

Hands On Program CAD-CAM Restorative Workflow for Cortex implants	7 hours
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Implant system

- Cortex dental implants hexagon connection
- Cortex dental implants Conical connection

Course overview

These prosthetic rehabilitation courses are designed for clinicians who want to offer the latest CAD-CAM restorative options.

Purpose

To acquire the information and training necessary to start restoring single-implant and multiple implant cases using the CAD-CAM technology for Cortex Implants.

Learning outcome

The attendees should:

- Discover CAD/CAM-produced restorative options in zirconia, lithiumdisilicate (LiS2), titanium, CoCr and acrylics.
- Lear the digital work flowfor a large rangeof options that includes single and multiple-unit fixed restorations,, cement- and screw-retained restorations.
- Learn how to plan predictable prosthetic rehabilitation using the latest materials and digital tools.

Participants

General and specialist Dentist who want to develop your skills for CAD/CAM restorative procedures using Cortex Dental Implants

Time disposition

7 hours

Lectures & responsibility

The courses are presented by a clinician and a Lab technician trained with experience in Cortex Dental Implants procedures, along with support from CORTEX representatives.

Lecturer material

- Speakers notes (For presentation)
- Introduction presentation (To be given by the CORTEX Representative)
- Hands-on presentation(s)
- Keynote Presentation

The lecturer should utilize the Keynote presentation as a template for the program and integrate their material and cases into the presentation.

Participant material

- Speakers notes (slides as notes pages), to be distributed with other course materials
- Hands-on printed material, to be distributed prior to the workshop(s)
- Hands-on digital material, to be distributed after the workshop
- Implant, abutment replicas.
- Scan posts and scan bodies

Course content

- Digital diagnosis and treatment planning.
- CAD/CAM solutions. And systems available for Cortex Implants
- Restorative components for CAD-CAM restorations
- Properties and esthetics of different materials.
- Implant temporalization using CAD-CAM
- The importance of implant design in implant selection.

The course agenda is designed to provide a consistent lesson and should be followed as much as possible. Exceptions are to be approved by the Global Education Department. Time and disposition may be changed by the lectures.

Equipment and components	No. of copies
- Surgical Motor	1 per 2 participants
- Surgical Kit)	1 per 2 participants
- Implants Replicas (Hexagon and Conical)	1 of each per participant
- Prosthetic Kit	1 per 2 participants
- Model with implants in position. Hex and conical / single implant and 2 units bridge)	1 per participant
- Manuals:	
- Procedure & Products	1 per participant
- Pen Drive with Demo Videos	1 per participant
- Slides handouts with note fields	1 per participant
- Onmnicam Intraoral Scanner system (Cerec®)	1 per group
- Trios Intraoral Scanner System (3Shape)	1 per group
- Exocad Extraoral scanner	1 per group

Sales	No. of copies
Sales offer presented and distributed at the end of day 1 contains:	
- Sales brochures	1 per participant
- Sales offer containing a basic surgery kit	1 per participant

Confirmation Letter

- Add a few survey questions to the registration form, in order to establish the participants implant experience. (e.g., Do you currently restore implants? What implant systems are you currently using and what did you use in the past?, etc.)

1. Introduction	10 min.
Responsible: CORTEX Representative and Lecturer	
Purpose: The objective of the intro/closing sections is to create the CORTEX <i>family</i> feeling, give participants confirmation that they made the correct choice by selecting a CORTEX course. It will clearly show the benefits for the participants, and sets the stage for the course.	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Be ensured that CORTEX is the worldwide leader in implant solutions, training and education. 	

#	Content	Description
1	DVD – “CORTEX History”. 4.5 minutes.	<ul style="list-style-type: none"> - The DVD to be shown is the “CORTEX History” - The purpose of the movie is to start conveying a feeling of “Yes! I am in the right place”
2	CORTEX representative introduction. 4-6 minutes.	<ul style="list-style-type: none"> - Course introduction, Keynote presentation, and speaker introduction
3	Speaker presentation. 4 minutes.	<ul style="list-style-type: none"> - Speaker welcomes the participants - Speaker presents him- or herself, the participants present themselves to each other (if appropriate)

2. Treatment Plan for restorative Cases	30 min.
Responsible: Lecturer	
Purpose: To present the bases for CAD-CAM restorations	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Understand the principles and strategies for CAD-CAM restorations 	

#	Content	Description
1	Introduction to the Digital Language	<ul style="list-style-type: none"> - Dicom, stl, and image files - Open and closed systems - Libraries and compatibility
2	Strategies for digital work flow	<ul style="list-style-type: none"> - Digital impression - Conventional impressions - Bite registration materials - Digital articulators - Scan Posts - Scan Bodies

3. Options and Materials for CAD/CAM Restorations	1 hour 30 min
Responsible: Lecturer	
Purpose: To provide a comprehensive knowledge of advantages and options to restore Cortex implants using a digital flow.	
Learning outcome: The participants should: Understand the rational and advantages of the Cortex CAD-CAM restorative System.	

#	Content	Description
1	Abutment selection	<ul style="list-style-type: none"> - Conventional abutments - Ti-Bases (hex and non hex) - Multiunit abutments - Multidirectional Abutments
2	Material selection	<ul style="list-style-type: none"> - Materials and techniques for provisional restorations - Materials and techniques to restore single implants - Materials and techniques to restore single implants - Full anatomy - Crown and bridge framework design
3	Adhesion and cementation	<ul style="list-style-type: none"> - Adhesion to Silica based Ceramics - Adhesion to Zirconia - Adhesion to Titanium - Adhesion to PMMA and Resin Materials

4. Hands-on using Cerec Omnicam System	1 hour and 30 minutes
Responsible: Lecturers and CORTEX Representative	
Purpose: Provide participants an opportunity to work with the prosthetic components, instruments and procedures for Omnicam Cerec intraoral scanner using Cortex Implants	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Know the components for Omnicam system - Know the steps and sequence for the protocol - Know the sequence for intraoral scanning - Obtain a hands-on knowledge to elaborate a provisional restoration and final restoration using the Omnicam Cerec system - Be able to utilize the instruments and components used in the workshop. 	

#	Content	Description
1	Protocol for Omnicam System	<ul style="list-style-type: none"> - Keynote presentation introducing the hands-on, by lecturer - Film showing hands-on procedures
2	Intraoral scanning	<ul style="list-style-type: none"> - Using the Cortex components for Cerec system - Scanning of a selected case

5. Hands-on Trios System	1 hour and 30 minutes
Responsible: CORTEX Representative and Lectureres	
Purpose: Provide participants an opportunity to work with the prosthetic components, instruments and procedures for Trios 3shape intraoral scanner using Cortex Implants	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Know the components for Trios system - Know the steps and sequence for the protocol - Know the sequence for intraoral scanning - Obtain a hands-on knowledge to elaborate a provisional restoration and a final restoration using the Trios 3shape system - Be able to utilize the instruments and components used in the workshop. - 	

#	Content	Description
1	Protocol for Trios System	<ul style="list-style-type: none"> - Keynote presentation introducing the hands-on, by lecturer - Film showing hands-on procedures
2	Intraoral scanning	<ul style="list-style-type: none"> - Using the Cortex components for Trios system - Scanning of a selected case

6. Demonstration of Exocad System	1 hour 30 minutes
Responsible: Dental Technician	
Purpose: To show the exocad design tools to restore Cortex Implants	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Understand the digital protocol for Exocad - Understand the options and digital tools for Exocad 	

#	Content	Description
1	Demonstration cases	- Crown and bridge frame-work design Solutions using EXOCAD

7.	Wrap-up and course evaluation	30 min.
	Responsible: Lecturer and CORTEX Representative	
	Purpose: To confirm the key issues and messages of the course. To ensure the participants leave with the confidence and enthusiasm to take the next step and support a decision to start using MAGIX™.	
	Learning outcome: The participants should: <ul style="list-style-type: none">- Know the features and benefits of Cortex Implant System- Understand that Cortex Dental Implants provides easy solutions for Immediate Implant placement- Leave confident and motivated to integrate Cortex Products in to their practices.	

