



CAD/CAM

ADVANCED TRAINING

FMD|EX32

CAD-CAM Advanced M-Plant/ Zolid / Zolid FX

In-depth training of the scanner functionality (Ceramill Map400), CAD-Software (Ceramill Mind) and Match and Motion software. Confident, independent use of the system components scanner, software and milling unit. This course provides theoretical background knowledge and reliable handling with Ceramill Zolid/Zolid FX

Course content

Day 1

- _ Recording the topics of the course participants - these will be processed during the course
- _ Discussion of the various abutment systems and correct model fabrication for scanning
- _ Practical demonstration of the scanning procedure using the Map400
- _ Practical demonstration of the CAD software Ceramill Mind - M-Plant design of an emergence profile with the respective anatomical coping for the porcelain veneer
- _ Independent scanning of an abutment model, gingiva and scan body
- _ Independent designing of the abutment based on the scan data created
- _ Data upload function to the manufacture center
- _ Positioning the abutment components (emergence profile and copings) in the blank using the Ceramill Match nesting program - use of the 4th axis on the Ceramill Motion milling unit
- _ Calculation of the milling path and data transfer into Ceramill Motion milling unit
- _ Separating the milled framework from the blank

Day 2

- _ Design of a screw-retained abutment (one-piece emergence profile with screw channel and direct porcelain veneer)
- _ Detailing/preparation of the frameworks
- _ Overview of the individual components Ceramill Mind)
- _ Theory lecture: zirconia, especially Ceramill Zolid/Zolid FX
- _ Preparation of the coloring liquids
- _ Coloring of the Zolid bridges brought by the participants (handling with bridge units and fabricating "The 20-second-crown") and the abutments
- _ Staining the zirconia frameworks
- _ Use of the Ceramill Therm sinter furnace and placing the partially sintered blank frameworks on the sinter tray
- _ Presentation of further indications for Ceramill Zolid (vestibular veneering etc.)
- _ Use of the virtual articulator

Register now!

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Day 3

- _ Assessment of sintered results from the previous day
- _ Correct handling with zirconia
- _ Revision of the training contents from the previous day
- _ Software tips and special tools used in the design (fit control, marginal contouring, collar contouring, readjustment of the finished design etc.)
- _ Maintenance and care of the milling unit
- _ Fully independent working (real-time operation) and carrying out the complete working procedure learned in the course
- _ Closing discussion

ATTENTION:

This course is intended for participants who are already experienced in the use of the CAD software and now want to learn about the M-Plant design software as well as the possibilities of the Zirconia portfolio (basic course should be an essential prerequisite).

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