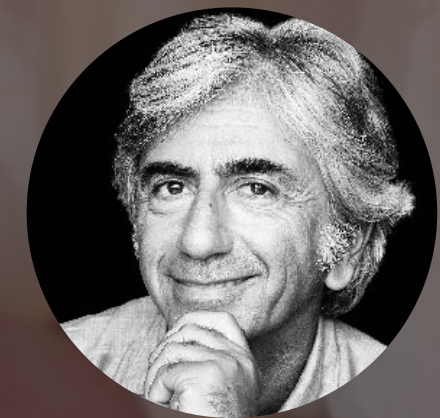


# COURSE

# Styleitaliano Professional Program

## In Prosthodontics and Restorative Dentistry

### Our Speakers



Angelo Putignano



Walter Devoto



Jordi Manauta



Galip Gurel



Giuseppe Chiodera



Mauro Fradeani



Roberto Turrini



Roberto Spreafico



Dan Lazar



Leonardo Bacherini



Stefano Gori



Antonio Pelliccia



Lorenzo Breschi



Louis Hardan



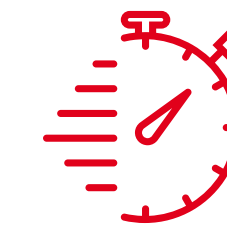
Tiziano Bombardelli



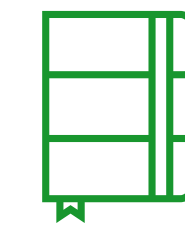
Daniele Rondoni



Carlo Poggio



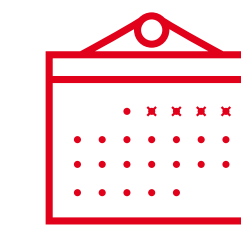
2 Years



8 Modules



4 Modules Per Year



4 Days per Module



For more details

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MASTER STYLE: THE CHEF SAYS  
THE ONE AND ONLY STYLEITALIANO CERTIFIED  
MASTER PROGRAM  
Restorative · Aesthetics



# MASTER Style

## Module 1: From diagnostics to bonding

|       | DAY 1<br>The Future of diagnosis<br>Chiodera                | DAY 2<br>Pro dental photography<br>Lazar and Hardan        | DAY 3<br>The ultimate communication<br>Pelliccia | DAY 4<br>All about bonding<br>Putignano-Breschi |
|-------|---|--|--|---|
| 9:00  | Field isolation:<br>Rubber Dam                              | Mobile Dental Photography (MDP): For<br>everyone, everyday | Efficient models of<br>communication             | Basic principles of<br>bonding                  |
| 10:30 | Coffee break  | Coffee break   | Coffee break                                     | Coffee break                                    |
| 11:00 | Traditional Diagnosis :<br>indications and limits           | Professional dental<br>photography                         | The Economic activity                            | Bonding in direct<br>restorations               |
| 12:30 | Lunch break   | Lunch break  | Lunch break                                      | Lunch break                                     |
| 14:00 | Digital &laser fluorescence<br>devices                      | MDP for everyone   | Marketing Plan and<br>budgeting                  | Bonding in indirect<br>restorations             |
| 15:30 | Coffee break  | Coffee break   | Coffee break                                     | Coffee break                                    |
| 16:00 | Digital devices<br>Diagnodent & Diagnocam<br>isolation game | Professional Dental<br>Photography                         | Business plan                                    | Hands-on in Bonding                             |
|       | ■ Hands-on Program  | ■ Live demonstration                                       |  | Farewell, diplomas<br>program closure           |

# Day 1

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Dr. Giuseppe Chiodera: The future of diagnosis

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Born in Brescia, Dr **Giuseppe Chiodera** graduated with a degree in dentistry from University of Brescia in 2004.

Winner of a scholarship at Kings College University of London. Currently visiting professor in Siena.

Speaker at National and International Conferences

Particularly interested in conservative dentistry and aesthetic restorations but also on diagnosis , prevention ,bleaching , ozone and diode laser.

He is member of Styleitaliano.

He has contributed as Author and coauthor of articles in National and International journals .

# Abstract

In dentistry, research, development of new materials and new technologies tend unanimously to prevention and early treatment of dental diseases . In this context is taking space the concept of dentistry "minimally invasive", a discipline that has its peculiarities in respect of the healthy tooth tissue and its priority in the treatment of lesions at the very early stage always in the mandatory field isolation .

From a partial resin restoration to the complete direct tooth restoration or to cross the limit between direct to indirect, everything starts from the treatment plan, and it comes from a correct diagnosis.

Today we can use the digital devices to find caries by light and to communicate to the patients , to show them the lesions , to let them play the diagnostic digital game

# Learning objectives

This course wants to give an overview on how new technology can help in a very simple way our daily work and rise the quality perceived of patients.

To show :

- how to isolate an operative field in few minutes
- how to do an advanced and digital caries diagnosis

# Developed program

FIELD ISOLATION :

RUBBER DAM

the first step : isolation

foils choice

instruments to use

how to put the rubber dam

Tips and tricks

DIGITAL & LASER

FLUORESCENCE DEVICES

why digital diagnosis

Diagnodent e Diagnocam

communication and digital

Step by step

Digital strategies

DIAGNOSIS TRADITIONAL

:

INDICATIONS AND LIMITS

transillumination

Bitewings how and when

RX limits

combine digital and

traditional

FROM DIGITAL

DIAGNOSIS

TO CLINICAL

STRATEGIES

when monitorise early

lesions

take care of neighbors

DIGITAL DEVICES

Diagnodent & Diagnocam

step by step

Diagnocam live on

participants

case analysis

ISOLATION GAME

isolate a single tooth

isolate a quadrant

stretch the dam

isolate an arch



# Material for Hands-on

## Important

HDMI input at least 2 mts near Dr. Chiodera working place

Good illumination for each participant

Electrical extensions for the micromotors and lamps

## ISOLATION GAME

Chiodera will bring  
support for smart phone with light

Univet Loupes

Univet 1 light

plastic models

**1 unit every 2 participants**

Rubber-dam punch, forceps, frame

**1 Per multiple participants**

Rubber Dam

dental floss waxed

liquid soap

## DIGITAL DEVICES

Chiodera will bring  
support for smart phone with light

Univet Loupes

Univet 1 light

Diagnocam & Diagnodent pen

# Day 2

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Dr. Lazar Dan: Documentation=Pro dental photography

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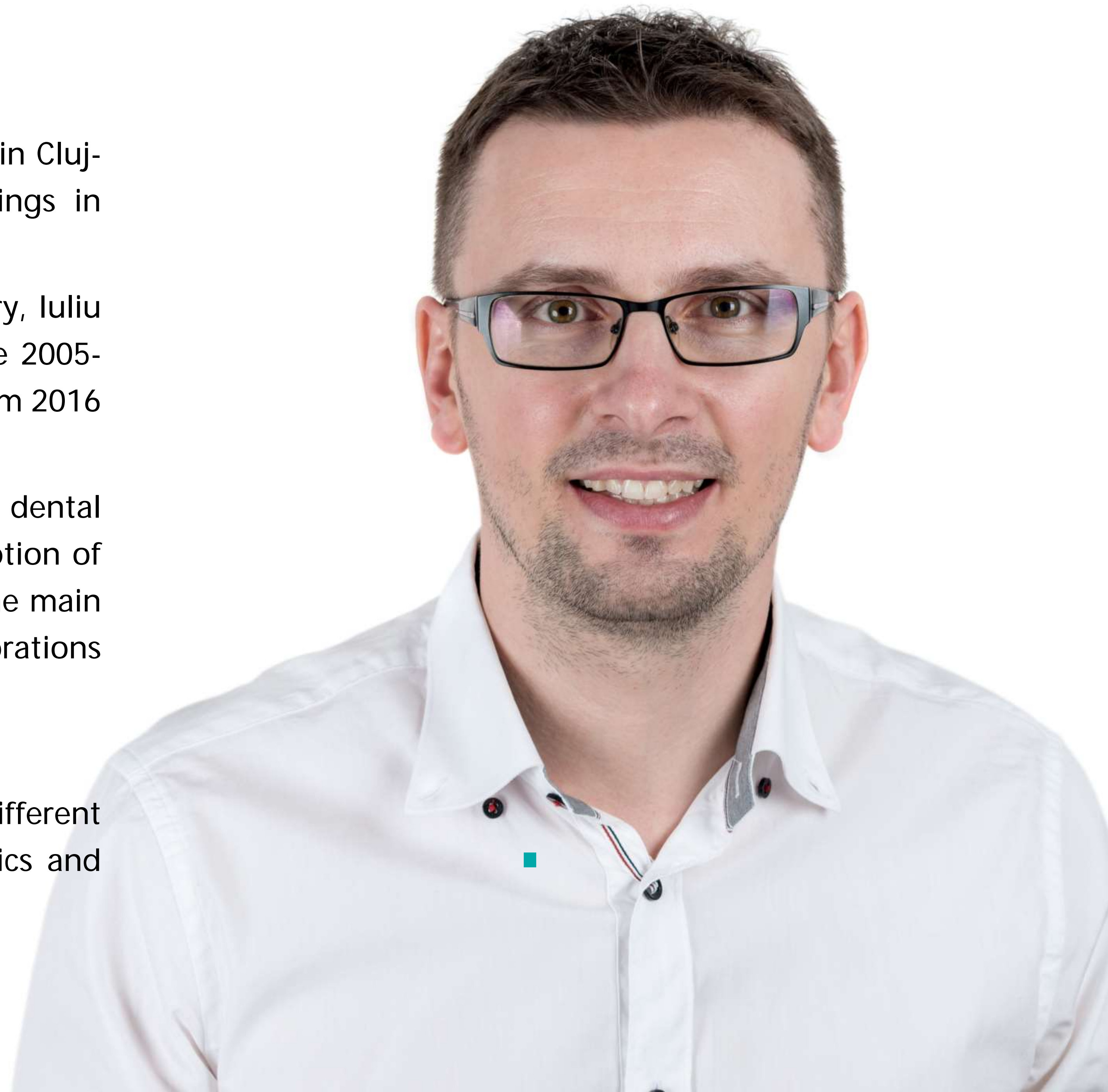
Dan Lazar, graduated from the Faculty of Dentistry in 2005 in Cluj-Napoca, Romania, followed by many post-graduate trainings in prosthetic and restorative dentistry in Romania and Europe.

From 2007-2009 he was teaching at the Faculty of Dentistry, Iuliu Hatieganu Cluj-Napoca, at the Restorative department. Since 2005-2016 is working in a private practice in Oradea, Romania. From 2016 he work in his private dental clinic- Clinica LAZAR.

The passion of beauty push him to study more about dental photography from technical to art and the aesthetic perception of smile and balance design of anterior region. As a lecturer the main topics of interest are - dental photography, composite restorations in anterior and posterior region and prosthodontics.

Since 2016 he is an Style Italiano member.

Dan Lazar is lecturing in Romania and abroad since 2009 on different topics: direct composite restorations, anterior prosthodontics and dental photography.



# Abstract

Photography professional and MDP

This lecture is a dental photography course for every dentist. This program will introduce you to the dental camera and the light systems, to do the everyday photo protocol, basic photo editing, processing steps and finally the ergonomic storage of the images.

In addition ,you will learn how to communicate easy through images, how to 'clear your mind' during the treatment planning and how to create a virtual patient using dental images.

You will discover a complete photography documentation process and the use of images for efficient office time management.

# Learning objectives

- develop the skills in taking dental images for medical issue
- understand the value of every image taken for the diagnostic and treatment planning
- build a flawless communication using images between the people involved in the treatment planning

Once you see **it**, you will know.

# Developed program

HANDS ON

- Concept - why spend the time taking pictures?
- Hand extension and visual capture - DSLR camera, lens and light systems
- Understanding the light
- 3D image composition
- Must have pictures for analysis and treatment planning
- Protocol images - restorative, prosthodontics, orthodontics
- Image editing and storage
- Dental photography as a documentation tool
  - The use of camera and accessories
    - Basic portrait protocol
- Intra-oral photography protocol - restorative, prosthodontics, orthodontics
  - Product photography
  - Editing, processing, storage
- Image as communication tool - patient, specialist, dental technician

WHO SHOULD ENROLL

General practitioners — Prosthodontics — Orthodontist - Passionate dental photographers

# Material for Hands-on

Gloves - M

Occlusal mirrors

Contrastors

Retractors

Napkins

Every participant should bring their camera system

# Day 2

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Prof. Louis Hardan: Documentation=MDP dental photography

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Prof. Louis Hardan, head of the restorative and esthetic department at Saint Joseph University Beirut-Lebanon.

He graduated dentistry in 1989 and continued his post-doctoral education at Saint Joseph University; he obtained a certificate for basic science in 1993, he completed his specialization in restorative and esthetic dentistry in 1995, and completed his PhD in oral biology and materials in 2009.

He was an active member of the Lebanese dental association (2006-2009) and was assigned as a general secretary of the LDA in 2009.

At the present, he is an associate professor at Saint Joseph University and owns a private practice in his home town Byblos.

He is an honorary and active international Styleitaliano member, head of the networking and media section and coordinator of all Styleitaliano departments.

He is the inventor of Smile Lite MDP (Smile Line, Switzerland) a device to take high quality dental pictures with a mobile phone.

Prof. Hardan has many publications in international journals and has given several lectures on esthetic, restorative dentistry and mobile dental photography.

# Abstract

Photography professional and MDP

Photography is powerful in dentistry, its numerous applications such as diagnosis and treatment planning, legal documentation, publishing and lecturing has made digital photography a standard of care in modern dental practices.

Till few months the DSLR (Digital Single Lens Reflex) cameras were the only way in dentistry to take high quality macro images.

Recently, smartphones have come a long way in digital photography due to recent technology development.

The purpose of this lecture is to demonstrate the capacity of these devices to take high quality dental images for our daily documentation and to present a new device for mobile photography: the Smile Lite MDP, which is very simple to use and allows to take high quality dental pictures with mobile phones.

Those pictures are useful in different types of documentation and communication, in a feasible teachable and repeatable way, by everyone and for everyday practice.

# Learning objectives

- develop the skills in taking dental images with a professional and mobile camera for medical issue
- understand the value of every image taken for the diagnostic and treatment planning
- build a flawless communication using images between the people involved in the treatment planning
- Learn how to take all kind of pictures with your mobile phone in an easy and repeatable way.

# Developed program

- Communication with the lab technician
- Characteristics of the mobile camera
- Requirements to take a high quality picture
- Differences between the camera of the mobile and the DSLR
- How to take a professional picture with your mobile for all your type of documentation
- Portrait images with MDP
- How to extend the limits of your photography with MDP

HANDS ON

- Dental photography as a documentation tool
  - **The use of cameras and accessories**
    - **Basic portrait protocol**
  - **Intra-oral photography protocol - restorative, prosthodontics, orthodontics**
    - Polarized and Double polarized pictures
  - **Image as communication tool - patient, specialist, dental technician**

WHO SHOULD ENROLL

General practitioners - Prosthodontics - Orthodontist - Passionate dental photographers

# Material for Hands-on

Gloves - M

Occlusal mirrors

Contrastors

Retractors

Napkins

MDP:

Android 12MegaPixels cameras and above (Ex: Samsung S4, S5, S6, S7, S8 Note 3 Note 4, Note 5, Note 8. LG G3, G4...)

iPhone 5, 5S, 6 and 6plus, 7 and 7plus

Every participant should bring their camera system and smilelite MDP if possible

# Day 3

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Prof. Antonio Pelliccia: The ultimate Marketing tactic & Communication with the patient

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**Antonio Pelliccia** is a Professor of Economy and Business Organisation at the Università Vita Salute S. Raffaele, Milan and Università Cattolica del Sacro Cuore Agostino Gemelli, Rome. He is an economist and a business strategies direction and HR strategic management consultant. An opinion leader for the management of the following areas: Dentistry, Paediatrics, Dermatology, Plastic Surgery, General Medicine. Professor of Marketing at the Continuing Management Education (CME). Chief Coordinator for the Master's degree in Management of the Dentist Profession at the Università Vita Salute S. Raffaele, Milan. Author of articles on Sanitary Economy for the economic and financial Italian newspaper "Sole 24 Ore". Author of more than 260 publications on "economy and sanitary management" published in specialised magazines. Funding member of Arianto srl Publishing Company ([www.arianto.it](http://www.arianto.it)). During his career he has taken part in over 470 courses, seminars and international and national congresses. He has been a national relator for the dental medical profession for over 16 years. International Academy Member of AMA (American Marketing Association)."

# Abstract

Which are the Management and Marketing actions suitable, ethical and above all measurable for the Dental Studio? What are the operating methods used to improve internal Communication and Perception of Quality with Work Environment? These are just a few of the questions that the course develops and to which the relator answers, considering authoritative international studies of economic analysis and patient satisfaction in the dental profession. The Course illustrates how to collect, categorise, and analyse economic and production data to enhance and implement the management of the Studio. The course aims to optimise the economic resources through the quantitative analysis of the management, budget and quality of production of the delivered service.

This Course is about dental surgery management and intends to present methods and control models to use with the staff and with the patients.



# Learning objectives

Dental surgery management and management of critical issues

Rules, methods and solutions:

(telephone, diary, presentation of cost estimates, motivation, work planning, costs and revenues management)

Economic analysis and planning as a means of control of direct and indirect costs

# Developed program for module 1

Management of a dental surgery. Successful strategies and critical management choices.

Module Management control

1. The definition of the Dental Surgery' s objectives (i.e. optimisation of performances, methods, costs and protocols, timing, risks and individuals' professionalism).
2. Organisation and availability of investment means and resources (instruments, equipment, people and spaces).
3. Management control so that means and resources are well used to obtain the set objectives and analyse a number of operations aimed at a providing a quick resolution of problems caused by the use of the same means and resources (verifications, examinations, maintenance and reinvestment).
4. Planning and documentation of the professional activity (analysis and study of the case study and required therapies) and the economic activity (financial and economic management trend).
5. Analysis of the activity' s costs and financial and economic management control.
6. Professional training planning and development of new clinical operation techniques.
7. Assessment of:
  - a. what has to be done and who by
  - b. when, where and how this has to be done
  - c. which materials, instruments and documents have to be used
  - d. how this has to be controlled and recorded
8. Development of control plans:
  - a. acceptance standards and criteria
  - b. control methods

# Developed program for module 2

Management of a dental surgery. Successful strategies and critical management choices.

Module: Marketing control

- a. the documentation provided by the patient
- b. information received and information accepted

1. to plan and time all phases of the therapy (project) or research or study of the case;
2. to prepare the available resources (internal and external such as consultants and suppliers);
3. to organise the staff and establish what protocol should be applied;
4. to provide all information and use the most efficacious communication system with the patient (words + images);
5. to define and analyse the data collected during the study of the clinical case and publish the results;
6. to define and publish the overall process of the therapy and its operation phases with the related costs;
7. to predict a re-evaluation of the plan;
8. to define a strategy for the development of Customer Satisfaction via “mediators” , word of mouth (reference) and dialogue;
9. to know the main principles of Communication Science applied to dental surgery;
10. to improve the presentation of cost estimates and the patient’ s Perceived Quality;
11. to manage the patient in a way that he can trust you and be loyal to you;
12. to offer other “services” combined with the presentation to increase the Added Value;
13. to improve internal communication among the staff and between the staff and the patient;
14. to take care of the staff’ s personal look and the look of the dental surgery itself.

# Material for Hands-on

Pelliccia will bring  
iPad  
Connectors

Important  
HDMI input at least 2 mts near Prof.. Pelliccia working place  
WiFi for each participant  
Electrical energy power extensions for participant' s devices  
Video projector HD

# Day 4

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Prof. Lorenzo Breschi & Prof. Angelo Putignano: all about bonding & cementation

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Prof. Lorenzo Breschi DDS, PhD, FADM

Dr. Lorenzo Breschi received his DDS degree cum laude in 1994 and PhD in Human Morphological and Molecular Sciences in 1998 at the University of Bologna (Italy). He is now Full Professor of Restorative Dentistry and Dental Materials at the Department of Biomedical and Neuromotor Sciences (DIBINEM), Head of Conservative Dentistry and Director of the Master in Aesthetic Restorative Dentistry at the University of Bologna (Italy).

Prof. Lorenzo Breschi is President of the European Federation of Conservative Dentistry (EFCD), President of the International Academy of Adhesive Dentistry (IAAD), President Elect of the Italian Academy of Conservative Dentistry (AIC), and Past-President of the Academy of Dental Materials (ADM) and DMG-IADR.

Prof. Breschi is Associate Editor of the Journal of Adhesive Dentistry and member of the editorial board of several international scientific journals and actively involved in research on the ultrastructural aspects of enamel and dentin and their interactions with dentin bonding systems. Prof. Breschi has published more than 200 original papers on peer-reviewed journals on different aspects of adhesion and restorative materials with an H-factor of 42 and a total impact factor over 550.





M.D. degree and D.D.S. post graduate certificate from University of Ancona-Italy. Full professor in Restorative Dentistry at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Head of Operative dentistry and Endodontics department at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Dean School of Dental Hygienist Polytechnic University of Marche-Ancona-Italy. Active Member Italian Society of Operative Dentistry (SIDOC) and of the European Academy of Esthetic Dentistry (EAED), Founding Member of the Italian Academy of Esthetic Dentistry (IAED). Private practice limited to Restorative Dentistry in Ancona, Italy. He is co- author of the book “**Adhesive Dentistry: the Key to success**” edited by Quintessence International and “**Indirect Conservative Restoration of Posterior teeth**” (UTET 2008) Prof. Putignano is an international lecturer on adhesive & aesthetic restorations.

# Abstract

Aim of this module will be a critical review of the latest improvements of dental bonding systems. Chemical background and physical characteristics of the adhesives will be clarified to understand the clinical capabilities and the possible role of the clinician to obtain the highest bonding performances, in terms of improved bond strength, extended durability and reduced post-op sensitivity.

The lecture will also clarify the mechanisms that affect the stability of the adhesive interface over time, analyzing the role of different degrading phenomena synergistically contributing to degrade the hybrid layer.

The lecture will provide clinical step-by-step procedures along with “**tips and tricks**” to achieve the highest clinical success in terms of aesthetic requirements, biomechanical properties of adhesive restorations (both direct and indirect), bond strength and stability of the adhesive interface over time.



# Learning objectives

This course has as main goal to let the practitioners learn:

1. step-by-step protocols for clinical procedures of bonded anterior and posterior direct restorations
2. step-by-step protocols for clinical procedures of indirect restoration
3. a standardized approach to adhesive dentistry aiming to achieve a stable bond over time.

# Developed program

## BASIC PRINCIPLES OF BONDING

Principles of bonding

Structure of common monomers

Functional monomers

Enamel and dentin as bonding substrate

## BONDING IN DIRECT RESTORATIONS

Classification of the bonding agents

Step-by-step application procedures

Clinical tips for direct restorations

Importance of curing

Most common errors in direct adhesive restorations

Bonding stability

## BONDING IN INDIRECT RESTORATIONS

Classification of composite and ceramics

Inlays-onlays-overlays-veneers-crowns

Bonding vs Luting: indications and different approaches

Importance of curing

Most common errors in indirect adhesive restorations

Bonding stability

Hands-on in Bonding

Bonding with most common adhesive systems

Micro-shear bond strength test

Analysis of the results

# Material for Hands-on

Breschi will bring

Camera for live demonstration of adhesive application

Univet Loupes & Surgical light

Micro-shear bond strength testing device (if shipping is allowed)

Teeth embedded in acrylic resin as bonding substrate (if shipping is allowed)

Jig for each participant for bond testing


Material need for the test

- Water/Air syringes: in case in hotel/room not equipped compressed air bottles + water bottles and syringes and glasses to rinse etching gels out of the teeth
- Kleenex and Alcohol
- Adhesives of different classes
- Microbrushes
- Build-up composite (same material for all participates)
- Composite spatula
- Cylindrical condenser
- #11 scalpel blade with handle (can be disposable)
- 1 curing unit every 2 participants (if possible 1 per participant)

Curing light unit

# MASTER Style

## Module 2: Anterior Teeth

|       | DAY 5<br>The anterior challenge<br>Putignano-Devoto-Manauta  | DAY 6<br>Anteriors everyday<br>Putignano-Devoto-Manauta | DAY 7<br>Fine tuning<br>Putignano-Devoto-Manauta | DAY 8<br>Expert in anteriors<br>Putignano-Devoto-Manauta |
|-------|--|---|--|--|
| 9:00  | The secrets of color   | Anterior Directs Class III and V                        | Morphology and Shape                             | Semidirect anteriors                                     |
| 10:30 | Coffee break   | Coffee break  | Coffee break                                     | Coffee break   |
| 11:00 | Anterior Directs Class IV  | Anterior Class III and V                                | Morphology and Shape                             | Semidirect restoration on a dark tooth                   |
| 12:30 | Lunch break  | Lunch break   | Lunch break                                      | Lunch break  |
| 14:00 | Stratification Bases   | Shape Modification                                      | Advanced Characterizations                       | indirect anterior restorations                           |
| 15:30 | Coffee break   | Coffee break  | Coffee break                                     | Coffee break   |
| 16:00 | Anterior Direct  | Diastema  | Advanced Characterizations                       | Vener preparation  |
|       |  Hands-on Program |   |  | Farewell, diplomas program closure                       |

# Day 5-6-7-8

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Prof. Angelo Putignano, Dr. Walter Devoto, Dr. Jordi Manauta: All Anterior Restorations

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M.D. degree and D.D.S. post graduate certificate from University of Ancona-Italy. Full professor in Restorative Dentistry at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Head of Operative dentistry and Endodontics department at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Dean School of Dental Hygienist Polytechnic University of Marche-Ancona-Italy. Active Member Italian Society of Operative Dentistry (SIDOC) and of the European Academy of Esthetic Dentistry (EAED), Founding Member of the Italian Academy of Esthetic Dentistry (IAED). Private practice limited to Restorative Dentistry in Ancona, Italy. He is co-author of the book "Adhesive Dentistry: the Key to success" edited by Quintessence International and "Indirect Conservative Restoration of Posterior teeth" (UTET 2008) Prof. Putignano is an international lecturer on adhesive & aesthetic restorations.

Dr. Walter Devoto was born at Chiavari on 29/03/1965, He graduated in Dentistry with honors in 1991 at the University of Genoa. He has held teaching positions at several universities in Europe and currently works with the Universities of Siena, Barcelona (UIC) and Marseille, where he is a visiting Professor in Restorative and Aesthetic Dentistry. He has always been very passionate for conservative and aesthetic dentistry, has authored and co-authored several publications in specialized books and Journals; he is a speaker at national and international courses and conferences on this subject. Is an active member of the Italian Academy of Conservative Dentistry from 1998 and an active member of the European Academy of Aesthetic Dentistry from 2002. Works on his private practice in Sestri Levante (Genoa, Italy) and collaborates with prestigious practices of Dental Aesthetics in Europe.





Born in Mexico City, Jordi Manauta graduated with a degree in dentistry from the Technological University of Mexico (UNITEC) with major grants. He continued his postgraduate studies in operative and esthetic dentistry, earning a master's degree from the International University of Catalonia (UIC) in Barcelona, Spain. He has developed and currently is developing various materials and instruments for esthetic dentistry and photography in collaboration with international companies. He is visiting lecturer in Seville, Siena, Marseille and Valencia universities and scientific consultant for two European journals. Dr. Manauta is member of Styleitaliano study group. Scientific consultant of two European journals, and he is author of the book *Layers* (Quintessence 2012) and author of the book *Documentology* (in press) and *Forma* (in press) and is author and coauthor of many publications in international journals, Dr Manauta is frequently invited as a lecturer in these topics.



# Abstract

We have heard many times that highly aesthetic restorations need sophisticated and complex approaches, only reachable to the "gifted ones". What if I tell you that this is possible to teach and repeat a feasible method that allows you to achieve perfect restorations with a high rate of success. This approach consents you to do basically three things, rational color matching, exact reproduction of the selected color and the ability to distinguish and learn from eventual mistakes. Material selection, layering technique and morphology management is now-a-days mandatory to mimic the slightest nuances from our patient's teeth, but always without getting in difficulties to do so.

Some people scandalize when they hear about a "simple" aesthetic dentistry as "if the fact of simplifying" would turn the aesthetics into trash. What can we say, it happens all the contrary. In this course the lecturers will teach us how to obtain excellent results with the rational use of the "all time" concepts and some of the most contemporary.

# Learning objectives

This course has as main goal to let the practitioner learn useful techniques to apply immediately after the course in their everyday dentistry to boost the quality of their work, especially regarding function and aesthetics but always in a simple way.

- Become extremely effective in color matching
- Master stratification of composite resins
- Dominate surface and morphology
- Learn how adhesive dentistry can last very long

# Developed program

## THE SECRETS OF COLOR

Color Theory

Commercial shadeguides, advantages and disadvantages

Industrial shadeguides, product oriented

Personalized shadeguides, types and use

Layering and thickness

## ANTERIOR DIRECTS CLASSIV

Stratification technique selection according to the color obtained

Is material selection important?

Thickness control during stratification

Special effects and more complex stratifications

4 ways of obtaining your palatal index

All concepts applied

## ANTERIOR DIRECTS CLASS III AND V

From the simple to the complex

3rd class, color and technique

Tight contacts and natural contour

5th classes, color and shape

The closing gap technique, suffer no more

Retracting the gingival tissue

## SHAPE MODIFICATION

Diastema management with an innovative and simple technique

Black triangle restorative management

Direct single veneer

## MORPHOLOGY AND SHAPE

Micromorphology and polishing technique

Achieving the most shine every time , a trustworthy protocol

## SEMI DIRECT ANTERIORS

Repeatable, easy and a very refined stratification technique

Composite contraction solutions

Color selection

Trust your modelling and discard it if necessary

Rational use of characterisations

Cementation

New materials

## INDIRECT ANTERIORS

Anterior guidelines

Material selection

Tissue guided restorations

Margin guided restorations

Preps, impression, temporary and cementation

Lab and chair-side restorations

Color management

# Material for Hands-on

## Important

HDMI input at least 2 mts near Dr. Manauta working place

Good illumination for each participant

Electrical extensions for the micromotors and lamps

Manauta will bring

HD visualizer

Univet Loupes

7 LM Arte instruments

1 Blade holder with blade #11

2 Compobrushes with replacement tips

1 Kit Finishing Style (6 burs)

1 Kit Indirect Style (8 burs)

1 Model with 14 intact teeth

1 Polydentia Separating ring

1 Pop-on mandrel

1 My Shade guide

1 P-Occlusal Extraction tool

1 Polydentia Tweezer for clamps

1 Polydentia Tweezers for Matrices

Multiple units

Microbrush

Bonding (scotch bond universal)

Kleenex and Alcohol

Orange and green wedges (Kerr)

1 unit every 2 participants (if possible 1 per participant)

Curing light unit Elipar Deepcure, Elipar or similar)

Vita shade guide

Rubber-dam clamp forceps

1 Per multiple participants

Vaseline

PVS putty (3M)

Diamond Twist SCL polishing paste

1 unit per participant

Electric micro motor

Latch type blue ring contrangle

Komet Low speed short shank 831-204-012

Mechanical pencil

Soflex mandrel

Soflex disc coarse and medium (big)

Soflex Spiral brown

Soflex Spiral pink

Filtek Supreme XTE A3E

Filtek Supreme XTE A3D

Filtek Supreme XTE A2D

Filtek Supreme XTE CT

Filtek Supreme XTE A3B

Bulkfill flowable A1

White tint (tokuyama or Kerr)

Brown tint (tokuyama or Kerr)

Plastic containers for bonding resin

Soflex plastic strips coarse and medium (small size)

Soflex plastic strips fine and superfine (small size)

Felt for polishing

# MASTER Style

## Module 3: Posterior Teeth

|       | DAY 9<br>Posterior basics<br>Putignano-Devoto-Manauta | DAY 10<br>Time Optimization<br>Putignano-Devoto-Manauta | DAY 11<br>Posterior challenges<br>Putignano-Devoto-Manauta | DAY 12<br>Indirect posteriors<br>Putignano-Devoto-Manauta |
|-------|---|---|--|---|
| 9:00  | Cavity principles<br>Disinfection, bases              | Fast Modelling technique<br>& Essential lines           | Custom rings   | Inlay, Onlay, Overlay<br>Build-up                         |
| 10:30 | Coffee break  | Coffee break  | Coffee break   | Coffee break  |
| 11:00 | Material selection<br>Bulk & Body                     | Essential Lines UP                                      | Custom Rings<br>and Class II restorations                  | Build-up and Overlay prep                                 |
| 12:30 | Lunch break   | Lunch break   | Lunch break  | Lunch break   |
| 14:00 | Sectional modelling                                   | Essential Lines LOW                                     | Direct Cusp coverage                                       | Impresions, preps<br>and cem                              |
| 15:30 | Coffee break  | Coffee break  | Coffee break   | Coffee break  |
| 16:00 | Class I restoration                                   | Bulk & go<br>Class I restoration                        | Direct cusp coverage                                       | Overlay cementation                                       |

■ Hands-on Program

Farewell, diplomas  
program closure

# Day 9-10-11-12

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Prof. Angelo Putignano, Dr. Walter Devoto, Dr. Jordi Manauta: All posterior restorations

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M.D. degree and D.D.S. post graduate certificate from University of Ancona-Italy. Full professor in Restorative Dentistry at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Head of Operative dentistry and Endodontics department at School of Dentistry Polytechnic University of Marche-Ancona-Italy, Dean School of Dental Hygienist Polytechnic University of Marche-Ancona-Italy. Active Member Italian Society of Operative Dentistry (SIDOC) and of the European Academy of Esthetic Dentistry (EAED), Founding Member of the Italian Academy of Esthetic Dentistry (IAED). Private practice limited to Restorative Dentistry in Ancona, Italy. He is co- author of the book “Adhesive Dentistry: the Key to success” edited by Quintessence International and “Indirect Conservative Restoration of Posterior teeth” (UTET 2008) Prof. Putignano is an international lecturer on adhesive & aesthetic restorations.

Dr. Walter Devoto was born at Chiavari on 29/03/1965, He graduated in Dentistry with honors in 1991 at the University of Genoa. He has held teaching positions at several universities in Europe and currently works with the Universities of Siena, Barcelona (UIC) and Marseille, where he is a visiting Professor in Restorative and Aesthetic Dentistry. He has always been very passionate for conservative and aesthetic dentistry, has authored and co-authored several publications in specialized books and Journals; he is a speaker at national and international courses and conferences on this subject. Is an active member of the Italian Academy of Conservative Dentistry from 1998 and an active member of the European Academy of Aesthetic Dentistry from 2002. Works on his private practice in Sestri Levante (Genoa, Italy) and collaborates with prestigious practices of Dental Aesthetics in Europe.







Born in Mexico City, Jordi Manauta graduated with a degree in dentistry from the Technological University of Mexico (UNITEC) with major grants. He continued his postgraduate studies in operative and esthetic dentistry, earning a master's degree from the International University of Catalonia (UIC) in Barcelona, Spain. He has developed and currently is developing various materials and instruments for esthetic dentistry and photography in collaboration with international companies. He is visiting lecturer in Seville, Siena, Marseille and Valencia universities and scientific consultant for two European journals. Dr. Manauta is member of Styleitaliano study group. Scientific consultant of two European journals, and he is author of the book *Layers* (Quintessence 2012) and author of the book *Documentology* (in press) and *Forma* (in press) and is author and coauthor of many publications in international journals, Dr Manauta is frequently invited as a lecturer in these topics.

# Abstract

We have heard many times that highly aesthetic restorations need sophisticated and complex approaches, only reachable to the "gifted ones". What if I tell you that this is possible to teach and repeat a feasible method that allows you to achieve perfect restorations with a high rate of success. This approach consents you to do basically three things, rational color matching, exact reproduction of the selected color and the ability to distinguish and learn from eventual mistakes. Material selection, layering technique and morphology management is now-a-days mandatory to mimic the slightest nuances from our patient's teeth, but always without getting in difficulties to do so.

Some people scandalize when they hear about a "simple" aesthetic dentistry as "if the fact of **simplifying**" would turn the aesthetics into trash. What can we say, it happens all the contrary. In this course the lecturers will teach us how to obtain excellent results with the rational use of the "all time" concepts and some of the most contemporary.

# Material for Hands-on

Important  
HDMI input at least 2 mts near Dr. Manauta working place  
Good illumination for each participant  
Electrical extensions for the micromotors and lamps

Manauta will bring

H

Univet Loupes

Surgical light

Myshadeguide for composites (in case 3M does not have)

P-Occlusal Versys model

Anterior plastic teeth for p-Occlusal model with class IV cavity

big, class IV small, class II cavity

Garrison compositight SLICK BANDS XR green and violet

Garrison posterior rings

Styleitaliano Compobrushes (Smile Line)

LM Arte instrument Kit

Diamond Twist SCL polishing paste

Multiple units

Microbrush

Bonding (scotch bond universal)

Kleenex and Alcohol

Orange and green wedges (Kerr)

1 unit every 2 participants (if possible 1 per participant)

Curing light unit Elipar Deepcure, Elipar or similar

Vita shade guide

Rubber-dam clamp forceps

1 Per multiple participants

Vaseline

PVS putty (3M)

Diamond Twist SCL polishing paste

1 unit per participant

Electric micro motor

Latch type blue ring contrangle

Komet Low speed short shank 831-204-012

Mechanical pencil

#11 scalpel blade with handle (can be disposable)

Soflex mandrel

Soflex disc coarse and medium (big)

Soflex Spiral brown

Soflex Spiral pink

Filtek Supreme XTE A3E

Filtek Supreme XTE A3D

Filtek Supreme XTE A2D

Filtek Supreme XTE CT

Filtek Supreme XTE A3B

Bulkfill flowable A1

White tint (tokuyama or Kerr)

Brown tint (tokuyama or Kerr)

Plastic containers for bonding resin

Soflex plastic strips coarse and medium (small size)

Soflex plastic strips fine and superfine (small size)

Felt for polishing

# MASTER Style

## Module 4: From design to CAD-CAM

|       | DAY 1   | DAY 2   | DAY 3                               | DAY 4                       |
|-------|---|---|-------------------------------------|-----------------------------|
|       | Chair side CAD CAM<br>Spreafico               | Face driven dental aesthetics<br>Gurel                    | When to do what<br>Devoto-Rondoni   | New tech<br>Chiodera        |
| 9:00  | From direct to indirect                       | the MOCK UP   | The different levels of need        | Active Care approach        |
| 10:30 | Coffee break                                  | Coffee break  | Coffee break                        | Coffee break                |
| 11:00 | Deep margin &<br>Switching to Digital         | the art of the personalised<br>smile design               | The different levels of choice      | Patient friendly technology |
| 12:30 | Lunch break                                   | Lunch break   | Lunch break                         | Lunch break                 |
| 14:00 | CAD-CAM and<br>Chairside                      | Introduction for the<br>Hands-on Course                   | Case study                          | LASER why not ?             |
| 15:30 | Coffee break                                  | Coffee break  | Coffee break                        | Coffee break                |
| 16:00 | Impressions, milling<br>and characterizations | the VIS and the REBEL<br>technique (3D DIGITAL WAX<br>UP) | Digital mock-up in<br>extreme cases | Laser and Ozone             |

■ Hands-on Program

Farewell, diplomas  
program closure

# Day 13

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Dr.Roberto Spreafico: Chair side CAD-CAM optimization

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Roberto Carlo Spreafico, DM, DMD

Dr Roberto Spreafico obtained his DM degree at Turin University, Italy, in 1982. In 1986, he obtained a DMD degree, at Geneva University, School of Dentistry, Switzerland. He is now a private practitioner, in Busto-Arsizio, near Milan, Italy. He is active member of: Accademia Italiana di Conservativa, European Academy of Esthetic Dentistry.

Founder and active member of Italian Academy of Esthetic Dentistry. Founder of Digital Dental Academy, Founder and active member of International Academy for Digital Dental Medicine. Associate Editor of "International Journal of Esthetic Dentistry". Member of the editorial board of: Journal of Adhesive Dentistry; Dr Spreafico presently conducts a number of courses in the field of esthetic dentistry throughout Italy and abroad. He is also author of numerous clinical papers on this topic. Author of 16 book chapters. Co-authored the book "Adhesive Metal-Free Restorations : current concepts for the esthetic treatment of posterior teeth." by Quintessence Publishing Group (1997).

# Abstract

Today's dentist has a wide choice of restorative materials available when replacing missing or damaged tooth structures.

Since introduction in dentistry of composite resins, those materials have undergone a tremendous development and their adhesive properties on both enamel and dentin have been constantly improved, allowing a more conservative approach during the tooth preparation. Patients demands for a more aesthetic and metal-free restoration on posterior and anterior teeth increased during the last decade focusing the interest of the dental profession towards aesthetic restorations with composite resins.

The continuous improvement of the digital CAD-CAM technology is revolutionizing the dental profession in both laboratory and dental office. Today is possible with the chair-side CAD-CAM restorations to restore teeth in a single session saving time for the patient and dentist as well. Numerous type of glass ceramic and composite block are nowadays available; partial and full crown restorations can be fabricated directly in dental office by the dentist. However, it is vital that the treating clinician have a thorough understanding of the principles that lead to a successful outcome. Naturally appearing and problem free outcome can be achieved if certain rules are followed by a conscientious operator.

# Developed program

From direct to indirect

Introduction to adhesive dentistry and clinical procedures for optimal bonding to enamel and dentin

Posterior bonded restorations: clinical indications of direct , inlays, onlays ,overlays and full crown restorations

Direct composite restorations :step by step of clinical procedures

Inlays , onlays and overlays: step by step of clinical procedures

10.30-11 Coffe breack

Deep margin & Switching to Digital

Managing subgingival cervical margin: cervical margin relocation, papillectomy, resective periodontal surgery

From traditional dentistry to digital chair-side dentistry

Clinical applications of digital dentistry

CAD-CAM and Chairside

Cad-Cam chair-side dentistry

Impressions, milling and characterizations

Digital impression

Margination

Design

Milling

Charactherization of Composite and Lithium disilicate

In this practical course the participants can see how to fabricate inlays , onlays, overlays and full crown on natural teeth and on implant.



# Day 14

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Dr.Galip Gurel: The personalized Smile Design

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Dr. Galip Gurel graduated from the University of Istanbul, Dental School in 1981. He continued his education at the University of Kentucky, Department of Prosthodontics. Received his MSc degree from Yeditepe University in, Istanbul.

Dr. Gurel is the founder and the honorary president of EDAD (Turkish Academy of Aesthetic Dentistry).

He was the President of the European Academy of Esthetic Dentistry (EAED) for 2011 & 2012.

He received "The Smigel" award in October 2014 which is granted biennially by New York University College of Dentistry to honor the best esthetic dentists in the world for the social contribution they create, their support for the improvement of esthetic dentistry, their vision and determination and their ability to present innovative ideas around dentistry globally and the education they provide to the dental health professionals about advanced esthetics, technology and the new techniques in general dentistry.

He is also a member of the American Society for Dental Aesthetics (ASDA) and American Academy of Restorative Dentistry (AARD) and the honorary diplomate of the American Board of Aesthetic Dentistry (ABAD).

He is also the editor-in-chief of the Quintessence Magazine in Turkey and on the editorial board of the AACD journal, PPAD (Practical Procedure & Aesthetic Dentistry), EJED (European Journal of Esthetic Dentistry).

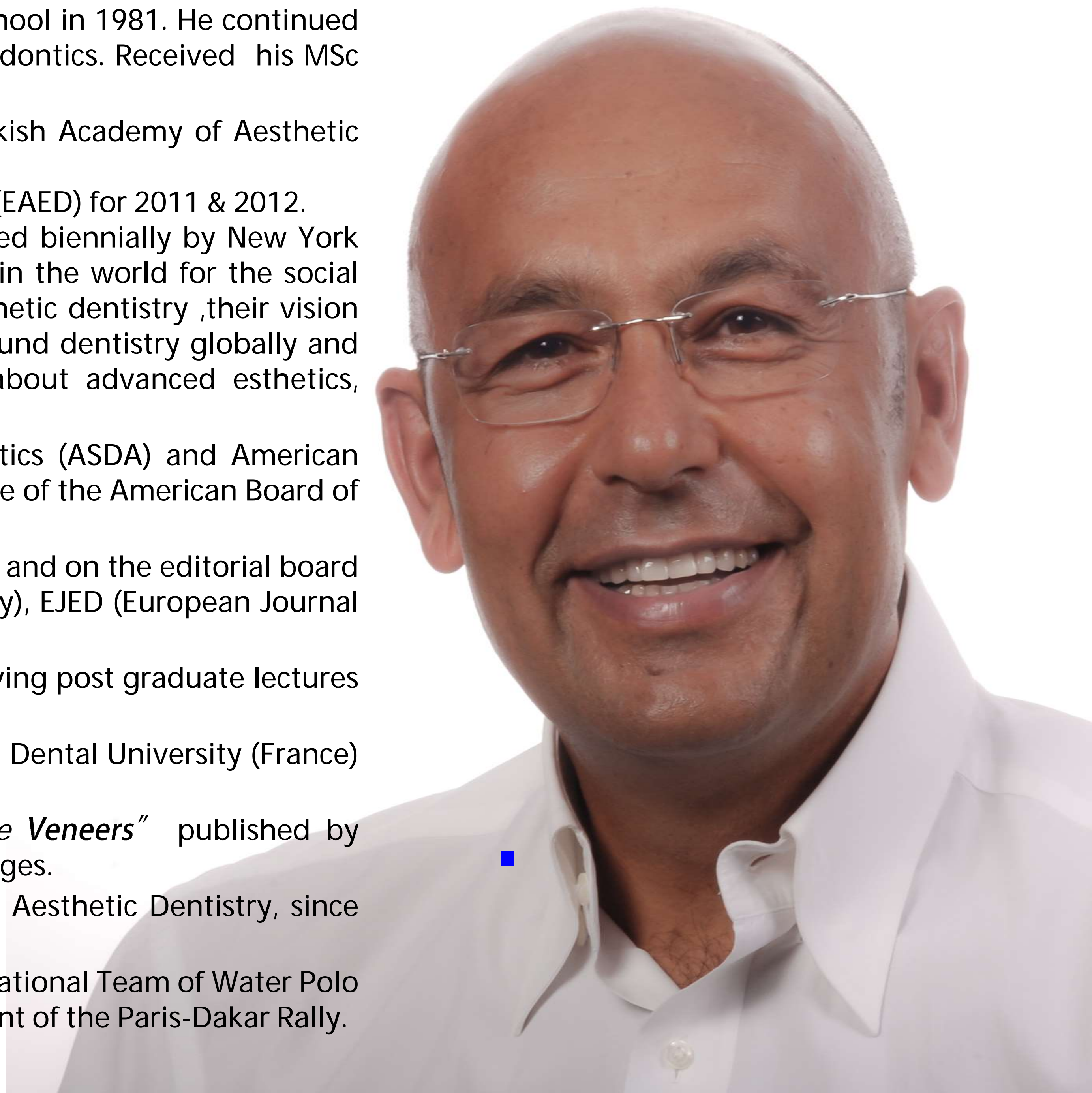
He has been lecturing on dental aesthetics all over the world and giving post graduate lectures on aesthetics dentistry.

He is a visiting professor at the New York University (USA), Marseille Dental University (France) and Istanbul Yeditepe University (Turkey).

He is the author of "*The Science and Art of Porcelain Laminate Veneers*" published by Quintessence publications in 2003 translated into 12 different languages.

He has been practicing in his own clinic in Istanbul, specializing in Aesthetic Dentistry, since 1984.

A renown sportsman, Dr. Gurel has been the Captain of the Turkish National Team of Water Polo for 110 times, a World Champion of the Camel Trophy and a participant of the Paris-Dakar Rally.



# Abstract

The Communication & Workflow for the Personalized Smile Design  
VIS technique and the REBEL

While some of the final esthetic results are creating the “wow” effect, some may fail to meet the patient’s expectations due to disharmony between the smile design and the patient’s personality. The patient may feel that the restored teeth do not really “belong” to him or her. Without the proper knowledge, the origin of this disharmony can be difficult to identify.

For decades, dental clinicians have sought to harmonize the shapes of the teeth with the entire face based on parameters such as gender, personality, and age; however, truly successful results have been elusive. Most of all the smiles are being designed intuitively by the dentist or the ceramist.

The aim of this lecture is to present a novel concept which involves the creation of a customized personal image expressing a person's sense of identity which is based on the “visagism” VIS concept that helps dental clinicians provide restorations that account not only for esthetics, but also for the psychosocial features of the created image, which affect patients’ emotions, sense of identity, behavior, and self-esteem.

The 2D outcomes of the VIS technique, which suggests the individualised final smile design in terms of the incisal projection, tooth axis, dominance of the centrals and the individual teeth shapes, will be suggested to the dentist on a 2D drawing.

Even with this very valuable VIS smile design, for some dentists creating direct a mock up may be difficult. Filling an empty space with teeth can be a difficult task. However with the new digital technologies this problem is now solved. The REBEL is the new 3D DIGITAL SMILE DESIGN program, which can immediately convert the 2D VIS program in to 3D. This way the dentist will be able to immediately 3D print this STL file and be able to place the final wax up in the patients mouth.

The protocol that will be presented in this lecture will show the attendees on how easy to get in to the stage of working with the REBEL, how to get the 3D digital wax up and emphasize the importance of the correct communication which will improve the esthetic diagnosis and the predictability of anterior aesthetic restorations.

# Learning objectives

- How to establish the communication between the dentist and the patient
- How to create the perfect communication between the team members (even though you are in solo practice)
- How to relate the smile design to the **patient'** s facial appearance and to the personality
- Understanding the philosophy behind the VIS technique
- Practically using the REBEL System, and get to know how to create a 3D DIGITAL WAX UP, which every dentist will be able to use indirectly in the patients mouth in order to see the FINAL AESTHETIC DESIGN together with the patient..

# Developed program

## Morning session

the MOCK UP

Importance of mock up ..

Patient Perception..

The basics of this VISUAL communication..

Different types of direct mock up..

aesthetic realistic functional,

aesthetic realistic non functional

aesthetic unrealistic,

unaesthetic (on purpose!)

The Art of the Personalised Smile Design -

VIS CONCEPT in 2D

(basic concept 2D)

Different personalities, different choices

Personality traits (Hippocrates)a

Different cultures, religions, backgrounds, traditions..

however a single universal VISUAL LANGUAGE (Carl Jung)

Understanding the basic shapes and their perception (Philippe Hallawell)

Difference between looking and seeing

VISAGISM (the creation of a customized personal image)

VIS technique (the creation of a customized personal smile design)

Analysis of the face and its perception

Analysis of the personality

Research amongst the dentists about perception

How to relate the Visual language and the shapes, to the facial anatomy and personality

How to clinically apply the technique

the REBEL

The latest and finest 3D WAX UP

How to convert the 2D VIS CONCEPT in to the 3D REBEL  
CONCEPT ?

The incredible advantages of the Digital 3D Wax up..

Basic simple steps for the NEW 3D Wax up..

Integrating the facial outcome and the personality of the  
patient in to the 3D wax up with in seconds..

How to create the STL files..

3D printing of the REBEL design..

Applying the Digital wax up in to the patients mouth as the  
APT..

# Developed program

## Afternoon session

Introduction for the Hands-on Course

Tooth preparation techniques for complicated situations (in details)

Additive vs Subtractive conditions

How to deal with the protruded teeth

How to handle the teeth that are too much palatally positioned

Application of the Visagismile, and creating the direct mock up accordingly

Hands-on Course On Models For All Participants

- Mock-up (according to Visagismile proposal)
- Preparing the translucent silicon impression through the wax up model
- Preparing the silicon index
- Checking the smile with index
- Aesthetic Pre-recontouring — APR
- Aesthetic Pre-evaluative Temporaries — APT
- Evaluation of aesthetics through APT
- Tooth preparation through the APT
- Using depth cutter
- Using different diamond burs
- Finishing the margins
- Modifying the translucent silicon impression for the provisionals
- Making the provisionals using RSVP technique
- Rechecking the provisionals for aesthetics
- And an APT is made through the silicone impression in the patients mouth..

the REBEL

In this LIVE section Dr Gurel will be demonstrating how to make an Indirect Mock up through the brand new 3D Digital software called the REBEL.

REBEL will be launched until the STYLE ITALIANO meeting, and we will be using it to design a case DIGITALLY LIVE OVERSEAS..

A new Smile Design will be created and tried one of the attendees according to the VisagiSMile proposal.

The protocol for the REBEL will be explained in to full details..

All you have to do is to make a very simple mockup ONLY on the CENTRALS and make a full face picture of the patient..

Digitally scan intraorally, and send the 3D STL file to the digital wax up center.

With in less than an hour the 3D STL file of the New Smile design proposal will arrive back..

Then immediately 3d printed..

An impression of the 3D printed model is made with a silicone impression..

And an APT is made through the silicone impression in the patients mouth..

# Material List

1. Stone Models : 1 for prep and 1 wax up model for each attendee

We have a special designed model for that. For the prep model I can send you a copy for you to duplicate it according to the hands-on attendee number or I can make it produced here and send it via UPS ( 25Euros per piece) — for the study model you can make it duplicate there. Please send me your address. if you need our models

2. Luxatemp (DMG- Luxa star) temporary material color A1 or A2 (20 pieces will be recommended for 40 attendees)

3. Luxaglaze (DMG) (4 bottle will be enough for 20 attendees)

4. Silicon Impression — Putty- (DMG) -hand carving (4 boxes will be enough for 20 attendees)

5. Utility Knife (1 for each attendee)

6. Pencil ( 1 for each attendee)

7. Electric Handpiece (Air turbines or high speed electric handpiece preferably) + micromotor ( blue banded) (1 for each attendee)

8. Composite Placement Instrument (1 for each couple of attendees)

9. Vaseline ONE FOR ALL attendees

10. Composit Curing light ( 1 for each couple of attendees )

11. Preparation diamond Bur Kits for each attendee

a. H50AF / Size 010 (Komet)

b. 8855 / Size 016 (Komet)

c. 6856 / Size 021 (Komet)

d. 6844 / Size 016 (Komet)

e. 828.31.026 depth cutter (Brasseler)

12. Composit finishing disks (3M Soflex or Cosmodent discs) — If you can not provide the whole set, please get the COARSE gridded ones) (1 for each attendee)

13. Wipes- 3 boxes will be enough. The brand doesn' t matter.

14. Composite color A1-A2 - (1 for each attendee) The brand doesn' t matter.

15. Impression tray — we need a big size, suitable for the stone model that we will use, without any hole. It can be plastic. (1 for each attendee)

[About points 15 & 16 : In order to save time, you can prepare these impressions for each attendee prior to the hands-on course. 2 impressions will be needed:

1-transparent silicone imprssion, 2-an impression with any silicone putty. ]

16. Transperent Silicon impression Material. (1 for each attendee)

Zhermac, Heraus Kulzer or Cosmodent RSVP transperent impression.

17. Attendees are required to bring their laptops. And also their dental loupes for the hands-on if they are use to work with it.

18. Scanner — 3 SHAPE (or any)

19. Printer 3D

# Day 15

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Dr. Walter Devoto & Odt. Daniele Rondoni: when to do what—from analogical to digital

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Dr. Walter Devoto was born at Chiavari on 29/03/1965, He graduated in Dentistry with honors in 1991 at the University of Genoa. He has held teaching positions at several universities in Europe and currently works with the Universities of Siena, Barcelona (UIC) and Marseille, where he is a visiting Professor in Restorative and Aesthetic Dentistry. He has always been very passionate for conservative and aesthetic dentistry, has authored and co-authored several publications in specialized books and Journals; he is a speaker at national and international courses and conferences on this subject. Is an active member of the Italian Academy of Conservative Dentistry from 1998 and an active member of the European Academy of Aesthetic Dentistry from 2002. Works on his private practice in Sestri Levante (Genoa, Italy) and collaborates with prestigious practices of Dental Aesthetics in Europe.

# Abstract

The guidelines of modern restorative dentistry are adhesion and minimum invasiveness.

Composite materials are now leading on the market as a permanent and universal restoration solution: there is no treatment planning which does not include the use of composite materials as for sealing, anterior or posterior restoration or prosthetic crown support.

The perfect knowledge of the advantages and limits of these materials is fundamental for all dentists: a superficial approach to the use of composites may lead to failure and very long chair-work times.

To know composite materials, nowadays more than ever, means to understand their practical application, to choose the ideal material on the market under the mechanical and aesthetic point of view, to understand when to choose indirect rather than direct technique, to evaluate the use of composites not only in the conservative field, but also in the prosthetic one, both for provisional and permanent solutions.

All in all, it means to properly plan the patient's treatment, focusing on the quality of its final result and the working time to reach it. With these clear indications in mind, the dilemma of whether to use composites or ceramics is no longer an antagonistic choice but rather the two materials represent integrable solutions, a choice which can be used in harmony, even in the same mouth. Therefore, clinicians now have the possibility of optimising to the maximum the advantages which these materials bring to the profession..

# Learning Objectives

*Operative dentistry with white materials, composite and ceramics, is one of the most interesting and thrilling subjects in congresses and debates between professionals. In daily dentistry we find: who are confused, who celebrate the opportunities and who remark their own capacity to obtain outstanding results.*

*Styلةitaliano believes that the modern dentist need clear and precise ideas, practical suggestions to face their own daily challenges on their own dental chairs.*

*Materials found on the market are the INGREDIENTS of our daily work: We as experts, can provide a RECIPE to the dentist, or in other words, how to use and mix perfectly these ingredients in order to obtain a high quality average dentistry without confusion.*

*And finally to create and offer the best MENU to satisfy the patient need.*

*This course offers and IDEPENDENT vision and understanding of their usage methods, comparing experience with research and pointing out tips and tricks.*

*Learning Objective - the objective of the course is to achieve feasible, teachable and repeatable anterior & posteriors composite restorations: the Styلةitaliano recipe for a daily success dentistry.*



## Daniele Rondoni

Graduated in 1979, Daniele Rondoni opened his laboratory in 1982 in his hometown Savona where he has also based the AAT Community College he founded. He's a teacher and counsellor for the "Italian School for Dental Technicians", for the University of Chieti, University of Sienna and University of Rome Tor Vergata. He's an EAED and IAED Active Member and a SICED Associate and O. L. Particularly devoted to the study of morphology and dental aesthetics, he actively collaborates to the development of materials used for aesthetic dental restoration. He authored the text "Tecnica della Multistratificazione in ceramica" (Ceramic Multilayering Technique) and a lab manual about the use of composite materials, introducing his own method, named "Inverted Hardness Layering System". He's among the contributors to "LAYERS, an Atlas of composite resin stratification" by Manauta - Salat, Quintessence Publishing.

# Abstract

In the last years, the adoption of digital protocols in dentistry, has brought about a revolutionary change regarding the work flow, both due to the introduction of new generation materials and, above all thanks to the better use of the “Project” as a key for finalizing our work.

The aim of the course is to highlight the ideal protocol to be used to get all necessary info to design the “blueprint” of our final restoration. Complex cases will be examined too, as well as the steps to take to easily recover info which might get lost.

The digital platform that allows to safely preserve this important info through digital memorization and storage will also be presented alongside with the procedures to create specific data files.

As new generation materials in dentistry play a fundamental part in this paramount change, their important role in data preservation, their use which favours the predictability and the ideal result function-wise will also be discussed.

Finally, the digital process as an ideal method to transform our project into an effective and efficient device, where aesthetic and mechanical properties of new generation materials are perfectly merged and ideally balanced, will also be highlighted.

# Learning objectives

- 2D Digital Project as a guide for a new analogical project, tested on the patient by mock-up, by using a silicon index and resin materials, light cured.

- 2D Digital Project transformed into 3D through 3D boolean coordinates thus avoiding the need to re-design. Through this 3D program we obtain an STL file to make a project-including prototype model to be used as a guide for the mock-up, or as a CAM to proceed to the immediate milling of the final solution.

Digital work flow for a full digital itinerary to obtain

1. a final solution by using the digital impression
2. a pre-visualization from the digital project to realize a final solution without the work-model .

-how to store data,

-how to preserve data

-how to import data

-how to be led by our digital information when using new generation work flow.

# Developed program

- DIGITAL DESIGN FROM 2D TO 3D -

- The of digital or analogical work-flow will be presented and explained, as well as the importance of the specific protocols to adopt in order to obtain a final project named

Planning and communicating

- the importance of treatment, project and final solution
- the **patient's** aesthetic expectations
- the planning and communicating through a dedicated system
- the photographic set-up

Digital 2D project

- mock-up and prototypes
- aesthetic analysis on the patient
- digital 2D project and analogical (traditional) 3D project
- digital 2D project replicated in digital 3D project

Full digital itinerary

- full digital itinerary to optimize an effective work flow
- final solution by using the digital impression
- pre-visualization from the digital project to realize a final solution without the work-model .

Individual digital options and materials

- new generation materials for ideal individual digital options
- 2D and 3D options for complex solutions on implants
- analogical support for an efficient digital workflow
- clinical case and lab procedure today

# Developed program

– Digital designer –

The dental technician as an architect in dentistry

- Planning and communicating

Coffee break

- Digital 2D project

Lunch break

- Full digital itinerary

Coffee Break

- Individual digital options and materials

- Theoretical content

Farewell, diplomas  
program closure



# Day 16

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Dr. Giuseppe Chiodera: New tech & Patient Active Care for achieving the longevity

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Born in Brescia, Dr **Giuseppe Chiodera** graduated with a degree in dentistry from University of Brescia in 2004.

Winner of a scholarship at Kings College University of London. Currently visiting professor in Siena.

Speaker at National and International Conferences

Particularly interested in conservative dentistry and aesthetic restorations but also on diagnosis , prevention ,bleaching , ozone and diode laser.

He is member of Styleitaliano.

He has contributed as Author and coauthor of articles in National and International journals .

# Abstract

Technologies can also be patient friendly: Laser and ozone are new treatment opportunities, that allows less invasive performance and can reduce the patient post operative discomfort .

Patients are asking for minimal invasive treatments: what is more minimal invasive than do not touch the tooth ? the idea is to go over the prevent concept , we want an ACTIVE CARE:

not just an action on the patient but an active action with the patient, he has to be the protagonist from the diagnosis to the treatment.

# Learning objectives

This course wants to give an overview on how new technology can help in a very simple way our daily work and rise the quality perceived of patients.

To show :

- the laser and ozone opportunities
- the Active care philosophy

# Developed program

## ACTIVE CARE APPROACH :

why Active Care . . .

Active care families

diagnostic active care protocol.

## POP BLEACHING

the ideal bleaching material

when to do what

stamp a tray step by step

tips and tricks

## LASER AND/OR OZONE

light and tissues

how to cut

Fiber Laser Aided Guided

CUT

## LASER DENTISTRY

WHY NOT ?

choose your laser

use the light to treat

Diode laser to cut

Diode laser to desensitize

Diode laser to biostimulate.

tips and tricks.

## PATIENT FRIENDLY

THECNOLOGY :

technology from the patient

point of view

A gas to heal

Ozone in dental practice

# Material for Hands-on

Important  
HDMI input at least 2 mts near Dr. Chiodera working place - Good illumination for each participant - Electrical extensions for the micromotors and lamps

## LASER AND/OR OZONE

Chiodera will bring  
support for smart phone with light  
Univet Loupes  
Univet I light  
implants and plastic prepared class 2 teeth

1 unit per participant  
aubergine  
red pepper  
2 würstel

1 unit every 2 participants

blade number 11  
ultrapak positioner or LM fiber positioner

1 Per multiple participants  
000 multipak fiber

A pleasant smile has a positive impact on the professional and social lives of our patients. Giving them a renewed spontaneity and naturalness in their facial mimics represents the goal of our profession.

Teaching how to achieve an Italian model of excellence in dentistry is the goal of Fradeani Education.

Fradeani Education: a team born with a worldwide vision:

The close collaboration between Dr. Fradeani and some particularly talented and motivated dentists led to the creation of a working team with the goal to divulge operative and didactic models based on tradition and clinical experience gained over the years and enriched by a constant attention towards technological innovation.









Dr. 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. He is Master Tutor of the ACE Institute, Dr. Mauro Fradeani's Educational Center and member of the Fradeani Education team.

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.

Dr. Mauro Fradeani

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 and of Fradeani Education.

Associate Editor of The International Journal of Esthetic Dentistry (IJED), 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 book "Esthetic Rehabilitation in Fixed Prosthodontics" Vol 1 and Vol 2, translated into 12 languages published by Quintessence International

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

|       | DAY 1<br>Fradeani                         | DAY 2<br>Fradeani-Bacherini                  | DAY 3<br>Bacherini  | DAY 4<br>Bacherini                    |
|-------|---|--|---|---------------------------------------|
| 9:00  | Facial and esthetic analysis              | Esthetic checklist                           | Functional analysis   | Direct & indirect mock-up             |
| 10:30 | Coffee break                              | Coffee break                                 | Coffee break  | Coffee break                          |
| 11:00 | Dento-labial analysis & phonetic analysis | Functional analysis                          | Functional analysis   | Ideal anterior composition            |
| 12:30 | Lunch break                               | Lunch break                                  | Lunch break   | Lunch break                           |
| 14:00 | Dental analysis                           | Digital esthetic checklist (GETApp Fradeani) | Functional analysis   | Ideal anterior composition on mock-up |
| 15:30 | Coffee break                              | Coffee break                                 | Coffee break  | Coffee break                          |
| 16:00 | Gingival analysis                         | GETApp Live demo performed by the speakers   | Occlusal records, CR and protrusive records, facebow taking | Ideal anterior composition on mock-up |

■ Hands-on Program

Farewell, diplomas  
program closure

# The esthetic treatment plan: traditional vs digital approach

## Esthetic analysis

- A systematic approach to a complete esthetic analysis

## Facial analysis

- Frontal view: interpupillary line, commissural line, midline related to the horizon
- Lateral view: profile, nasolabial angle, e-line

## Dento-labial analysis

- Tooth exposure at rest, incisal edge, smile line, smile width, labial corridor, interincisal vs. facial midline, occlusal plane vs. horizon

## Phonetic analysis

- Pronunciation of M-F-S-E sounds: prosthetic impact
- Incisal edge position, tooth length, vertical dimension

## Direct and indirect mock-up

- Reversible additive technique, treatment preview for the patient, diagnostic confirmation for the clinician
- Different types of mock-up fabrication according to the diagnostic wax-up

## Dental analysis

- Key factors for the treatment plan and for anterior restorations: how to detect and overcome possible obstacles for the achievement of optimal esthetics
- Tooth shape, proportions, position, arrangement and colour
- Transition line angles: how to give the impression of length and width variation

## Gingival analysis

- Gingival margin outline
- Parallelism and symmetry
- Gingival zenith
- Interdental papillae

## Esthetic checklist

- Indispensable tool for the clinician
- Simple, predictable and efficient method
- Systematic approach to collect all the necessary data

## GETApp (Guided Esthetic Treatment App by Fradeani)

- New trends: the use of GETApp for an ideal step-by-step approach to the digital treatment plan

## Functional analysis

A systematic approach to the complete functional analysis

- Do we really need a functional analysis for a case with veneers?
- Occlusal planes
- Occlusal relationships (MI–CO–CR)
- Vertical dimension of occlusion (DVO)
- Anterior guidance
- Parafunctional activities
- Occlusal trauma
- Occlusal adjustment
- Facebow taking
- Occlusal records
- Stone models analysis
- Mounting the articulator
- Adjusting the articulator



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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.

He graduated in Dentistry at the University of Florence in 2004. Since 2005 he has been working as a collaborator in Dr. Mauro Fradeani's office in Pesaro, Italy.

He has attended several courses in Italy and abroad on prosthodontics, implantology and esthetic dentistry and he has followed Dr. Fradeani's annual program on fixed prosthodontics.

Author of several scientific articles published in Italian and international magazines, he is co-author with Dr. Enrico Cogo and Dr. Pietro Sibilla of a text about dental bleaching, published in 2011 by Quintessence International ("Dental bleaching: methods for success"), translated in German and Spanish and presently in translation into other languages.

He lectures nationally and internationally on topics related prosthodontics and esthetic dentistry.

He works in Pesaro and he focuses his professional activity on restorative, endodontics and prosthodontics with particular interest in esthetic dentistry.

|       | DAY 1   | DAY 2  | DAY 3  | DAY 4                          |
|-------|---|--|--|--------------------------------|
|       | Bacherini-Turrini   | Bacherini-Turrini                                  | Bacherini-Turrini  | Bacherini-Turrini              |
| 9:00  | Basic principles of tooth preparation for crowns  | Basic principles of tooth preparation for veneers  | Impression materials and techniques                        | No-prep veneers                |
| 10:30 | Coffee break  | Coffee break                                       | Coffee break   | Coffee break                   |
| 11:00 | Modern principles of tooth preparation for crowns and partial indirect posterior restorations (MIPP procedures) | Modern principles of tooth preparation for veneers | Creating and integrating the provisional restorations      | Discolored teeth               |
| 12:30 | Lunch break   | Lunch break  | Lunch break  | Lunch break                    |
| 14:00 | Crowns: anterior preparations   | Veneers preparations                               | From provisional to final restorations: data communication | Adhesion and ceramic materials |
| 15:30 | Coffee break  | Coffee break                                       | Coffee break   | Coffee break                   |
| 16:00 | Crowns: posterior preparations  | Veneers preparations                               | Buccal-occlusal veneers and table-tops preparations        | Step-by-step cementation       |

■ Hands-on Program

Farewell, diplomas  
program closure

# Anterior and posterior teeth: tradition vs innovation

## Basic principles of tooth preparation

- › Bio-mechanic principles of tooth preparation
- › Traditional vs Innovative tooth preparation
- › Traditional tooth preparation: when, how and why
- › The influence of restorative material selection on tooth preparation design

## Minimally invasive tooth preparation

- › Basic principles of innovative tooth preparation
- › Anterior innovative tooth preparation: complete and partial

## Crowns, buccal and full veneers: a systematic clinical procedure

- › Is it possible to treat the case with buccal veneers?
- › The new concept of full veneers: the use of full veneers for the esthetic and functional optimization
- › Traditional diagnostic wax-up
- › Digital diagnostic wax-up
- › From the diagnostic wax-up to the mock-up
- › Tooth preparation for veneers:
  - › No-prep veneers
  - › Different tooth preparation design according to the specific clinical case
  - › Tooth preparation: incisal shoulder - overlapped
  - › Enamel maintenance or down to dentin ?
  - › Juxta-gingival or intra-sulcular tooth preparation?
  - › Step-by-step tooth preparation

## The role of indirect posterior restorations in case of complex treatment plans using minimally invasive techniques: MIPP (Minimally Invasive Prosthetic Procedures)

### Selection criteria for direct and indirect restorations in the posterior sectors

- › Table tops
- › Buccal-occlusal veneers

## Impression materials and techniques:

- › Gingival displacement
- › Use of retraction cords or alternative techniques
- › Management of soft tissues for intra-sulcular preparations
- › Step-by-step fabrication of a customized tray
- › Selection of the impression materials: alginates, polysulphides, polyvinyl, siloxanes, polyethers
- › Taking the impression with digital scanners - traditional vs digital techniques

## PROVISIONAL RESTORATIONS:

### THE PROVISIONAL AS PROTOTYPE FOR THE FINAL RESTORATION

#### Provisional fabrication and integration

- › Requisites and materials
- › Modified indirect technique (MIT)
- › How to idealize the insertion of the shell before relining
- › Direct technique
- › Indirect technique
- › Fitting, insertion
- › Reinforced provisional
- › Relining, re-margining and finishing
- › Coloring, glazing and cementation

#### Anterior rehabilitation

- › PSM fabrication technique
- › Positioning in the oral cavity

#### 1 arch and 2 arches rehabilitation

- › PSC fabrication technique
- › Positioning in the oral cavity

#### Simple management of provisional restorations with veneers:

- › Fabrication techniques
- › Relining
- › Re-margining
- › Refining
- › Polishing
- › Traditional cementation and “spot etching technique”

#### Ceramic selection, try-in and cementation

- › Which ceramic material for veneers and full veneers: ingot selection
- › Systematic approach for color detection
- › Use of the Natural Die Material shade guide for color of the abutment sampling
- › Creation of a customized Natural Die Material abutment
- › Discolored dentition: alternatives and options in case of heavy discolored teeth
- › The use of dental bleaching with veneers and additional veneers
- › Biscuit try-in and cement selection
- › Step-by-step cementation



**FRAD E ANI**  
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## Dr. Stefano Gori

After graduating summa cum laude in Medicine and Surgery at the University of Florence in 1986, he followed several postgraduate programs with highly qualified lecturers in Italy, in Sweden and in the United States.

He lectures nationally and internationally on periodontology and implantology and he is an author of several scientific articles on these topics.

He participated as a reviewer to Mauro Fradeani's book "Esthetic Rehabilitation in Fixed Prosthodontics", Vol.1 and Vol.2.

Member of the European Association of Osseointegration (EAO) and of the Italian Society of Periodontology (SIdP), he focuses his professional activity mainly on periodontology and implantology in his private office in Florence and in Dr. Mauro Fradeani's dental clinic.

## Dr. Mauro Fradeani

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He is the author of the book "Esthetic Rehabilitation in Fixed Prosthodontics" Vol 1 and Vol 2, translated into 12 languages published by Quintessence International

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

|       | DAY 1  | DAY 2   | DAY 3  | DAY 4  |
|-------|--|---|--|--|
|       | Fradeani-Gori  | Fradeani-Gori   | Gori   | Gori   |
| 9:00  | Esthetic and functional analysis                               | The role of the prosthodontist in the implant treatment of the esthetic area - Part 1 | Post-extraction implant placement: temporary crown insertion Group 1 | Guided Bone Regeneration part 3                    |
| 10:30 | Coffee break   | Coffee break  | Coffee break   | Coffee break                                       |
| 11:00 | Timing of implant positioning in relation to tooth extraction  | The role of the prosthodontist in the implant treatment of the esthetic area - Part 2 | Post-extraction implant placement: temporary crown insertion Group 2 | Guided Bone Regeneration part 4                    |
| 12:30 | Lunch break  | Lunch break   | Lunch break  | Lunch break  |
| 14:00 | Immediate post-extraction implant placement                    | Post-extraction implant placement: surgical procedure Group 1                         | Guided Bone Regeneration part 1                                      | Deferred implant placement + GBR procedure Group 1 |
| 15:30 | Coffee break   | Coffee break  | Coffee break   | Coffee break                                       |
| 16:00 | From immediate temporary restoration to definitive restoration | Post-extraction implant placement: surgical procedure Group 2                         | Guided Bone Regeneration part 2                                      | Deferred implant placement + GBR procedure Group 2 |

■ Hands-on Program

Farewell, diplomas  
program closure

# The implant treatment in the esthetic area

## Esthetic and functional analysis

- › The esthetic parameters: facial, dento-labial, phonetic, dental and gingival analysis
- › Functional analysis: overjet/overbite evaluation

## Post-extraction single implant placement and immediate temporary restoration

- › Timing of implant positioning in relation to tooth extraction
- › Hammerle classification: advantages, disadvantages, indications and contra-indications of the various types of timing. Which is the best approach in the esthetic area?
- › Clinical and radiographic evaluation of the implant site: key parameters
- › Computer pre-visualization of the surgically and prosthetically correct implant position
- › Step-by-step surgical and prosthetic procedure:
  - Atraumatic tooth extraction
  - Correct tri-dimensional implant site preparation and implant insertion
  - Filling the buccal gap
  - Preparing the partial thickness buccal pouch
  - Connective tissue graft: harvesting, insertion technique inside the pouch and suturing

## Immediate (implant-supported) temporary restoration

- › Technical procedure and gold rules to observe
- › Soft tissue contour re-evaluation and conditioning (after the osseointegration phase)

## Finalization phase

- › Transmucosal pathway registration and transmission to the laboratory
- › Selection of the restoration materials: parameters to evaluate
- › Cemented or screw retained solutions? What is the trend?

## The role of the prosthodontist in the implant treatment of the esthetic area

- › The correct prosthetic management of the peri-implant soft tissues
- › Multiple adjacent missing teeth in the frontal area
- › Complex multidisciplinary cases

## Deferred implant placement in the esthetic area

- › Ridge preservation technique: advantages and limits
- › Guided bone regeneration procedure:
  - Biological principles of Guided Bone Regeneration
  - Requirements of the membranes
  - Non-resorbable membranes: indications, advantages and disadvantages
  - Traditional non-resorbable membranes: expanded PolyTetraFluoroEthylene (ePTFE)
  - Latest generation of non-resorbable membranes: dense PolyTetraFluoroEthylene (dPTFE)
  - Resorbable membranes: indications, advantages and disadvantages
  - Analysis of the different characteristics of absorbable membranes:
    - Synthetic (poly-lactic acid and poly-glycolic)
    - Collagen (cross-linked and non-cross-linked)
    - Collagen pericardium, hard-mother, cortical bone
  - Requirements of graft materials
  - Analysis of the different properties of the various graft materials:
    - Biological (autograft, allograft, eterograft)
    - Synthetic (alloplast)
  - GBR in bone defects associated with fenestration and dehiscence peri-implant
  - GBR in horizontal bone defects ■
  - Surgical procedure step-by-step
  - Pre and post-surgical therapy
  - Postoperative complications: prevention and treatment
  - Connective tissue graft: why, when and how

# Abstract

The application of a tried and tested system, experimented for 30 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 esthetic, biological and functional requirements 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 to optimize the prosthetic treatment plan.

To this end, after filling in the esthetic checklist or after inserting all the data in GETApp, the laboratory checklist is employed, a device as functional as it is indispensable for communicating with the dental technician in an exhaustive and effective manner. The scrupulous compilation of this checklist will allow the clinician to specify clearly any request and modification, in order to create an ideal diagnostic wax-up. Containing all the variations necessary for optimizing the results of the rehabilitation, the laboratory checklist will consequently ensure the development of a provisional restoration that can be fitted into the mouth in the same position as the technician intended it in the articulator.

Biofunctional provisionals serve as blueprint 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. Nowadays an innovative operative protocol allows to face highly compromised clinical situations, with a minimally invasive prosthetic procedure (MIPP) that guarantees an excellent, long lasting esthetic result and a better acceptance of the treatment by the patient.

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

## Material for Hands-on

HDMI input at least 2 mts near speakers working place  
Good illumination for each participant  
Electrical extensions for the micromotors and lamps

Periodontal Probe  
Esthetic checklist by Mauro Fradeani  
Laboratory checklist by Mauro Fradeani  
Artex facebow  
Wax (beauty pink - Moyco)  
Alminax dental bite or similar  
Thermostatic pot to maintain the wax at the right temperature  
Alcohol lamp to heat the wax  
Silicon for bite registration (Futar D-Kettenbach or similar)  
Lucia Jig  
Leaf gauge  
Big Scissor to cut the wax  
Articulating paper (deally accufilm articulating paper Black)  
Shimstok  
Laboratory handpieces see picture  
Diamond disk ref Komet 6924 104 180 or similar  
Flowable composite  
Halogen lamp to polymerize the flowable composite (one lamp every 2-3 participants)

Dental model for removable teeth (example: KaVo – upper arch V16, ref. nr. 0.623.0401 or  
Removable teeth (upper incisor, premolar, first molar - example KaVo, ref. 0.623.1115 )  
Silicon for index fabrication (example: Zhermack-Zetalabor Putty – the box includes Indurer  
Catalyst for C-silicones. 3 boxes for up to 50 participants  
Cutter  
Electric Handpiece or turbine  
Burs - ref. Komet S6878K 314 012, 858 412 010, S6379 314 023 or similar  
Probe (example: Hu-Friedy XP23/OW)  
Pencil

Upon completion of the course, participants should be able to:

- Perform an ideal esthetic and functional treatment plan with a digital approach
- Learn how to select the appropriate technique and ceramic material when approaching a full-mouth rehabilitation
- Learn innovative operative protocols with minimally invasive prosthetic procedures (MIPP) for a long-lasting esthetic result
- Understand the different ceramic materials families.
- Select the appropriate ceramic material according to the clinical necessities.
- Select the appropriate ceramic material in order to achieve the best esthetic result
- Select the appropriate technique and ceramic material when approaching a full-mouth rehabilitation
- Understand the material selection criteria for single tooth restoration in the anterior sector on implants
- Learn innovative operative protocols with minimal invasive prosthetic procedures (MIPP) with long-lasting esthetic result
- Know clinical and technical indications that allow to achieve biologic, functional and esthetic integration
- Handle and finalize complex cases in extensive rehabilitations involving periodontal and implant surgery
- Properly communicate functional and esthetic information to the laboratory thanks to a correct use of facebow and bite record registrations.

## Module 4: Simplifying interdisciplinary tx planning and vertical preparations for ceramic crowns

|       | DAY 1   | DAY 2  | DAY 3  | DAY 4   |
|-------|---|--|--|---|
|       | Poggio  | Poggio   | Poggio   | Poggio  |
| 9:00  | Interdisciplinary treatment: what is important        | Occlusal principles in orthodontics, prosthodontics and implant prosthodontics | Principles of prosthodontic full crown preparations  | Management of perio prosthodontic interface             |
| 10:30 | Coffee break  | Coffee break   | Coffee break   | Coffee break  |
| 11:00 | Simplifying Tx planning strategies for complex cases  | The role of orthodontics in interdisciplinary treatments                       | Vertical Preparations in Contemporary Prosthodontics | Soft tissue interactions and management of provisionals |
| 12:30 | Lunch break   | Lunch break  | Lunch break  | Lunch break   |
| 14:00 | The role of occlusion in interdisciplinary treatments | Long term management of perio prosthodontic interface                          | Vertical Preparations                                | Impression techniques                                   |
| 15:30 | Coffee break  | Coffee break   | Coffee break   | Coffee break  |
| 16:00 | Management of maxillo-mandibular relation: MI or CR   | Treatment planning session   | Temporisation  | Cementation   |

■ Hands-on Program

■ Theoretical content

Farewell, diplomas program closure





Carlo E. Poggio DDS, MS Orth, PhD, is Active Member of the Italian Academy of Prosthetic Dentistry (AIOP), of the Italian Society of Orthodontics (SIDO) and of the Italian Society of Periodontology and Implantology (SIdP). Associate Fellow of the Academy of Prosthodontics. Visiting professor in the Postgraduate Program of Orthodontics of the University of Milan (Italy) and in the Departments of Prosthodontics of the universities of Siena (Italy) and Rochester (NY). President Elected of the Italian Academy of Prosthetic Dentistry (AIOP) for 2019-2020 and member of the Executive Board of the American Prosthodontic Society. He is in private practice in Milan but maintains research and publishing activity (H-index 19). He lectures extensively in Europe and North America about interdisciplinary treatments, prosthodontic preparations, ceramic materials for prosthodontic treatments.

## Developed program

### INTERDISCIPLINARY TREATMENT PLANNING

What is really important?

Simplyfing the complex patient: biologic priorities and esthetic requirements

Role of occlusion in interdisciplinary treatments

Dental treatments in bruxers and TMD patiens

The Maximum Intercuspation or Centric Relation dilemma

Occlusal differences in orthodontics, prosthodontics and implant prosthodontics

Interdisciplinary interactions that can enhance the outcome of rehabilitation treatment: the power of orthodontics in interdisciplinary treatments

Treatment sequences criteria in interdisciplinary treatments

Managing an interdisciplinary team

### VERTICAL PREPARATIONS WITH CERAMIC MATERIALS

Understanding the difference between various type of margin geometry for full crowns

Indications and contra-indications for different types of margin geometry

Use of vertical margins in perio involved patients

Use of vertical margins in non perio patients

Different types of materials for crowns suitable with vertical preparations

Step by step preparation procedures

Temporisation. Laboratory provisionals

Soft tissues interactions and management of provisionals

Impression techniques. Conventional and digital

Cementation techniques, protocols and materials

## Abstract

Interdisciplinary treatment management is a common treatment modality in patients with severely mutilated dentitions as well as in those with more limited clinical conditions but with high esthetic demands. Unfortunately quite often the interaction between different specialties may lead to additional problems instead of additional solutions and treatment management may be frustrating: "fuzzy" exposure to even the highest state of the art treatment in each discipline may result in far from ideal results. Strategic multidisciplinary or interdisciplinary management and planning is necessary to maximize treatment results by synergizing the knowledge, skills and possibilities of all the different dental disciplines.

Vertical tooth preparations without a defined finishing line (knife edge, feather edge, or shoulderless) are an alternative to "horizontal" ones (shoulder, chamfers). Preserving the maximum amount of sound tooth structure, as it is done in vertical preparations, offers a more conservative alternative to a horizontal margin design in clinical conditions such as periodontally involved teeth, endodontically treated teeth, vital teeth in young individual, teeth affected by caries at the cervical third. Moreover vertical preparations allow for a simplification of prosthodontic procedures. Vertical margins on ceramic crowns have been tested in vitro and clinical reports have been published. A re-evaluation of advantages of vertical preparation design in contemporary prosthodontics will be presented in light of clinical experience and with the support of recently published literature.

## Material for Hands-on

Wax for intraoral maxillo mandibular registration

(Moyco Pink Beauty Wax Extra Hard and DeLar Bite Registration Blue Wax)

Thermostats for hot water

Typodonts with soft gums

Provisionals (one for anterior and one for posterior for each typodont, pre milled PMMA or pre fabricated provisionals)

Resin for provisionals (any type)

Resin cement (RelyX or similar)

Bonding (Scotch Bond Universal or similar)

Vaseline

Impregum/Permadyne impression material

(Intraoral Scanner)

High speed handpieces and straight handpiece for provisional refinement

Burs for preparations (Komet/Brasseler):

- 862.314.012
- 8862.314.012
- 862.314.016
- 8862.314.016
- FGD11
- 811.314.037
- 6830L.314.016
- 368.314.023
- 8368.314.023

Burs for provisionals refinement:

- HM79 045 (Meisinger)
- 6863.104.016
- rubber wheel

## Learning objectives

This course has as main goal to let the practitioner learn how to manage complex cases in everyday clinical practice, defining simple priorities in order to correctly manage biology and function and to plan adequately esthetic improvements when required. Special attention will be given to the use of vertical prosthodontic preparations for ceramic full crowns with the aim of learning a simple prosthodontic procedure with excellent long term results

At the conclusion of this 4 day course participants will be able to or have gained an understanding of:

- identify possible interdisciplinary interactions that can enhance the outcome of rehabilitation treatment
- identify treatment sequences criteria in interdisciplinary treatments
- managing vertical preparations for ceramic crowns