

# RESTORATIVE & ORTHODONTICS

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## Presentation of the course

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The management of the anterior sectors in multidisciplinary treatment plans presupposes the evaluation of not only aesthetic and functional factors but also of planning and communication with all members of the team.

For this it is essential, after having collected all the patient's clinical data and assessed his expectations, to be able to define a clear decision-making hierarchy within the team in order to decide who does what and when. The orthodontist will be in charge of the final dental position and will decide how to reach it. Instead, the restorer will be responsible for defining the final shape and the type of restoration to be carried out to optimize aesthetics and function. The restorative intervention can also be modulated during the various stages of treatment in order to modify the dental shapes on the way and thus simplify the work of the orthodontist.

A decisive aspect is clear communication between team members, patient and laboratory. For this reason we have created “**Communication templates to the orthodontist and the laboratory**”, where with a few clicks we can integrate all the information we want to transmit

Another essential aspect is communication with the patient: from the first meeting, in fact, information is often requested on the costs and duration of the restorative part of the treatment. To give an immediate and effective response, we have systematized the possible treatment alternatives by creating for each of these an “**Effective communication with the patient**” template that will contain all the necessary information.

This same document will allow our secretariat to schedule appointments and to interface effectively with the orthodontist and laboratory.

An entire section of the course will be dedicated to the collection of essential data, the photographic technique, the compilation of templates and the automation of sequences.

Finally we will deepen all the **rehabilitation techniques**, direct, indirect and prosthetic that can be used during the various phases of the treatment and for the final rehabilitation of the orthodontic patient.

Furthermore, each technique will be studied in depth with **videos, photos** and **clinical examples** and addressed during the practical part in order to be applied in the office safely and effectively.

## Data collection

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- Aesthetic, phonetic and dynamic evaluation of the patient
- Collection of clinical data: photos, models and mounting in the articulator
- Photography: equipment, photographic technique, simple and standardized settings and projections
- Case presentation template with all useful patient data
- Optical and analog impressions: which ones to use

## Diagnosis and Treatment Plan

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- Multidisciplinary case planning: decision protocol in order to clarify who does what and when.
- Potential of digital technology for diagnosis, planning and monitoring of treatment
- Choice of the timing of restorative intervention: before - during - after orthodontic treatment
- Lateral incisor agenesis: open or close spaces? Tooth shape modification, implants or Adhesive bonded bridges?
- What is important to observe in a smile especially when there are brackets or during orthodontic treatment
- Choice of the type of restorative material and of the manufacturing technique during the different phases of the treatment: freehand, injection-moulding composites, CAD-CAM restorations
- Dental stabilization after restorative treatment.

## Communication

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- "Effective communication with the patient" template
- "Effective communication with the orthodontist" template
- "Effective communication with the laboratory" template
- The 7 essential photos: projections, photographic technique and cataloging
- How to use the templates to make clear requests to the orthodontist and the laboratory
- How to use the template to communicate with the patient, organize appointments and interface with the other elements of the team.

## Practise

- Photographic technique and photo management.
- Optical and traditional impression techniques.
- Compilation of templates

## Freehand composite restorations

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- Learn how to speed up treatment and reduce chairside costs
- Make all the shape changes necessary to improve the smile (composite-up) directly in the mouth without going to the laboratory
- Make silicone indexes to easily register and transfer this shape to final restorations
- Easy handling and layering of composites
- Close wide and narrow diastemata
- Transforming canines into laterals and premolars into canines in case of agenesis of the laterals with space closure
- Harmonization of anterior tooth shapes to optimize the aesthetic result of orthodontic treatment
- Learn how to quickly refine and polish restorations

## Practise

- Step-by-step of all procedures

## Ceramic laminate veneers

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- Understanding what to change in a smile to make it harmonious
- Effective communication with the laboratory
- Create, modify and polish the mock-up (molding of the diagnostic wax-up in the mouth) to evaluate the new shapes with the patient.
- Choose the most suitable material (Composites, Picn, Rnc, Ceramics)
- Choose between optical and conventional impression
- Choose the the best ceramic material for laminate veneers (sintering, die-casting, CAD-CAM techniques)
- Safely prepare and cement the ceramic veneers.
- Obtain temporary restorations that do not come off and act as orthodontic restraints.

## Single-wing resin bonded bridges

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- Choose which element to put the wing on
- Manage the provisional phase to evaluate the shape, stabilize the dental position and condition the soft tissues.
- Soft tissue conditioning: strategies and techniques
- Final impression: optical or conventional
- Choice of material for the ceramic reinforcement and for the aesthetic part.
- How to accurately manipulate and position the restoration
- How to carry out aesthetic, phonetic and dynamic tests
- Adhesive cementation of the single-fin bridge: materials and techniques

### Practise

- Step-by-step of all procedures

### Benefits

- each participant will be personally followed by Dr. Perakis
- each clinical procedure of the practical part will be supported by step-by-step explanatory videos
- each participant will be provided with all the communication templates
- each participant will be provided with a detailed list of all the tools and materials used by Dr. Perakis

