



Keynote Lectures – November 19<sup>th</sup>, 2022 Saturday 13:00-14:00

## **Efficacy of reciprocating single-file shaping system in endodontic retreatment of curved canals: a workshop presentation of RECIPROC® ecosystem**

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### **Abstract**

When primary root canal therapy fails, apical lesions can be retreated either together with apical surgery or without any surgical intervention. Root canal retreatment is a non-surgical procedure that involves the removal of root canal filling materials from the tooth, followed by cleaning, shaping, obturation of the canals. Today, iconic single-file reciprocating systems are safer and faster than rotary systems in shaping canals. Also, the reciprocating instruments have the ability to gutta-percha and root canal sealer removal, essential for Endodontic retreatment. The innovative RECIPROC® *Blue* (VDW GmbH, Munich, Germany- made by thermally treated *Blue-wire*® alloy) instruments can be adequate for this critical step in the majority of retreatment cases. Matched gutta-percha cones of the RECIPROC® ecosystem fit perfectly the sizes of the RECIPROC® instruments, and the new generation sealers - bioceramics can be used together with the single-cone obturation technique. This workshop presentation aims to demonstrate the endodontic retreatment ability of the RECIPROC® *Blue* instruments in day-to-day clinical practice *via* simulated curved canals.

Participants will knowledge:

- Learning the basics and use of the RECIPROC® *Blue* file system.
- VDW.SILVER® RECIPROC®-Learning how to use and features of the endo motor of RECIPROC® ecosystem.