

Faster, safer, and more efficient endodontic treatment with SICAT Endo

Dentsply Sirona is introducing another integrated solution to the dental market – the new SICAT Endo 3D software for improved planning and workflow in endodontic treatment. SICAT Endo also enables you to order special surgical guides for guided endodontic treatment. Advantages of the software: enhanced diagnostics, improved certainty in planning, and optimized accuracy of treatment through the use of surgical guides.

Charlotte, May 17, 2018. SICAT Endo is the first and only fully integrated and complete 3D solution for the diagnosis and planning of endodontic treatment that also supports clinical implementation with surgical guides. Using the software, all root canals can be easily identified in 3D, and the working length and depth of the access cavity can be determined precisely. Even heavily curved and calcified canals can be diagnosed easily. This process considerably improves the endodontic workflow for practitioners. The user-friendly software has diagnostic advantages for optimal treatment planning – efficient, reliable, with predictable outcomes.

Introducing fusion of 2D images with 3D Data

The combination of high-resolution intraoral 2D X-ray images and the depth information from 3D X-ray data facilitates diagnostics considerably. Thanks to the simultaneous navigation in 2D and 3D, dentists are easily oriented in all dimensions and can concentrate on the root canal to be diagnosed.

SICAT Endo is optimized for 2D and 3D X-ray units and CEREC by Dentsply Sirona. The software is fully integrated in Sidexis 4 with 3D data from Galileos and Orthophos SL units combined with 2D data; including Schick33 and Schick Elite sensors. No export and manual import of data are required. The integration of optical impressions allows the occlusal surface to be visualized precisely, thus optimizing planning for the access cavity and the exact determination of the working lengths.

Jochen Kusch, Managing Director of SICAT GmbH & Co. KG: "With the SICAT Endo software, we have taken a major step towards the diagnostics, planning, and implementation of endodontic treatment. We developed surgical guides for the opening of the root canal, and this is innovative in the dental market. The specific endodontic tools in the software such as 360° visualization of the root canals, the integration of 2D and 3D views, and the integration of optical impressions for the precise visualization of the occlusal relief are crucial support for practitioners in diagnostics and treatment planning."

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About Dentsply Sirona:

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with over a century of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dental care. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

Guided root canal treatment with surgical guides

After identifying and diagnosing all root canals in SICAT Endo, dentists can order a SICAT ACCESSGUIDE surgical guide. The use of the surgical guide for opening the root canal helps make endodontic treatment even more effective, safer, and more precise. The surgical guide enables minimally invasive and efficient preparation of cavity access. SICAT ACCESSGUIDE guides are available for orthograde root canal treatment.

ABOUT SICAT

As a leading innovator in dental industry, SICAT develops and markets 3D based analysis and planning software, surgical guides and therapeutic appliances for various dental disciplines, such as implantology, functional dentistry, sleep medicine or endodontology and is partner for dental practices, clinics and dental laboratories worldwide. With its wide range of product solutions, SICAT paves the ground for advanced digital dentistry. Multiple data sources like 3D X-ray, optical impressions, jaw movement data and 2D intraoral sensor images can be combined with each other – for increased efficiency and quality of treatment. SICAT was founded 2004 as Joint Venture between HICAT GmbH and Sirona Dental Systems GmbH and is based in Bonn, Germany.

IMAGES

are available to [> download](#) on the website.



Fig. 1: The new SICAT Endo 3D software facilitates planning and optimizes the workflow of endodontic treatment.



Fig. 2: SICAT ACCESSGUIDE is available for the orthograde opening of root canals.

