Press Release

CEREC Zirconia meso Block: secure screw-retained crowns for implants

Crowns may be cemented or screw-retained for the quick and reliable prosthetic restoration of single implants. With the new CEREC Zirconia meso Block, Dentsply Sirona launched a block for creating customized screw-retained crowns. The material can easily be integrated into the practice’s CEREC Zirconia workflow.

Bensheim/Salzburg, August 14th, 2017. Zirconia has proven itself throughout the past few years for the prosthetic treatment of implants. Crowns and bridges made of this material can be produced safely and very quickly right in the practice with the innovative CEREC Zirconia workflow.

With the CEREC Zirconia meso Block, Dentsply Sirona welcomes a product to the market that combines the outstanding properties of zirconia with an efficient clinical protocol. The translucent zirconia has a number of advantages, one being that it is very strong and biocompatible. Together with the screw fixation that makes cement superfluous, this ensures good and irritation-free adaptation to the gingiva. The CEREC Zirconia meso Block in this form is unique in the market.

Benefits in esthetics, function, and handling

The CEREC Zirconia meso Block consists of translucent, pre-shaded zirconia. The crown can be dry milled and subsequently sintered in the CEREC SpeedFire in around 24 minutes.

Together with the corresponding TiBases, customized screw-retained crowns- with a number of advantages- can be produced. The metal abutment base prevents abrasion on the inner geometry caused by micro-movements; the TiBase and crown can be joined together extra-orally, and risks that could arise from unclean adhesive surfaces can thus be eliminated. The abutment crown (TiBase plus crown) can be easily screwed onto the implant.

Dr. Peter Schneider, an experienced CEREC user from Heidelberg, Germany, stresses the clinical benefit – zirconia has the highest level of gingiva biocompatibility; the gum adapts very quickly to the crown. Furthermore, as a result of its high strength, the material ensures reliable treatment. Dr. Marco Ahonen values, above all, the reliability when manufacturing the prosthesis that a screw-retained solution provides. Even complex cases can be treated without problems.

The CEREC Zirconia meso Block is available in colors A1, A2, A3, and A3.5.

Faster, safer, and more comfortable for patients

“Chairside treatment of implants using CEREC enables a clearly structured and simple workflow that can reduce both the number of visits

ABOUT DENTSPLY SIRONA:
Dentsply Sirona is the world’s largest manufacturer of professional dental products and technologies, with a 130-year history 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 dentistry. 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.
and also the overall treatment time, explained Dr. Frank Thiel, Group Vice President CAD/CAM at Dentsply Sirona. "Our new CEREC Zirconia meso Blocks fit perfectly on our TiBase. This means that both the implant insertion and the treatment with a full-contour zirconia crown can take place in just one visit. And that means a higher level of patient comfort.

IMAGES

are available for > download on the website.

Fig. 1: CEREC Zirconia meso Block is a pre-shaded, translucent zirconia for chairside implant treatment.