

**COURSE LOCATION**  
**CLINICA MERLI**

Viale Luigi Settembrini, 47923 Rimini RN  
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**COST OF COURSE**

€ 1.800,00 + TAX

**FOR PAYMENT PLEASE TO CONTACT**  
**TUEGS**

Via Donatori del Sangue, 1  
58015 Orbetello - GR - ITALY  
Tel. 0039 0564 865442

**ADVANCED COURSE OF  
RECONSTRUCTIVE BONE  
SURGERY AND INTEGRATED  
REHABILITATION**

**RIMINI**  
**8 - 9 - 10 October 2018**



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**Dr. MAURO  
M E R L I**

*The price includes:*

- Scientific course
- Practical part with use of the instruments and products for to work on pig jaws
- Coffee break and lunch for Monday and Tuesday
- Coffee break for Wednesday
- Dinner at the end of course

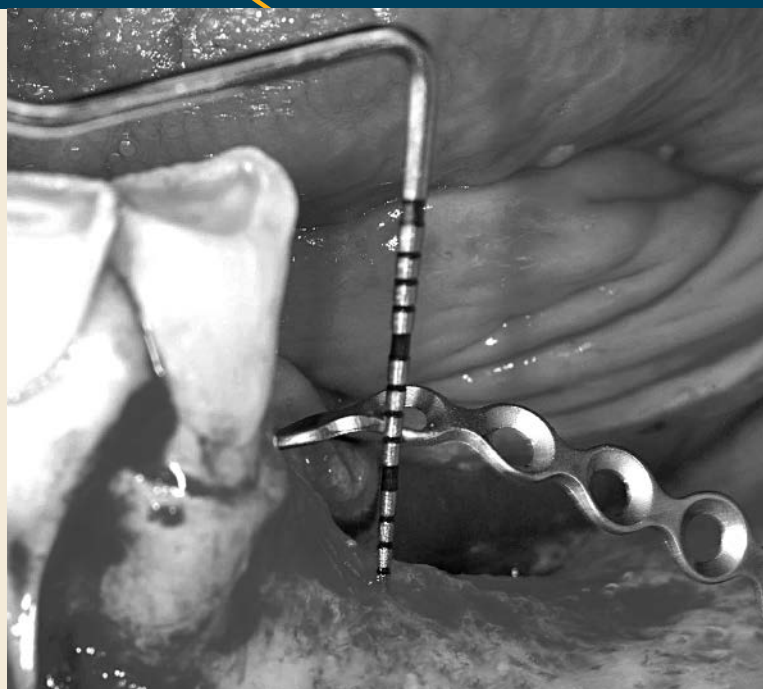
**FOR INFORMATION AND REGISTRATION:**

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## Fence Technique

The "Fence Technique" is a novel bone reconstructive technique based on guided bone regeneration for extensive three-dimensional hard tissue augmentation. This two-stage technique utilizes bioresorbable osteosynthesis plates, pins, and collagen membranes that form a physical barrier resembling a fence, which contains the bone graft biomaterials composed of a combination of deproteinized bovine bone matrix and autologous bone grafted from intraoral sites. This technique can result in significant bone regeneration with minimal patient discomfort. Four case reports are presented in the article published on International Journal of Periodontics & Restorative Dentistry (2013). Histologic analysis of specimens shows the presence of mature bone. This procedure yields favorable results for bone formation, implant placement, and patient satisfaction.

## Mini-Fence Technique

The "Mini-Fence Technique" is a novel bone reconstructive technique based on guided bone regeneration for localized three-dimensional hard tissue augmentation. This two-stage technique utilized a titanium osteosynthesis plate and a collagen membrane to form a physical barrier resembling a fence that contains bone graft biomaterial composed of a combination of deproteinized bovine bone matrix and autologous bone grafted from intraoral sites. Six case reports are presented in the article published on International Journal of Periodontics & Restorative Dentistry (2015). At 6 months postsurgery, an increase in bone volume of 953 mm<sup>3</sup> was shown. Mean maximum linear augmentation in the vertical direction was 6.75 mm. Histologic analysis of the regenerated area revealed the presence of compact newly formed bone with no sign of inflammation. A total of 13 implants were placed. Peri-implant marginal bone level was 0.94 mm at implant placement and 1.30 mm after 6 months. The patients were satisfied with the procedure and no complications were observed.

## Wafer Technique

The "Wafer Technique" is a novel technique based on guided bone regeneration and onlay grafts for three-dimensional bone augmentation. This two-stage technique uses an autogenous cortical bone plate and collagen membranes to form a barrier containing a mixture of deproteinized bovine bone matrix, autologous blood, and bone grafted from intraoral sites. Five case reports are presented in the article published on International Journal of Periodontics & Restorative Dentistry (2017). At 6 months postsurgery, a mean increase in bone volume of 1,062 mm<sup>3</sup> was shown. Mean maximum linear augmentation was 3.65 mm. Histologic analysis of the regenerated areas revealed the presence of compact newly formed bone with no sign of inflammation. A total of 13 implants were placed. The patients were satisfied, and complications were not observed.



**Dr. Mauro Merli** earned his degree in Medicine and Surgery at the University of Bologna in 1986, and in 1989 in Odontostomatology.

He is an active member of the Italian Society of Periodontology, The Italian Academy of Prosthetic Dentistry and of the European Association for Cranio-Maxillofacial Surgery.

Dr. Merli held the position of Secretary, Treasurer, Vice-president and President of SIdP. Author of Volume I and II of the multimedia book 'Implant Therapy: The Integrated Treatment Plan' and several scientific articles, Dr. Merli lectures in National and International conferences and courses. Together with his brother Aldo and sister Monica, Dr. Merli runs a private practice founded by his father Mario. Dr. Merli is Professor of Periodontology (UPM), President of the Clinica Merli and Scientific Director of Accademia Dentofacciale Merli. He is also on the Editorial Board of the European Journal of Oral Implantology and an Editorial Consultant for the International Journal of Periodontics and Restorative Dentistry.

TOPICS COVERED: Oral Surgery

## PROGRAM

### MONDAY 8 Ottobre 2018

- Introduction
- Diagnosis: conformation and reorganization rehabilitation
- Integrated treatment plan and timing
- Vertical and horizontal GBR
- Fence Technique and Wafer Technique
- Prosthetic planning: from the management of the provisional restoration to the final prosthesis
- Interdisciplinary cases: the contribution of orthodontic and maxillo-facial surgery

### TUESDAY 9 Ottobre 2018

- Presentation of the clinical case
- Live surgery
- Exercise and theory: simulation of treatment plan based on initial patient clinical data (with case resolution at the end).

### WEDNESDAY 10 Ottobre 2018

- Hands on training
- Final considerations
- Delivery of certificates