

speaker Dr. Mauro **FRADEANI**

FRADEANI
EDUCATION

Dental **ED**

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NT AND TOOTH POS

from **JUNE 28**
to **JULY 01**
2017



The esthetic rehabilitation

A COMPREHENSIVE PROSTHETIC APPROACH

FULL
IMMERSION
PROGRAM





ACE Institute

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 30 participants.

A professional Full-HD 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 14 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, JUNE 28 - JULY 01, 2017

THE ESTHETIC REHABILITATION

A comprehensive prosthetic approach

- Esthetic analysis
- Functional analysis and occlusal considerations
- Communicating with the laboratory
- Provisional restorations
- Perio-prosthetic treatment
- Implants: from single anterior tooth to complex rehabilitations
- Final tooth preparation - final impressions
- From provisional to final restoration
- All-ceramics: crowns, veneers and bridges



Pesaro, JUNE 28 - JULY 01, 2017

THE ESTHETIC REHABILITATION

A comprehensive prosthetic approach

course objectives

The aim of this course is to outline a systematic approach to prosthetic rehabilitation and help the clinician to confidently address comprehensive treatment involving bridges, crowns, veneers and onlays on natural dentition and on implants, from a single restoration to full-mouth rehabilitation. To help clinicians planning and finishing a case from good to excellent!

This goal can be reached also thanks to the MIPP Technique (Minimally Invasive Prosthetic Procedure), an innovative protocol that guarantees a long-lasting result and a better acceptance of the treatment by the patient.

This is a high level program focusing mainly on occlusion and function rather than esthetics and materials.

abstract

The application of a tried and tested system, experimented for over 25 years, represents, especially for complex rehabilitations, an indispensable means of achieving optimal final results, from the esthetic as well as biological and functional viewpoints.

The prosthetic treatment plan must allow an ideal integration of esthetics, biological and functional parameters on natural teeth and on implants. The esthetic analysis, thanks to a simple and systematic approach to assessing facial, dento-labial, phonetic, dental and gingival factors, will allow the clinician to optimize the prosthetic treatment plan. Biofunctional provisionals serve as blueprints for the definite prosthesis, providing all information about shape, position, emergence profiles, arrangement of teeth and non-destructive occlusion especially in challenging clinical situations. Material selection with the dental ceramist is fundamental in management of complex rehabilitation cases with porcelain crowns, bridges, implant abutments and veneers. The use of metal-free ceramic materials allows to achieve excellent esthetic results in the anterior area for crowns and veneers fabrication.

Clinical and technical suggestions for obtaining esthetic and durable results will be supplied.



speaker

Dr. Mauro Fradeani

After graduating in medicine and surgery in 1979, Mauro Fradeani completed a specialization in dentistry at the University of Ancona, Italy in 1983.

Past President of EAED European Academy of Esthetic Dentistry (biennial 2003/2004) and Past President of AIOP 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, Advanced Continuing Education center in Pesaro, Italy. He is Founder and Director of Fradeani Education, an educational project developed together with a group of expert speakers with the goal to promote worldwide an Italian model of excellence in dentistry.

Associate Editor of The International Journal of Esthetic Dentistry (EJED), Member of the Editorial Board of Practical Periodontics & Aesthetic Dentistry (PPAD) and of the Journal of Esthetic and Restorative Dentistry (JERD), he is the author of the two-volume series Esthetic Rehabilitation in Fixed Prosthodontics translated in 11 languages (Quintessence International, 2004,2008).

He runs a private practice limited solely to prosthetics on natural dentition and implants in Pesaro (Italy).



Together with **FRADEANI EDUCATION** |

Dr. Leonardo **BACHERINI** |

Dr. Tiziano **BOMBARDELLI** |

Dr. Giacomo **FABBRI** |

Dr. Stefano **GORI** |

Dr. Francesco **MINTRONE** |

Dr. Roberto **TURRINI** |



COURSE PROGRAM

ESTHETIC ANALYSIS

Facial analysis Dento-labial analysis Phonetic analysis Tooth analysis
Gingival analysis
Guide to the correct completion of the esthetic checklist

FUNCTIONAL ANALYSIS AND OCCLUSAL CONSIDERATIONS

Achieving, recording and verifying a repeatable mandibular position: RC/MI when and why
Occlusal- vertical dimension (OVD): how and when modifying it
Occlusal schema: complex and simplified
Anterior guidance: how to optimize it
Parafunctions: can the occlusion play a role in the bruxer patient? Bite registration records

COMMUNICATION WITH THE LABORATORY

Direct and indirect mock-up
Laboratory chart
Data transmission to the laboratory for the diagnostic wax-up
Face bow and esthetic orientation
Communication of the anterior guidance and occlusal schema with a customized incisal guide table Mounting and setting the articulator

PROVISIONAL RESTORATIONS

Preliminary tooth preparation Fabrication procedures
Direct and indirect technique Modified indirect technique (MIT) Correct insertion, relining and refining Functional and esthetic integration

IMPLANTS

Esthetics in implantology
Parameters for optimizing the esthetic result in the anterior area Post-extractive and pre-extractive approach
Immediate loading in single restorations and in full arch rehabilitation
The use of all-ceramic abutments and crowns to optimize the esthetic result

FINAL TOOTH PREPARATION

Intrasulcular preparation - step by step procedure Respect of biological integrity - timing for complete tissue maturation

FINAL IMPRESSIONS

Materials and techniques
The use of gingival retraction cords - the keys to success

FROM THE PROVISIONAL TO THE FINAL RESTORATION

Data transfer
Cross mounting procedure
Anterior rehabilitation: 1-2 arches Preventive simulation
Customized anterior guidance Silicone index

ALL-CERAMICS

Porcelain-fused-to-Metal:
obsolete technique?
principles and concepts
long-term follow-up
All-Ceramics:
silica based - high-strength
selection criteria, indications, possibilities and limits of different materials:
feldspathic ceramics, glass ceramics alumina ceramics, zirconia-based ceramics
porcelain try-in
surface treatment of the prepared teeth and porcelain
cementation procedures and material update
critical clinical steps
veneers: tooth preparation technique, preservation of sound tooth
structure, maintenance of vitality, luting procedures, clinical follow-up
crowns: tooth preparation technique, principles and concepts
bridges: principles and concepts, PFMs vs All- Ceramics
CAD-CAM technique for framework fabrication, pressable technique



HANDS-ON TRAINING BY COURSE PARTICIPANTS

OCCLUSAL RECORDS AND FACEBOW RECORDS

The participants are trained to take these records one on the other

OCCLUSAL EQUILIBRATION

Dr. Fradeani will make an occlusal equilibration on a course participant

HOW TO PROPERLY FILL IN THE ESTHETIC CHECKLIST

Correct analysis of the facial, dentolabial, phonetic and tooth parameters

HOW TO PROPERLY FILL IN THE LABORATORY CHECKLIST FOR AN EFFICIENT COMMUNICATION WITH THE DENTAL LABORATORY

Esthetic information
Occlusal plane vs commisural line - horizon
Position, shape and contour modifications
Overjet and overbite modifications
Functional information
Impression
Documentation
Colour

STEP-BY-STEP TOOTH PREPARATION FOR VENEERS AND CROWNS

The participants will work on dental models in the dental laboratory
Evaluation of marginal fit of the restorations
Try-in paste procedure

LIVE DEMONSTRATION ON PATIENT BY DR. FRADEANI

Preliminary tooth preparation, provisional and final tooth impressions

or

finalization of the prosthetic treatment with luting procedure to bond the restorations

One of the above mentioned procedures will be performed during the live demonstration, whereas the other one will be documented by the means of a DVD presentation showing step-by-step phases of the work.

Full HD movies:

Step-by-step tooth preparations
Provisionals
Final impressions
Provisional fitting
Provisional relining and finishing
Bonding procedures

During the 4-day program Dr. Mauro Fradeani will present several full-mouth rehabilitation cases on natural dentition and implants that were finalized thanks to a multidisciplinary approach. Cases involving endodontics, periodontics, orthodontics and bruxer patients will be illustrated and explained in-depth.





contacts

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