



Management of the anterior region with ceramic laminate veneers and free-hand restorations

4-DAY FULL IMMERSION HANDS-ON COURSE

Speaker curriculum



Dr Nikolaos Perakis graduated in dentistry with first class honors at the University of Bologna (Italy). He completed his studies at the University of Geneva (Switzerland) where he obtained the title of LMD, a Doctorate under the direction of Dr Pascal Magne, and the Specialization in Fixed Prosthodontics under the direction of Prof. U. Belser.

He is an Active member of the Swiss Society of Restorative Dentistry (SSRD), of the Accademia Italiana di Conservativa (AIC) and of the European Academy of Esthetic Dentistry (EAED).

Lecturer in the Department of Fixed Prosthodontics of the University of Geneva (Prof. U. Belser) from 2004 to 2014, he also holds the title of Clinical Professor for the course "Master of Fixed Prosthodontics and Implant Dentistry using advanced technologies" which he teaches at the University of Bologna (Prof. R. Scotti). He gave lectures and courses in many Universities as Harvard University, Boston (MA),

University of Southern California USC, Los Angeles (CA), Université de Strasbourg (France), Université de Genève (Switzerland), University Athens (Greece), Università di Napoli e di Bologna (Italy).

He has over the past years published scientific articles and lectured internationally. He maintains his own private practice in Bologna (Italy)

Schedule

9 - 12 September 2020, Cluj Napoca, Romania

Hands-on

The course provides for a large section dedicated to clinical practice on a simulator accompanied by a step by step explanatory video of the clinical procedures on the simulator.

Every participant will be personally tutored by the instructor.

The participants will receive a complete detailed list of all the instruments and materials utilized by the instructor in his office and their organization into a standardized kit.

Aesthetics with bonded restorations: a distinctive approach to nature

Part I

From smile design to clinical realization

In the last decade modern dentistry has undergone many revolutionary changes. Clinicians and dental technicians are faced with difficult choices as the number of treatment modalities and materials continue to grow. Patient's of all ages, with increasing aesthetic requirements, express the desire to be able to decide the final treatment outcome by choosing from different options. The aim of this presentation is to explore the vast range of esthetic rehabilitations and to evaluate the criteria used in decision making towards available materials and techniques. A new concept "visual perception" will be introduced to place next to the classic "smile design" to create the appearance of a harmonious smile even if it does not reflect the classic aesthetic criteria.

Due to their characteristics, composites and ceramics lend themselves for the perfect optimization of the dental shape for ideally finishing orthodontic cases, but also to manage and resolve aesthetic problems in more complex cases.

Part II

Aesthetics with free-hand composite restorations vs porcelain laminate veneers

Free-hand composite restorations are the most suitable option for young patients, especially if the maturation of soft tissues is not completed yet. Their optical and physical characteristics allow clinicians to obtain optimal aesthetic results in few clinical sessions. Furthermore, clinical cases can be managed without any laboratory step or digital smile design in a very ergonomic way. The composite-up technique allows indeed to visualize the final tooth form directly in the patient's mouth just before starting the treatment in few minutes.

Topics:

- Color & layering strategies: keep it simple!!!
- CI III & CI IV management: cavity design, finishing of the margins, layering strategies.
- Diastemata closure: Tips & Tricks.

Aesthetics with porcelain laminate veneers

Bonded porcelain restorations offer a restorative solution that balances the functional and esthetic needs of the anterior dentition. Porcelain's optimal stiffness, its ideal surface characteristics and the bio-mechanical strength achieved through high-performance bonding, enable the crown of the tooth as a whole to support incisal or masticatory function. By the same token, the optical effects inherent in the tooth and the lifelike features of the porcelain makes this restorative approach ultimate in aesthetics. Classical and full digital workflow will be described.

Topics:

- Diagnosis
- Digital vs conventional simulations (digital smile design vs composite-up)
- Mock-up (esthetic, phonetic & dynamics)

- Final preparation
- Final impression (conventional vs digital)
- New CAD-CAM materials for prep leers veneers: how and when
- Provisionals (how to stabilize provisional restorations)
- Final cementation (material choice)

Part. III

Aesthetics in multi-disciplinary cases

The evolution of the digital planning offers the team a GPS for visualizing the final result, monitoring the clinical progress and optimizing the operative time and clinical result.

To take full advantage of the potential of this new technology, especially with multidisciplinary minimally invasive treatment planning, it is necessary to follow new and more efficient operative protocols that will be fully explained in this presentation. The multidisciplinary management of agenesis, microdontia, tooth shape and position defects with minimally invasive adhesive restorations creates an excellent opportunity for the patient and team. Recent literature validated the reliability of adhesive techniques as an alternative to classical implant options. Indications, pros and cons of both clinical possibilities will be discussed. Cases with anterior implants and adhesive partial dentures will be discussed. A step-by-step approach to condition soft tissues and give a natural look at the pontic area in post-orthodontic young patients.

Topics

Missing laterals

- close or open space: pros & cons
- implants, adhesive fixed partial dentures or space closure

Adhesive fixed partial dentures to replace missing laterals:

- treatment planning
- how to manage provisional phase and improve the esthetics of the edentulous space
- final preps
- provisionals (and timing for surgery)
- new CAD-CAM materials
- try-in and bonding procedures.

Management of the anterior region with ceramic laminate veneers and free-hand restorations

1. The modern treatment approach

Integration of conventional, adhesive and conservative therapeutic philosophy

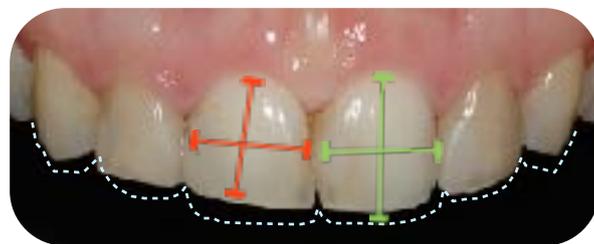
2. Clinical file

Extra-oral and Intra-oral assessment of the patient: recording of important clinical data

List of the problems

Defining the objectives of treatment

Assessment of risk factors: development of treatment options



3. Esthetic and phonetic analysis

Facial analysis

Dental exposure as a function of the labial dynamics

Smile line - Smile width - Lateral corridors

Prosthetic reference planes

Phonetic analysis

Positioning of the incisal edge - tooth length - VDO

Define and visualize the necessary shape changes

Individualizing the factors that alter the harmonious smile

How to create the illusion of differing lengths and widths of the teeth

Modifying the shape in the mouth : the composite-mock up

How to communicate our ideas to the orthodontist and to the laboratory

4. Laminate veneers: indications and new possibilities

Diastema closure

Harmonizing the smile

Modifying shape and colour

Veneers in complex prosthetic cases (management of the guidance and occlusal plane)

Thin and ultra-thin veneers



5. Tooth preparation

Assessment of shape and function: from the diagnostic wax-up to the mock-up

Classical veneers vs additive veneers: treatment strategy

Preparation design - management of the margins - occlusal design

Dentin exposure & Immediate dentin sealing



6. Impressions

Choice and use of retraction cord and haemostatic agents

Choice of material and clinical use.

New digital technologies: advantages and limits.

7. laminate veneers materials choice

The physical, chemical and optical characteristics of modern ceramic

Feldspathic, leucite based and lithium disilicate based ceramics

Fabrication methods: classical vs digital technologies.

8. Provisionals

Fabrication and finishing

Cementation techniques: spot etching, provisional cements, mechanical locking

How to avoid decementation/ loosening of the provisionals until definitive cementation.



9. Adhesive cementation

Try in of veneers: precision and contact points

Try in pastes: is it possible to modify the colour and luminosity with the cementation?

Optimizing the adhesive cementation: treatment of the tooth and veneer surface

Choice of cementation material: restorative composite, flow or composite cement ?



10. Composite materials: indications and new possibilities

The science behind the structural and optical characteristics of composite materials

Composite materials and their use in multi-disciplinary cases: how to create a natural look

How to differentiate indications for composite resin vs. ceramics

Indications: change of tooth form, diastemata closure, restoration of traumatized teeth



baseline



composite-up

A step-by-step approach to the layering strategies (simple, anatomic, multi-layered)

Enamel and dentin bonding concepts.

Finishing & polishing techniques



Hands-on - laminate veneers

Management of tooth form: from the wax-up to the mock-up

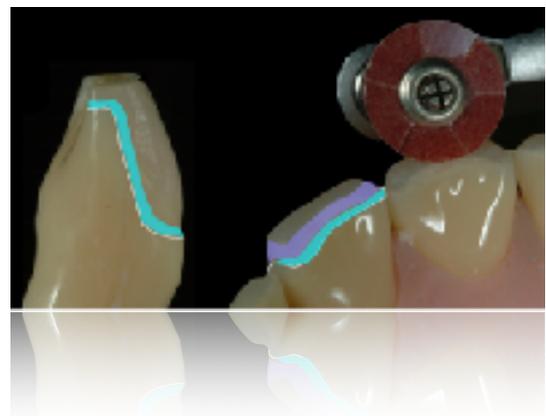
Silicon index preparation and mock-up realization

Tooth preparation (from cuspid to cuspid)

Optical Impressions - Provisionals

Try in of veneers with try- in paste

Adhesive cementation of one veneer using a composite cement



Hands-on - free-hand composites

Anatomic layering of a central incisor

Completing large Class III & IV restorations

Closing diastemata and black triangles



Registration

For more details and registration please contact us at:

marius.sirbu@orthoprofile.com

+40 - 737 - 0205050

Registration fees

1. Theoretical part fee (access to the theoretical part of the course) - 600 EURO + VAT
2. Theoretical & hands-on fee (access to theoretical and hands-on sessions) - 1500 EURO + VAT