

Global Education Development

Hands-On Program Multi-Unit abutments Work flow for Cortex implants	9 hours
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Implant system

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

Course overview

These prosthetic surgical and prosthetic course is designed for clinicians who want to offer the advantages of Multi-unit system.

Purpose

To acquire the information and training necessary to use the multi-unit system from the surgical and prosthetic point of view for restoring basic and complex cases.

Learning outcome

- The attendees should:
- Review of the guidelines for diagnosis and treatment planning of full and partial implant-retained prostheses.
 - Learn the work flow for the management of multiunit system including Basic and complex cases.
 - Know the advantages and limitations of multiunit system for the restoration of multiple implants cases
 - Apply traditional and digital CAD/CAM procedures for Cortex Multi-unit system.

Participants

General and specialist Dentist who want to develop your skills to use multi-unit system for the restoration of Cortex Dental Implants

Time disposition

9 hours

Lectures & responsibility

The courses are presented by a clinician 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.
- Impression copings, Scan posts and Scan bodies

Course content

- Diagnosis and treatment planning for multiple implants and edentulous cases
- Biological and scientific bases for the use of multiunit system
- Implement step-by-step implant surgical and prosthetic protocols for multiunit system.
- Restorative components for multi unit system
- Implant temporalization using multiunit system (digital and conventional)
- Final prostheses for multi unit cases (materials, prosthetic design)

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. 3 units Bridge model and 4 implants model with 2 implants in straight position and 2 implants tilted for all on four protocol)	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
- 3 Shape extraoral Scanner System (3Shape)	1 per group
- Exocad software and 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.	Diagnosis and Treatment Plan for Multiple Implant Cases	2 hours.
	Responsible: Lecturer	
	Purpose: To present the bases for the treatment of partial and complete edentulous cases using multi-unit system	
	Learning outcome: The participants should: <ul style="list-style-type: none"> - Understand the principles and strategies to restore cases using multiunit system 	

#	Content	Description
1	Diagnosis	<ul style="list-style-type: none"> - Concepts of diagnostics and treatment options for advanced rehabilitation of partial and complete edentulous patients - Indications and limitations of treatment with Multi-unit system -
2	Treatment plan for partial and edentulous cases using multi-unit system	<ul style="list-style-type: none"> - Evidence-based proven protocols for the proper treatment planning of partial and full-arch implant cases. - Conventional and immediate loading protocols

3.	Biological and Scientific Bases for Multi-Unit System, Multi-unit components	1 hour 30 minutes
	Responsible: Lecturer	
	Purpose: To provide a comprehensive knowledge of advantages and options to restore Cortex implants using Multi-unit system.	
	Learning outcome: The participants should: Understand the rational and advantages of the Cortex multiunit System.	

#	Content	Description
1	Osteointegration and soft tissue around implants	<ul style="list-style-type: none"> - Bone biology related with dental implants - Drilling protocols - Biomechanics - Cortex implant design and indications -
2	Maintaining bone and soft tissue	<ul style="list-style-type: none"> - Implant position protocols - Soft tissue stabilization - One abutment one time concept
3	Surgical and Prosthetic components for multi-unit system	<ul style="list-style-type: none"> - Straight Multiunit - Angled Multi-unit options - Angulations tools - Impression copings - Scan bodies for CAD-Cam options - Ti-bases for multiunit system

4.	Convectional and Digital Prosthetic Options for Temporary and Final Prostheses	2 hours
Responsible: CORTEX Representative and Lecturers		
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	Treatment options for partial fixed denture using multi-unit system	<ul style="list-style-type: none"> - Review the indications/contraindications of implant-related treatment options - Multi-unit abutment selection - Materials and techniques for provisional restorations - Bridge framework design - Materials and techniques to final restoration
2	Treatment options for advanced rehabilitation of the edentulous maxilla and mandible	<ul style="list-style-type: none"> - Materials and techniques for provisional restorations - Materials and techniques to final restoration - Full arch framework design - indications and limitations of treatment options - Review scientific support material and clinical evidence - Discuss prosthetic maintenance and complication management

5.	Hands on Program Restorative Workflow for Cortex Multiunit System	1 hour
Responsible: Lecturer and CORTEX Representative		
Purpose: Provide participants an opportunity to work with the surgical and prosthetic components, instruments and procedures for Cortex Multi-unit System		
Learning outcome: The participants should: <ul style="list-style-type: none"> - Know the components for Multi-unit system - Know the steps and sequence for the protocol - Know the protocol for Impressions with multi-unit system - Obtain a hands-on knowledge to elaborate a provisional restoration using the multi-unit system components - Be able to utilize the instruments and components used in the workshop. 		

#	Content	Description
1	Protocol for multi-unit impressions	<ul style="list-style-type: none"> - Keynote presentation introducing the hands-on, by lecturer - Film showing hands-on procedures - Impression making using a simulated model
2	Protocol for provisional and final restoration	<ul style="list-style-type: none"> - Keynote presentation introducing the hands-on, by lecturer - Film showing hands-on procedures - Provisional making using a simulated model

6. Demonstration of Exocad and 3shape options to restore Multi-unit System	1 hour 30 minutes
Responsible: CORTEX Representative and Lecturers	
Purpose: To show the exocad and 3shape desing tools to restore Cortex Multi-unit system	
Learning outcome: The participants should: <ul style="list-style-type: none"> - Understand the digital protocol for Exocad and 3shape - Understand the options and digital tools for Exocad and 3shape 	

#	Content	Description
1	Demostration cases	<ul style="list-style-type: none"> - Digitization of simulated clinical case - Bridge framework and full arch design Solutions using EXOCAD and 3Shape.

7.	Wrap-up and course evaluation	20 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 Cortex Multi-unit System.		
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. 		

#	Content	Description
1	Wrap-up	<ul style="list-style-type: none"> - An essential summary of the key issues of the course - Follow-up the sales offer presented to the participants at the end of the first day (attractive) - Time for questions and discussions
2	Course evaluation	<ul style="list-style-type: none"> - Distribute the course evaluation questionnaire to each of the participants to collect their feedback and input for improvement - Distribute a printed and signed course certificate to each participant