the VDW brand and products, please visit [www.vdw-dental.com/en](http://www.vdw-dental.com/en)

# EDDY<sup>®</sup>

Pic. 1: EDDY<sup>®</sup> logo



Pic. 2: EDDY<sup>®</sup> polyamide tip in oscillating motion



Pic. 3: EDDY<sup>®</sup> in use