IDEA Interdisciplinary Dental Education Academy

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

September 23 – 26, 2025

Course Itinerary

Tuesday, September 23

07:25 am	Meet in the lobby for shuttle from the Hotel to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	**Lecture: Biologic and clinical background** 1. Rationale of periodontal regeneration: intrabony defects, furcation involvements and peri-implant defects 2. Classification of periodontal and implant osseous defects 3. Diagnosis and case selection 4. Basic evidence of periodontal regenerative material -bone and bone substitutes -barriers -wound healing modifiers -combination therapy 5. Clinical evidence of periodontal regeneration 6. Clinical efficacy and generalizability 7. 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** 1. Patient prognostic factors and their control 2. Defect prognostic factors and their control
12:30 pm - 01:30 pm	Lunch
01:30 pm - 03:30 pm	**Practical exercises: Case studies** Diagnosis - Evaluation of defect anatomy - Assessment of defect and patient prognostic factors - Strategy to control prognostic factors Plenary discussion
03:30 pm - 04:00 pm	Break
04:00 pm - 05:30 pm	**Lecture: The clinical approach** Cause-related therapy and soft-tissue preservation, recipe for a good start Control of periodontitis and peri-implantitis

	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

Wednesday, September 24

07:25 am	Meet in the lobby for shuttle from the Hotel 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** 1. The papilla preservation flap 2. Barrier & biomaterial positioning 3. The multilayer suturing techniques
06:30 pm	Shuttle from IDEA to the Hotel

Thursday, September 25

07:25 am	Meet in the lobby for shuttle from the Hotel to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	**Lecture**: **Minimally invasive procedures (extensive video demonstrations)** 1. The minimally invasive surgical technique 2. The modified minimally invasive surgical technique 3. The monolayer suturing techniques
10:30 am - 11:00 am	Break
11:00 am - 01:00 pm	**Hands-on training: Minimally invasive procedures** 1. The minimally invasive surgical technique 2. The modified minimally invasive surgical technique 3. 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)** 1. Flap design: papilla preservation flaps and minimally invasive surgery 2. Implant surface decontamination 3. Regenerative strategy 4. Suturing techniques **Hands-on training: surgical treatment of peri-implantitis** 1. Papilla preservation flaps 2. 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** 1. Clinical outcomes of different regenerative strategies 2. Patient outcomes 3. Treatment of endo-perio lesions: the very severe cases 4. Cost benefit analysis of the regenerative approach
06:00 pm	Shuttle from IDEA to the Hotel

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Friday, September 26

07:25 am	Meet in the lobby for Shuttle from the Hotel to IDEA
07:45 am	Breakfast at IDEA
08:30 am - 10:30 am	**Lecture: Regeneration in daily practice: when to do what** 1. A strategy to apply periodontal regeneration 2. Clinical flow charts: when to do what 3. Post-surgical protocols: medications, home care, professional checks 4. Management of complications 5. 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** 1. Prognosis of furcated teeth. 2. How to diagnose and manage the vertical and the horizontal components. 3. Regenerative surgical approach in Class II furcations 4. Regenerative surgical approach in Class III furcations 5. Selection of the regenerative material 6. Suturing technique
12:30 pm - 01:30 pm	Lunch
01:30 pm - 03:00 pm	**Practical exercises: Treatment planning** 1. Presentation of clinical cases 2. Plenary buildup of treatment planning 3. 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

" Dr. Sandro Cortellini has exceeded my expectations. He is not only a great clinician, researcher, and instructor, but also a very approachable and friendly human being. I cannot be more proud of having taken his course and educating my patients and colleagues in what should be the standard of care. Thank you, Heike, and IDEA, for the opportunity."
Luis Pagan, Periodontist, Lake Oswego, OR

" I had always wanted to attend a Dr. Cortellini course. His research and work are a source of inspiration for how I envisioned working in my practice. After attending his IDEA course, I was not disappointed. Grateful for the opportunity to learn from such a giant in my field."
Francisco Carlos, Periodontist, Falls Church, VA

" As an oral surgeon, Dr. Cortellini opened my eyes to surgical procedures and treatment planning that I find truly invaluable and that can be applied to my practice. Thank you."
Matthew Dudziak, Oral Surgeon, Upland, CA