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Regeneration around Compromised Teeth and Implants: Theory, Hands-on and Video Demonstrations

April 1 – 4, 2020

Course Itinerary

Wednesday, April 1

07:25 am	Meet in the lobby for shuttle from the Hotel Pullman San Francisco Bay to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	Lecture: Biologic and clinical background <ol style="list-style-type: none">1. Rationale of periodontal regeneration: intrabony defects, furcation involvements and peri-implant defects2. Classification of periodontal and implant osseous defects3. Diagnosis and case selection4. Basic evidence of periodontal regenerative material<ul style="list-style-type: none">-bone and bone substitutes-barriers-wound healing modifiers-combination therapy5. Clinical evidence of periodontal regeneration6. Clinical efficacy and generalizability7. The problem of variability of clinical outcomes
10:30 am - 11:00 am	Break
11:00 am - 12:30 pm	Lecture: The patient and the defect <ol style="list-style-type: none">1. Patient prognostic factors and their control2. Defect prognostic factors and their control
12:30 pm - 01:30 pm	Lunch
01:30 pm - 03:30 pm	Practical exercises: Case studies <p>Diagnosis</p> <ul style="list-style-type: none">- Evaluation of defect anatomy- Assessment of defect and patient prognostic factors- Strategy to control prognostic factors <p>Plenary discussion</p>
03:30 pm - 04:00 pm	Break
04:00 pm - 05:30 pm	Lecture: The clinical approach <p>Cause-related therapy and soft-tissue preservation, recipe for a good start</p> <p>Control of periodontitis and peri-implantitis</p>



Regeneration around teeth and implants in the global treatment plan: timing and interactions

05:30 pm - 07:00 pm

Welcome Reception and “Networking” Dinner at IDEA

07:00 pm

Shuttle from IDEA to the Hotel Pullman San Francisco Bay

Thursday, April 2

07:25 am

Meet in the lobby for shuttle from the Hotel Pullman San Francisco Bay to IDEA

07:45 am

Breakfast at IDEA

08:30 am - 10:30 am

Lecture: Incisions. How to enhance soft tissue manipulation

1. Basic principles for soft tissue manipulation
 - blood supply
 - Soft tissue thickness
 - The concepts of “stability” and “tension”
 - Full and split-thickness flaps
 - The manipulation of the interdental papilla: key issue
2. The microsurgical approach
3. Suturing: materials and soft tissue response
4. Biologic foundations to select the regenerative strategy
5. Evolution of flap approaches and clinical outcomes

10:30 am - 11:00 am

Break

11:00 am - 01:00 pm

Lecture: Sutures. How to optimize primary closure of flaps

The suturing techniques

- Passing suture
- Internal mattress sutures
- Multilayer suturing approaches
- Monolayer suturing approaches

Hands-on training: Sutures. How to optimize primary closure of flaps

1. Choice of instruments and materials (Microsurgical tray)
2. Suturing techniques (silicon model)
 - Passing suture
 - Internal mattress sutures
 - Multilayer suturing approaches
 - Monolayer suturing approaches
3. Microsurgery and micro-sutures (chicken heart model)

01:00 pm - 02:00 pm

Lunch

02:00 pm - 03:30 pm

Lecture: Papilla preservation flaps (extensive video demonstrations)

1. The modified papilla preservation flap
2. The simplified papilla preservation flap
3. The multilayer suturing techniques



03:30 pm - 04:00 pm	Break
04:00 pm - 06:00 pm	Hands-on training: Papilla preservation flaps <ol style="list-style-type: none">1. The papilla preservation flap2. Barrier & biomaterial positioning3. The multilayer suturing techniques
06:30 pm	Shuttle from IDEA to the Hotel Pullman San Francisco Bay

Friday, April 3

07:25 am	Meet in the lobby for shuttle from the Hotel Pullman San Francisco Bay to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	Lecture: Minimally invasive procedures (extensive video demonstrations) <ol style="list-style-type: none">1. The minimally invasive surgical technique2. The modified minimally invasive surgical technique3. The monolayer suturing techniques
10:30 am - 11:00 am	Break
11:00 am - 01:00 pm	Hands-on training: Minimally invasive procedures <ol style="list-style-type: none">1. The minimally invasive surgical technique2. The modified minimally invasive surgical technique3. The monolayer suturing techniques
01:00 pm - 02:00 pm	Lunch
02:00 pm - 03:30 pm	Lecture: surgical treatment of peri-implantitis (extensive video demonstrations) <ol style="list-style-type: none">1. Flap design: papilla preservation flaps and minimally invasive surgery2. Implant surface decontamination3. Regenerative strategy4. Suturing techniques Hands-on training: surgical treatment of peri-implantitis <ol style="list-style-type: none">1. Papilla preservation flaps2. Minimally invasive surgery Lecture continues: The post-surgical period
03:30 pm - 04:00 pm	Break
04:00 pm - 05:30 pm	Lecture: Potential and limits of periodontal regeneration <ol style="list-style-type: none">1. Clinical outcomes of different regenerative strategies2. Patient outcomes3. Treatment of endo-perio lesions: the very severe cases4. Cost benefit analysis of the regenerative approach
06:00 pm	Shuttle from IDEA to the Hotel Pullman San Francisco Bay



Saturday, April 4

07:25 am	Meet in the lobby for Shuttle from the Hotel Pullman San Francisco Bay to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	Lecture: Regeneration in daily practice: when to do what <ol style="list-style-type: none">1. A strategy to apply periodontal regeneration2. Clinical flow charts: when to do what3. Post-surgical protocols: medications, home care, professional checks4. Management of complications5. Long term-outcomes
10:30 am - 11:00 am	Break
11:00 am - 12:30 pm	Lecture: Regeneration in multi-rooted teeth with furcation involvement <ol style="list-style-type: none">1. Prognosis of furcated teeth.2. How to diagnose and manage the vertical and the horizontal components.3. Regenerative surgical approach in Class II furcations4. Regenerative surgical approach in Class III furcations5. Selection of the regenerative material6. Suturing technique
12:30 pm - 01:30 pm	Lunch
01:30 pm - 03:00 pm	Practical exercises: Treatment planning <ol style="list-style-type: none">1. Presentation of clinical cases2. Plenary buildup of treatment planning3. Presentation of the clinical solution
03:00 pm - 03:30 pm	Break
03:30 pm - 05:30 pm	General discussion & course summary
05:30 pm - 07:00 pm	Graduation Ceremony and Celebration Dinner at IDEA
07:00 pm	Shuttle from IDEA to the Hotel Pullman San Francisco Bay

"Dr. Cortellini is a natural and passionate teacher. His course is methodical, organized and extremely informative. Following the course, he leaves you with a good course of action and a responsible way to integrate the new information and skills.

Donna Massoth, Periodontist, Seattle, WA

"An excellent course, that met my expectations. Definitely, worth the investment. Looking forward to implementing what I learned into my clinical practice. Kudos to Bob, Prof. Cortellini, and the entire team at IDEA."

Michael Whang, Periodontist, Encino, CA