



Minimally invasive prosthetic procedures (MIPP) in prosthetic rehabilitation

Dr. Mauro **FRADEANI** | Dr. Leonardo **BACHERINI**

PESARO, ITALY - OCTOBER 15-18, 2025

Abstract | October 15-18, 2025

The design of full-mouth rehabilitation for an optimal esthetic result requires correct treatment planning, determination of a suitable ceramic material, and skillful application and techniques. Current technologies validly support the clinician in the definition of an ideal treatment plan and the optimization of time and costs. In particular, the dentist can count on new digital tools guiding him or her in the step-by-step collection of all the necessary data. The selection of the ceramic material with the dental technician is another fundamental step in the management of complex rehabilitation cases.

A systematic approach based on 35 years of experience allows today the dentist to address highly compromised clinical situations with the application of minimally invasive prosthetic procedures (MIPPs). Through the alteration of the vertical dimension of occlusion (VDO), it is possible to take advantage of the newly created space between the two arches. The result of this technique is a dramatic minimization of the invasiveness of the prosthetic treatment when seating veneers, full veneers, buccal-occlusal veneers, even with reduced ceramic thickness. This procedure also enables the clinician to re-establish an ideal occlusal relationship and avoid additional endodontic and/or surgical procedures, which previously were necessary in order to improve the retention of the restorations.

Finally, the maintenance of a maximum amount of enamel, combined with the use of the appropriate bonding technique, guarantees remarkable resistance of the restorations and a long-lasting result of the prosthetic rehabilitation.

A 14-year follow-up of this technique will be demonstrated through the presentation of clinical cases.

Learning objectives:

- Learn how to determine an appropriate esthetic and functional treatment plan with a digital approach.
- Learn how to minimize the invasiveness of the prosthetic treatment by altering the VDO, reducing the ceramic thickness and using appropriate bonding procedures.
- Learn how to achieve a predictable and long-lasting esthetic and functional full-mouth prosthetic rehabilitation.



Course information

Course fee

» €3.900,00

Payment modalities

BANK TRANSFER

MAURO FRADEANI EDUCATION Srl

Banca Intesa San Paolo, filiale 04010,
Corso XI Settembre, 94 - 61121 Pesaro (PU)
Bank account: 00016870
IBAN: IT69 0030 6913 3041 0000 0016 870
BIC/SWIFT: BCITITMM

PAYPAL

to
info@maurofradeanieducation.com



The Facility

ACE INSTITUTE
Dr. Mauro FRADEANI

Corso XI Settembre 92
61121 Pesaro (PU)

How to register

You can enroll **online on our website**
www.fradeanieducation.com or
by contacting us:
info@fradeanieducation.com
+39 (0)721 64359 (Phone or WhatsApp).

ONLINE



ESTHETIC AND FUNCTIONAL ANALYSIS

Esthetic parameters

- » Facial analysis
- » Dento-labial analysis
- » Phonetic analysis
- » Dental analysis
- » Gingival analysis

Esthetic checklist

- » Indispensable tool for the clinician

GETApp: Guided Esthetic Treatment application by Fradeani Education

Direct and indirect mock-up

Functional analysis and occlusal considerations

- » CR: why, when and how
- » MI: why, when and how
- » Occlusal-vertical dimension (OVD): how and when to modify it?
- » Anterior guidance: how to optimize it?
- » Parafunctions: can the occlusion play a role in the bruxer patient?
- » Worn dentition: different etiology and related treatments



CLINICAL AND TECHNICAL PROCEDURES: A STEP-BY-STEP APPROACH

Communicating with the laboratory

- » Laboratory chart
- » Data transmission to the laboratory for the diagnostic wax-up
- » Facebow and esthetic orientation
- » Communication of the anterior guidance and occlusal schema to the technician with a customized incisal guide table
- » Mounting and setting the articulator

Innovative tooth preparations

- » Types of preparations: tradition vs. innovation
- » How to handle the cervical area, the incisal area, the interproximal area
- » How to perform the final preparation design for crowns, veneers, full veneers and buccal-occlusal veneers

- » Finishing techniques of tooth preparation
- » Common mistakes: suggestions and clinical recommendations to avoid them

Tooth impressions

- » How to define the marginal finishing
- » 1 or 2-cords technique to highlight the margin
- » Traditional vs. digital impressions

Provisional restoration

- » Direct vs. indirect technique
- » Provisional restoration design for an optimal insertion and finishing



THE MINIMALLY INVASIVE PROSTHETIC PROCEDURES

MIPP 0

- » Additional veneers on anterior and posterior areas

MIPP 1

- » Buccal veneers
- » Indirect partial posterior restorations

MIPP 2

- » The new concept of full-veneers
- » The use of veneers and full veneers to optimize esthetics and function: innovative concepts

MIPP 3 - The prosthetic revolution

- » A 14-year experience
- » VDO alteration: when, why and how
- » Tooth structure maintenance: a key to success
- » Bonding procedure
- » How the MIPP 3 technique can dramatically improve the patient's satisfaction

Hands-on training

- » Centric relation and protrusive records
- » Occlusal records and facebow records on patient



ALL-CERAMIC RESTORATIONS AND ADHESIVE BONDING PROCEDURE

All-ceramic restorations

- » Clinical parameters for long-term success
- » Glass-ceramics
- » Zirconia-based ceramics
- » Use of the Natural Die Material shadeguide for the definition of the color of the abutment
- » Discolored dentition: alternative and options in case of heavily discolored teeth
- » How to avoid fractures or chipping
- » A 35-year clinical follow-up with different ceramic materials

Adhesive bonding

- » Biscuit try-in and cement selection
- » Selection of the adequate bonding system

- » Step-by-step procedure of the adhesive bonding
- » Occlusal adjustment
- » Final polishing

Hands-on training

Step-by-step tooth preparation for:

- » Crowns
- » Veneers
- » Full veneers
- » Buccal-occlusal veneer

Step-by-step bonding procedure of the restorations

Videos of clinical cases treated with the MIPP technique



The speakers

Mauro **FRADEANI**

Past President of EAED - European Academy of Esthetic Dentistry (biennial 2003/2004) and Past President of AIOF - Accademia Italiana di Odontoiatria Protesica (biennial 1999/2000), he has served as Visiting Associate Professor in Prosthetics at Louisiana State University - New Orleans (USA) from 1999 until 2008. Active Member of The American Academy of Esthetic Dentistry, he maintains membership in The American Academy of Fixed Prosthodontics. He is Founder and Director of ACE Institute and of Fradeani Education.

He has been a member of the Editorial Board of Practical Procedures & Aesthetic Dentistry (PPAD) and presently is Associate Editor of The International Journal of Esthetic Dentistry (IJED) and member of the Editorial Advisory Board of the Journal of Esthetic and Restorative Dentistry (JERD). He is the author of the book “Esthetic Rehabilitation in Fixed Prosthodontics” translated into 12 languages, Vol 1 “Esthetic Analysis” and Vol 2 “Prosthetic treatment: a systematic approach to esthetic, biologic and functional integration”, published by Quintessence International. He runs a private practice limited solely to prosthetics on natural dentition and on implants in Pesaro (Italy).





Leonardo **BACHERINI**

He received his dental technology certificate in 1988 at Istituto Tecnico Leonardo da Vinci in Florence, and after graduating in Dentistry at the University of Florence in 1995, he followed several annual and biennial postgraduate programs with highly qualified Italian lecturers such as

Dr. M. De Sanctis, Dr. M. Fradeani,
Dr. M. Molina and Dr. M. Simion.

He has been a member of the Nobel Biocare Mentor Project performing live surgery courses, he lectures nationally and internationally on prosthodontics and implants and he has been appointed Master Tutor of the ACE Institute, Dr. Mauro Fradeani's Educational Center.

Member for more than ten years of the Italian Society of Prosthetic Dentistry, he is an Active Member of the Italian Academy of Esthetic Dentistry. He is the author of scientific articles published in Italian and international magazines and he focuses his professional activity mainly on Prosthodontics and Implants in his private practice in Florence.

with the contribution of the Fradeani Education faculty



The Facility

The **ACE Institute**, Advanced Continuing Education Centre, was created in 2000 by Mauro Fradeani with the aim of expanding clinical knowledge and sharing professional skills and scientific update in esthetic dentistry.

The course facility is located in a 17th century building, in the historical center of Pesaro, Italy and it can accommodate up to 36 participants.

A professional audio-visual equipment allows easy connection with the conference room for an optimal interface with the course participants during live-treatments.

The second floor offers 18 lab stations for hands-on courses. Free wi-fi connection is available in all the rooms. Simultaneous translation set-up can be organized upon request.





PESARO, ITALY

Pesaro is a popular seaside resort on Italy's Adriatic Coast with a population of around 100.000. The ACE Institute is located in the historic centre of the city which is only a few minutes' walk from the seafront.

HOW TO REACH US

Pesaro is well connected by train with these airports: Ancona, Bologna and Rome. Timetables and train connections are available on www.trenitalia.com.

If you are planning to rent a car, the distance from major airports to Pesaro is the following: from Ancona: 55 kms, from Bologna: 135 kms, from Milano: 350 kms, from Roma: 370 kms.

Should you wish to have a transfer organized from/to the airport by car, you can contact us for further assistance.



FRADEANI EDUCATION
Corso XI Settembre, 92
61121 - Pesaro (PU)
tel. +39 0721 64359
info@fradeanieducation.com
www.fradeanieducation.com



You can find all the information about our courses on
www.fradeanieducation.com