

In collaboration with **OsteoBiol**[®]
by TecnoSS

CHIA, Italy
21st June 2025

**COURSE ON
HORIZONTAL
& VERTICAL
AUGMENTATION IN
THE ESTHETIC AREA**

PROF. LUIGI
CANULLO

PROF. ARNDT
HAPPE



**HORIZONTAL
& VERTICAL
AUGMENTATION**

THE CLINICAL CHALLENGE

Clinicians can effectively address Horizontal & Vertical augmentation while prioritizing patient comfort and reducing the duration of the surgery through the strategic use of Dual-Phase collagenic biomaterials. By combining these xenografts, partially or completely with autogenous bone and porcine cortical bone barriers, clinicians can achieve predictable outcomes.

COURSE OBJECTIVES

Participants will be able to learn:

- the biological advantages of the Dual-Phase collagenic biomaterials
- how to regenerate post-extraction sites: procedures for Guided Bone Regeneration (GBR)
- the treatment of Horizontal defects with a cortical bone barrier
- the treatment of Vertical defects with a cortical bone barrier

CLINICAL CONTENTS

On Guided Bone Regeneration

- the biological basis of bone regeneration: a quick overview
- the importance of collagen for bone regeneration: a quick overview
- clinical scenarios and specific therapeutical approaches

On Horizontal & Vertical augmentation

- the classification of bone defects
- a selected overview of surgical protocols with a focus on novel minimally invasive procedures to treat Horizontal & Vertical defects
- the Modified Shell Technique for the treatment of Vertical defects
- tips and tricks to achieve successful esthetic outcome

CHOICHE OF MATERIALS

Dual-phase collagenic biomaterials have the advantage to be gradually resorbable giving more space for newly formed bone.

In addition, biomaterials with a temperature-sensitive gel can give an adjunctive advantage for the stabilization of the graft.

HANDS-ON EXPERIENCE

The hands-on experience will take you through the main issues of bone reconstruction with collagenic cortical bone barriers and Dual-Phase biomaterials for Horizontal & Vertical defects.

- The Modified Shell Technique for the treatment of Vertical defects
- Treatment of Horizontal defects and Guided Bone regeneration techniques
- Instruments, techniques and times in the handling of Dual-Phase ready to use biomaterials

THE SPEAKERS



PROF. LUIGI CANULLO

**LEADING EXPERT
ON PROSTHETIC REHABILITATION**

- Visiting Professor at the University of Bern, Switzerland
- Associate Professor at the University of Genova, Department of Integrated Surgical and Diagnostic Sciences, Italy
- Active Member of the European Academy of Osseointegration (EAO)
- Active Member of the Italian Academy of Osseointegration (IAO)
- Author of more than 200 scientific articles



PROF. ARNDT HAPPE

**LEADING EXPERT
ON IMPLANTOLOGY OF THE
ESTHETIC ZONE**

- Private Practice dedicated to Implantology, Periodontology & Esthetic Dentistry, Münster, Germany
- Professor at the University of Ulm, Germany
- Developer of the Modified Shell Technique
- Active Member of the European Academy of Esthetic Dentistry (EAED)
- Board Member of the European Academy of Osseointegration (EAO)
- Author of book "Success with Implants in the esthetic zone" together with Dr. Körner and several Coauthors, and numerous scientific articles

THE PROGRAM

Saturday 21st June 2025

- 09:00 - 11:00 Theoretical session on Guided Bone Regeneration - Prof. Canullo
From the biological basis of bone regeneration to the most appropriate clinical protocols
- 11:00 - 11:30 Coffee break
- 11:30 - 13:00 Theoretical session on the treatment of Horizontal & Vertical defects - Prof. Happe
From the classification of bone defects to the most appropriate clinical protocols
- 13:00 - 14:00 Lunch Break
- 14:00 - 17:00 Hands-on sessions in two parts
Prof. Canullo on Horizontal augmentation
Prof. Happe on Vertical Augmentation



GENERAL INFORMATION

Date

Saturday 21th June 2025, 09:00 - 18:00

Venue

Chia Laguna Hotel Village *
Viale Belvedere | Chia | ITALY

SECRETARIAT

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REGISTRATION AND CANCELLATION

Registration

Registration fee includes all lectures and Friday social dinner

Registrations fee € 1.000 (plus VAT when applicable)

Cancellations

50% reimbursement before [21st May 2025](#)

No reimbursement after [21st May 2025](#)

Should the minimum number of participants not be reached, the course might be cancelled within [7th June 2025](#)

Registration fee paid prior to this date will be reimbursed, if requested no later than [21st May 2025](#)

[No flight tickets or hotel bookings will be reimbursed](#)

*Chia Laguna Hotel Village is 50 minutes away from Cagliari Airport.
Transfer from airport to the course venue **can be reserved only** after the final confirmation of your place on the course and subject on provider availability.



Tourist info