

International Full-Immersion Hands-On Course



Marco Veneziani

ANTERIOR TEETH

SOLUTIONS & CLINICAL PROCEDURES

Hands and Art

- DIRECT COMPOSITE RESTORATIONS
- INJECTION MOLDING TECHNIQUE
- CERAMIC LAMINATE VENEERS

July 9 - 10 - 11 2026



Komet Academy Training Center- VERONA, Italy

via Belgio 12

In English

Abstract DIRECT TECHNIQUE

"..nothing increases or decreases professional prestige more than a good or bad restoration performed in anterior teeth".

In the anterior areas, aesthetic restorations with direct techniques have particular difficulties in terms of diagnostic and operative phases. The restorative approach must be as **"biomimetic"** as possible: it is necessary to emulate faithfully the natural teeth from an aesthetic and functional point of view. An in-depth knowledge about form and color (of natural teeth) as well as composite materials and adhesive procedures is essential, today, to satisfy the ever-increasing aesthetic requests of patients. The indications, cavity design and **"modified anatomical stratification" techniques**, the important stages of finishing and polishing of the composites will be analyzed. Procedures must be predictable, accurate and non-imaginative and allow for any correction steps. Ultra-conservative techniques (eg micro-abrasion, erosion-infiltration, fragment re-bonding) and mucogingival surgery are further options for a complete approach to the aesthetic areas. The innovative **Injection Molding Technique** with highly filled flow composite may be an ideal solution in some peculiar restorative cases or in cases integrated with orthodontics and periodontal surgery. Direct techniques can also be an ultraconservative therapeutic option for the restoration of severely compromised teeth due to invasive cervical resorption.

All the different advanced restorative solutions will be examined and described with the help of many clinical cases and a beautiful video.

The hands-on part will be essential to learn the techniques of direct restoration in composite guided by silicon indexes, while the practical demonstration of the speaker will clarify all the procedures about the injection technique.

Objectives and learning points

- 1) Defining the update indications for direct anterior restorations
- 2) Illustrating the advanced clinical procedures to do invisible anterior restorations
- 3) The learn the differ solutions with direct approach: Composite Layering technique driven by silicon index, Veneering free-hand, Press-technique, Flowable Injection technique, intrasurgical restirations,minimal invasive techinques.

ABSTRACT CERAMIC LAMINATE VENEERS

Complex cases with high esthetic needs represent a challenge for clinicians. In order to achieve the planned result, a multidisciplinary approach is vital. New technological devices are necessary to facilitate the collaboration between clinical team members, as well as to develop an effective diagnostic and therapeutic pathway.

The present lecture describes a **well-defined protocol for the treatment of esthetic cases with the use of ceramic laminate veneers**. The protocol involves different branches of Dentistry – periodontal therapy, mucogingival surgery, restorative, orthodontics, prosthodontics. Every step should be executed in a very strict order:

- intra- and extraoral esthetic analysis of the patient, with photographs and video
- digital previsualization by means of Digital Smile Design (DSD)
- clinical previsualization by means of Mock-up
- if needed, orthodontic, mucogingival, endodontic treatments
- minimally invasive teeth preparation, driven by mock-up and silicone indeces
- ceramic laminate veneers manufacturing
- try-in and adhesive cementation.

The protocol will be illustrated with some clinical cases and an amazing video, in which all the above-mentioned steps were carried out.

TOPICS

- 1) Defining the update indications and the materials for the realization of the laminate veneers
- 2) Defining a multidisciplinary operative sequence from aesthetic analysis to mock-up-guided preparation to adhesive cementation of laminate veneers
- 3) Defining the advantages of digital esthetic preview (Digital Smile Design)to gain highly esthetic treatment

Program Thursday

Theoretical Session

9.00-13.00

- Fundamental aesthetic criteria (objective and subjective)
- Materials and tools
- Adhesive techniques : Operative sequences

DIRECT COMPOSITE RESTORATIONS

Ultraconservative Treatment options:

- The Micro-abrasion technique
- The Erosion-Infiltration technique
- Re-bonding of the dental fragment
- **Class V Restorations with iuxta- and subgingival margins (combined surgical and restorative procedure)**
Class V composite restoration and gingival recession : **restorative and muco-gingival surgery**
- **Class III Restorations** : the centrifugal and centripetal -layering technique
- **Class IV Restorations** (for decay ,fracture ,amelogenesis imperfecta, wear)
 - Pre-surgery analysis
 - Finishing of the margins :butt-joint, chamfer, bevel 45°,rounded bevel
 - Layering technique driven by silicon index :
 1. Anatomical
 2. Anatomical modified and
 3. Simplify layering technique-
 - Finishing, Macro-texture, polishing, surface texture, brightening

Video Full HD : Intrasurgical Fragment re-bonding ,Class IV restoration driven by silicon index, modification of the emergency teeth profiles



Program Thursday

13-14 Lunch

14.00-16.00 Theoretical Session

- Direct Composite Veneers
- The integrated restorative-and- surgical treatment for the Fracture far below of CEJ and Invasive Cervical Resorption



16.00-19.00 HANDS ON - DIRECT LAYERING

Execution by the delegates of an upper frontal tooth, which is to be layered with composite material (from root to crown) with the help of matrix silicon index. The delegates will make a central upper incisor by composite layers stratification (root and crown) with driven by silicon index matrix .

Finishing, polishing, micro-texture and brightening procedures.

The speaker will verify all the operative sequences step by step and perform a live demonstration



Program Friday

9.00-13.30 Theoretical Session

CERAMIC LAMINATES VENEERS

Photography status and Digital Digital Smile Design.

Visagism and morpho-psychology

Diagnostic Wax-Up driven by DSD

Clinical previsualization (Direct Resin Mock-Up)

Dental tissues preparations:

1. Free hand prep
2. Preparation driven by silicon indices
3. Preparation driven by mock-up
4. Preparation driven by dental lab

Basic Principles and Operative sequences

- Conventional preparations and Enamel Recontouring
- Direct Provisional restorations
- Adhesive cementation step by step (ceramic conditioning and tooth conditioning, finishing and occlusal check)
- Multidisciplinary approach: Mucogingival surgery, Orthodontic treatment, Orthognatic Surgery)

VIDEO Full HD: Ceramic Laminate Veneers : clinical procedures from the aesthetic analysis to the adhesive cementation of laminate veneers with all the operative sequences in the upper arch



13.30-14.30 Lunch

14.30-19.00 - **HANDS ON**

The participants will perform a direct resin mock-up on a special models with synthetic teeth and then preparation for laminate veneers driven by mock-up and finally the temporary direct restorations.

The speaker will verify all the operative sequences step by step and perform a live demonstration



Program Saturday

9.00-13.30 Theoretical Session

INJECTION MOLDING TECHNIQUE:

The Innovative Customized Hybrid Index (by Veneziani-Quintavalla) :
how to made it ,how to use it



The different clinical procedure:

- One stage One step approach
- One Stage Two steps approach
- Layered 2 stage three Steps approach

Clinical Applications and indications :

- Restorative
- Pre- and Post-Ortho
- Periodontal case
- Full Mouth adhesive Rehabilitations

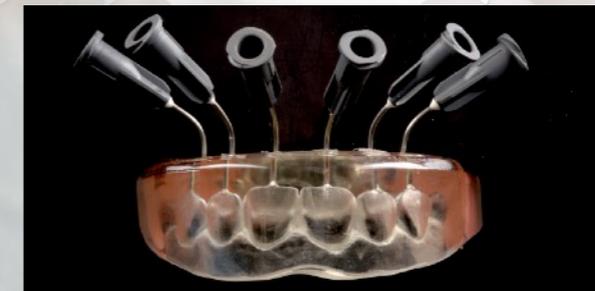
Video Full HD : Full mouth adhesive rehabilitation with direct layering composite and layered INJECTION Molding Technique 2 stage-3 steps

14.30-17.30 HANDS ON

Execution by the delegates of 4 upper incisors by means of flowable Injection Molding Technique : construction of the traditional Silicon Index -Isolation every-other -tooth -Injection by Monolithic 2 steps approach.

Finishing ,polishing, brightening procedures

Live demonstration by the speaker : the Flowable Injection Molding Technique with the Customized Hybrid Index on a dedicated resin model .Flowable Injection ,finishing ,polishing, brightening procedures



Fee and Conditions

The fee is **2.500 Euro/participant** and includes:

- Models, and Materials for the 3 Hands-On session
- Coffee-breaks and Lunches
- Friday Dinner

Payment

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