

## NEXT-GEN PROSTHETIC AND IMPLANTOLOGY

# 1 WEEK

full-immersion to a Modern approach in Esthetic and Functional Rehabilitation on Natural Teeth.

Dr.Giacomo Fabbri

### **DAY 1. /Mod 1**

#### **ESTHETIC AND FUNCTIONAL TREATMENT PLANNING**

The ideal treatment plan must be drawn up following careful esthetic, functional, and structural analysis and with the aid of radiographic and digital examinations. The variations necessary for optimizing the clinical case in terms of teeth and soft tissue esthetic must be transferred to the technician for creating a wax-up that will convert in a diagnostic and functional mock-up. This process is crucial moment of the prosthetic therapy and nowadays with the 3D technology is possible to create the "Avatar" of our patients optimizing the analysis, the diagnosis, the planning, the communications and the interdisciplinary approach to the prosthetic therapy. This approach can be suitable in all the daily routine starting from the esthetic cases moving to the full-arches reconstructions. The Day 1 of this course is aiming to describe in details this workflow, starting from the basis of the traditional approach and then moving to the latest procedures with an integrated digital workflow.

Dr.Fabbri 09,00-10,30:

- The first consultation: how to approach and organize it in our routine?
- Improve communication and increase patient satisfaction
- Esthetic and functional analysis in the Digital Era
- Step by Step approach for creating the ideal wax-up with Digital and Analogic Workflows
- Face Scanner and record jaw movements: how to elaborate and integrate all these informations?

#### **Break 10,30-11,00**

Dr.Fabbri 11,00-12,30:

- Increasing the VDO: When, Why and How.
- Management of VDO with digital technology: where are the advantages?
- Basis of the minimal invasive restorative approaches: definition, why and in which situations?
- Occlusion in Fixed Prosthesis: myths and new evidences

#### **Lunch 12,30-14,00**

Dr.Fabbri 14,00-16.00:

- Pre-visualization techniques and functional test drive: Analogical Vs Digital techniques
- The diagnostic and functional full-mouth mock-up approach
- How to create the ideal silicone key for the mock-up
- Mock-up techniques: 3D Printed Vs Silicone Index Vs AI powered
- The treatment Plan on implant therapy in case of esthetic zones

#### **Break 16,00-16,30**

Dr.Fabbri 16,30-18,30:

#### **Live demonstration and Hands-on**

- CR record and Evaluation of DVO
- Facebow taking: Digital Vs Traditional workflows
- Mock-up technique



## **DAY 2 /Mod 1**

### **TEETH PREPARATION, TEMPORARY RESTORATIONS, IMPRESSION AND INTRAORAL SCAN.**

New restorative materials and techniques have revolutionized traditional therapeutic approaches. Today, adhesive techniques combined with ceramic materials represent the cornerstone of a modern and successful restorative approach. This evolution has inevitably influenced dental preparation techniques, making them increasingly minimally invasive with the goal of preserving as much enamel and dental structure as possible. A question that naturally arises is: can the new digital workflows, including intraoral scanning and other digital procedures, be fully integrate with these modern restorative solutions? The answer is yes, and during this course, this aspect will be thoroughly explored in every detail. Special attention will also be given to the role and management of provisional restorations and the proper transfer of all aesthetic and functional parameters to the laboratory.

Dr.Fabbri 09,00-10,30:

- The role of Adhesion in contemporary fixed prosthodontic
- Modern concept on teeth preparation
- Teeth preparation with Finishing Area Vs Finishing Line: advantaged and indications
- How to define the positioning of the finishing line: extra, iuxta, and sub-gingival
- Intrasulcular preparation: when and how deep should you extend the preparation into the sulcus?

#### **Break 10,30-11,00**

Dr.Fabbri 11,00 -12,30:

- Bonded Maryland Zi Bridge single-retainer: a strategic solution for many indications
- Preparation for Veneers
- Preparation for Occlusal Buccal veneers
- Preparation for Full-coverage restorations and bridges

#### **Lunch 12,30-14,00**

Dr.Fabbri 14,00-16.00:

- The temporary restorations: how to execute it, 3d printed Vs Cad/Cam Vs Analogic techniques
- Temporary restoration and soft tissue management in fixed prosthodontic
- Impression Vs Intraoral Scan: advantages and drawbacks
- Impact of Scanning strategy on trueness and precision

#### **Break 16,00-16,30**

Dr.Fabbri 16,30-18,30:

Hands-on on Teeth Preparation

*Social Dinner*



### **DAY 3 /Mod 1**

#### **FROM THE TEMPORARY TO THE FINAL:**

#### **STEP BY STEP APPROACH TO THE FINAL REHABILITATION**

The phase of the finalization is a fundamental in the prosthetic therapy. A thorough understanding of materials and their characteristics is essential to optimize both the aesthetic and functional outcomes. During this step, it is crucial to establish excellent communication and a reliable approach with the dental laboratory to replicate in the final prosthesis all the aesthetic and functional aspects tested with the provisional restorations. In this stage of treatment, we will also explore how digital workflows can, in many cases, simplify and enhance the achievement of excellent results. The cementation procedure, particularly with adhesive approaches, is a critical moment for the success of the treatment. We will analyze in detail all the parameters to monitor in order to achieve optimal results, whether working with glass ceramics or zirconia.

Dr.Fabbri 09,00-10,30:

- The development of all-Ceramic during last decade
- The Zirconia from the 1<sup>st</sup> to the 5<sup>th</sup> generation
- Biomechanical and Esthetic considerations about Metal-free approach
- Silica Based Ceramics Vs High Strength Ceramics: what is changing?
- Minimally invasive Bonded Zirconia restorations: the new normality?

#### **Break 10,30-11,00**

Dr.Fabbri 11,00-12,30:

- Layered Vs Monolithic restoration in the anterior zones
- Layered Vs Monolithic restoration in the posterior zones
- Evaluation of the ideal ceramic thickness in the frontal and posterior areas
- The treatment of the dark teeth: preparation design, thickness and selection of the material.

#### **Lunch 12,30-14,00**

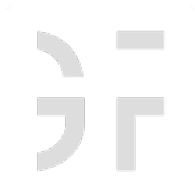
Dr.Fabbri 14,00-16.00:

- The cross-mounting technique: Analogic Vs Digital
- Selection of the cement and of the technique in case of veneers, maryland, partial and complete restorations
- Step by Step procedure for a reliable adhesive cementation

#### **Break 16,00-16,30**

Dr.Fabbri 16,30-18,30:

Live demonstration on patient



#### **DAY 4 /Mod 2**

#### **THE BASIC PRINCIPLES FOR A MODERN PROSTHETIC THERAPY THAT COMBINES AESTHETIC, BIOLOGY AND BIOMECHANICS.**

The secret to a successful implant-supported prosthesis lies in achieving complete integration of the restoration at all levels. Implant restorations involve a series of interfaces that must be optimized to ensure long-term success. These include: the prosthetic interface, the aesthetic interface, the soft tissue interface, and the bone interface. All of these parameters are closely interconnected, and through careful selection of both surgical and restorative protocols, it is possible to optimize their integration. In this regard, a solid understanding of the biological principles surrounding dental implants is essential for making appropriate therapeutic decisions. Furthermore, the choice of materials also plays a key role in enhancing the mucosal seal and achieving natural aesthetic results.

Dr.Fabbri 09,00-10,30:

- Biological width around dental implant
- Selection and management of the implant-abutment interface (IAI)
- IAI Implications with the biological width and the bone remodelling around implants
- A biologically driven concept to design Emergence Profile around dental Implant

#### **Break 10,30-11,00**

Dr.Fabbri 11,00-12,30:

- Bone remodelling and bone Loss: when and how to evaluate them?
- Defining Biological Room and Restorative Room of the Emergence Profile
- How to identify the ideal 3D and vertical position of the implant
- Selection the restorative approach the TRIO: Morphology, Material and Clinical Approach.

#### **Lunch 12,30-14,00**

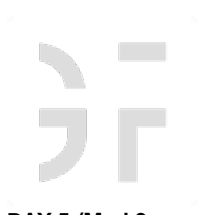
Dr.Fabbri 14,00-16.00:

- The Morphology of the emergence profile and Biological response
- The Morphology of the emergence profile and Aesthetic
- The Morphology of the emergence profile and Oral Hygiene Maintenance
- How to design the restoration in the Biological and Restorative Room

#### **Break 16,00-16,30**

Dr.Fabbri 16,30-18,30:

- Guidelines for the selection of the restorative material in the Biological and Restorative Room
- Surface treatment of the abutment: chemical and mechanical strategies.
- Identifying the ideal restorative approach in the Biological Room and Restorative Room
- One abutment One Time approach: implications on Bone and Soft tissue



#### **DAY 5 /Mod 2**

#### **THE TREATMENT OF THE ESTHETIC AREAS: EVALUATIONS AND THERAPEUTIC STRATEGIES FOR THE BONE AND THE SUPRACRESTAL SOFT TISSUE COMPARTEMENTS**

The perfect aesthetic integration of the implant-supported restoration depends on three key factors: the diagnosis and prosthetic planning, the evaluation of the bone compartment and its management using the most appropriate surgical techniques, and the evaluation and management of the supracrestal compartment. The latter has gained a crucial role in recent years in the treatment of aesthetic cases, as it is at this level that we must intervene to achieve excellent aesthetics. In managing aesthetic areas, the initial diagnosis and planning of the most appropriate surgical approach and technique are fundamental to avoid complications and severe aesthetic defects. During this day, all these aspects will be addressed to allow for the safest possible approach to implant therapy in aesthetic zones.

Dr.Fabbri 09,00-10,30:

- Definition of the treatment plan in aesthetic area
- Surgical preservation of the soft tissue morphology
- Surgical rebuilding of the soft tissue morphology
- Prosthetic rebuilding of the soft tissue morphology

#### **Break 10,30-11,00**

Dr.Fabbri 11,00-12,30:

- Live demonstration on patient

#### **Lunch 12,30-14,00**

Dr.Fabbri 14,00-16,00:

- GBR and Bone graft in Implant therapy
- The key factors for the success
- The flap design and the soft tissue management
- Soft tissue conditioning and temporary restorations in case of surgical rebuilding therapy

#### **Break 16,00-16,30**

Dr.Fabbri 16,30-18,30:

- Immediate implant placement: advantages and indications
- Immediate implant placement: with Flap or No Flap?
- Bone and CT graft in case immediate approach
- Connective tissue harvesting techniques
- Soft tissue conditioning and temporary restorations in case of surgical preservation therapy
- Hands on on Pig Jaw ( Flap Management, GBR, CT graft)



## **DAY 6 /Mod 2**

### **THE TREATMENT OF THE FULL EDENTULOUS PATIENT AND THE SELECTION OF THE RESTORATIVE APPROACH AND MATERIAL**

Dr.Fabbri 09,00-10,30:

- Definition of the treatment plan in the full edentulous patient
- Occlusal and Biomechanical consideration
- Definition and indication for FP1 , FP2 and FP3 solution
- Implant and Abutment selection in the full edentulous patient

#### **Break 10,30-11,00**

Dr.Fabbri 11,00-12,30:

- Guided surgery: Static Vs Dynamic
- How to manage the immediate temporization
- The rules in order to avoid complication with the temporary full-acrylic approach
- Impression techniques: Tradition Vs Digital and new trends.

#### **Lunch 12,30-14,00**

Dr.Fabbri 14,00-16.00:

- Hands On ( Immediate implant & Temporization)
- Protocol for Oral Hygiene maintenance
- Monitoring the patient with AI and digital tools
- Prevention and surgical treatment of periimplantitis: When and How?
- Q & A and Conclusion

and Functional

Day



## **LEARNING OUTCOMES:**

- FELL COMFORTABLE WITH THE LATES TECHNOLOGY IN THE FIELD OF THE PROSTHETIC REHABILITATION ON NATURAL TEETH AND IMPLANTS
- FELL COMFORTABLE WITH MANAGEMENT OF EXTENSIVE AND COMPLEX REHABILITATIONS
- IMPROVE YOUR COMMUNICATION SKILLS AND TREATMENT ACCEPTANCE
- FELL COMFORTABLE WITH MANAGEMENT OF INTERDISCIPLINARY REHABILITATIONS
- FELL COMFORTABLE WITH THE TREATMENT OF CHALLENGING ESTHETIC CASES
- FELL COMFORTABLE WITH NEW DIGITAL TREATMENT PROTOCOL
- OPTIMIZE THE SELECTION AND MANAGEMENT OF THE RESTORATIVE MATERIAL
- INCREASE YOUR KNOWLEDGE ABOUT THE USE OF MONOLITHIC RESTORATIONS IN THE ANTERIOR AND POSTERI AREAS
- INCREASE YOUR KNOWLEDGE ABOUT THE CAD/CAM AND 3D PRINTERTECHNOLOGY
- IDEAL MANAGEMENT OF THE SOFT TISSUE AROUND TEETH AND IMPLANT
- FELL COMFORTABLE IN THE AESTHETIC TREATMENT WITH DENTAL IMPLANTS
- FELL COMFORTABLE IN THE TREATMENT OF FULL EDENTULOUS PATIENT
- FELL COMFORTABLE WITH SOFT TISSUE MENAGEMENT AROUND IMPLANT
- INCREASE YOUR KNOWLEDGE ABOUT STATIC AND DYNAMIC NAVIGATION SURGERY

*(MAX 25 PARTECIPANTS: Each participant can be accompanied by his technician)*

**May 4-9 2026, CATTOLICA (ITALY)**

## **INFO**

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