



Dr Andreas Kurbad

ITI STUDY CLUB KRAKÓW

DYREKTOR ITI STUDY CLUB KRAKÓW: DR N. MED. ROBERT ŁYSZCZARZ

DR ANDREAS KURBAD

CAD/CAM supported production processes in dentistry. Technology & materials

Chairside computer-aided design/computer-aided manufacturing (CAD/CAM) technology requires an effective technical basis to achieve dental restorations with optimal marginal accuracy, esthetics, and longevity in as short a timeframe as possible. In order to manufacture dental restorations, a completely digital process chain is required. This comprises the digital capture of the patient's anatomical situation (including the prepared areas), the calculation of a virtual three-dimensional (3D) model, the computer-aided design (CAD) of the desired restoration, and the subsequent machining of the restoration. The Programill One is a compact, 5-axis milling machine based on an innovative milling technology (5XT – five-axis turn-milling technique), which is capable of achieving high-precision milling results within a very short processing time. Furthermore, the device's compact dimensions and state-of-the-art mode of operation facilitate its use in the dental surgery. This model is also an option to be considered for use in smaller dental laboratories, especially as the open input format enables it to be quickly and simply integrated into digital processing systems already in use. In terms of the usability – and therefore also the economic viability – of the system, the possible indications and the materials that can be used are of decisive importance for the user of a dental CAD/CAM system. At present, the corresponding products are available from Ivoclar Vivadent – in particular, the lithium disilicate ceramic IPS e.max CAD. Additionally, the newly designed zirconium oxide block, IPS e.max ZirCAD, with an increased degree of translucency (LT and MT), has been added to the product range. This offers the user a strong and a high-strength ceramic system. Next on the strength scale is the glass-ceramic IPS Empress CAD. Also available is the Tetric CAD composite-based material to round off the product range.

TERMIN: 06.03.2020

CZAS TRWANIA: 18:00-21:00

MIEJSCE: Hotel pod Wawelem

Plac na Groblach 22

31-101 Kraków

REJESTRACJA: iti.krakow@gmail.com

KOSZT: 400 zł

Bezpłatny udział dla członków ITI