

Training IN STAFF studio-lab Intra Oral Scanner and Workflow

Learning Level 2.4





COURSE DURATION

2 days

The dates of the course are available on-line at www.growupteam.eu



WHO IS THE COURSE FOR

For the entire team.

■ **Dentist** with the following scanners:

Trios 3Shape, CS 3600/CS3700/CS 3800 DEXIS, Element I-Tero, Medit i-500/i-700, Primescan Sirona, Shining 3D/Marathon

■ **Technicians** with the following CAD software:

Exocad, 3Shape



WHERE

Grow Up Centre, Ambra room and Smeraldo room, common room equipped for the Clinical and Technical Education.



METHOD

Complete interactivity between Grow Up participants and trainers and 90% of practice performed on the manikin and CAD workstations.



GOAL

We will work together with the participants to make them better acquainted with the digital tools they already possess and present them with procedures that will facilitate their workflow. The different teams, up to a maximum of 6 participants will be able to choose the topics to be covered in depth before starting the course, which will be customised according to their needs. During the course, we will create a training session for the scanning of full dental arches, for the preparations on natural teeth, and all the following CAD phases concerning the necessary prosthesis restoration. We will train on the daily digital sessions concerning the implants: scanning sequences and protocols of the flow on the single implant, and small performances on the implants.

ADMISSION REQUIREMENTS

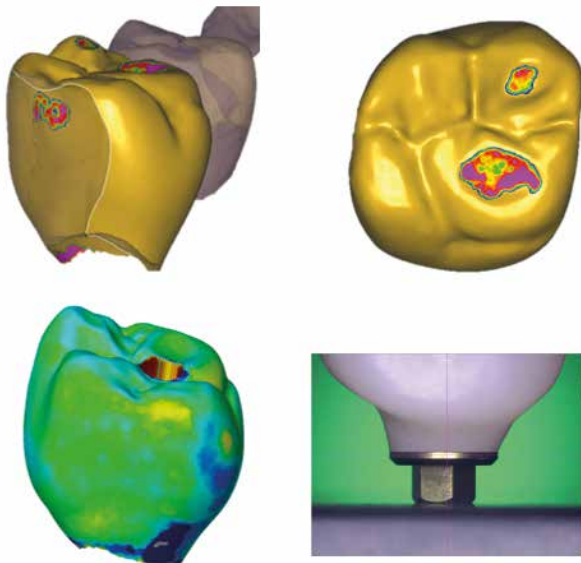
- To make the workflow of intra oral scanning successful, we believe that it is necessary to join all the skills of the Dentist and the dental technician teams. For this reason, we designed and created in detail this course and we called it Intra-Oral Procedure IN-Staff.
- These two days are a great responsibility for the Grow Up team: try to do our best and share our complete knowledge to make your daily digital session efficient.
- This will be possible only through the presence of both Dentist and technician.
- **We do not want to be too much severe or ambitious, but we will not accept subscription of only Dentist or only technicians: offering you the best is essential for us as well as sharing all the course contents to both Dentist and technicians at the same time.**

Course Schedule

- Definition of personal goals of every team and on-going checks about their achievement during the course.
- Principles and Musts of the scanning: The positive performances of the intra oral scanners to be exploited.
- Principles and Musts of the CAD software in the file management by intra oral scanner.
- Scanning techniques for the creation of natural teeth and Digital Wash Technique.
- Focus on mono implant and small performances. scan-body, customised scan-flows and step-by-step.
- Solve the digital issues daily observed by New Ancorvis through “Hacks, Tricks and Cheats”.
- All the digital cross mounting modes with the intra oral scanners.

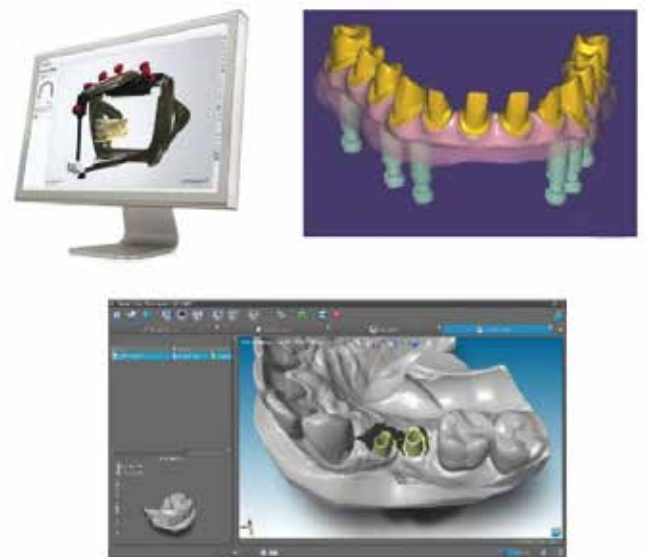
Training session for the Clinical Team

- Scanning exercises: centring, alignment, focal distance, rotations, scan impasse, acquisition side, and correlation between hands and video.
- Exercises on simulator: no-prep arches, single elements and bridges on dental preparations, bite registrations and results check.
- Exercises on simulator: scan-body acquisition of single element and multiple elements on small manufacturing.
- Extra oral scanning exercises with intra oral scanners.



Training session for the Technical Team

- Exercises: alignments of adding scanning files, general parameters, file cleaning and edge tracking on partial and total preparations.
- Exercises: from the file package to the library selection and marker alignment, check and creation of virtual model.
- Exercises: abutment-crown design in a unique phase, bridge, and crown (for screw-retained and for cement-retained technique) in relation to the transmucosal profile and management of angled screw channels.



Topics List for [Dentist]

The participants can select from the following list the topics to explore according to their needs:

- Practical aspects that can influence the intra oral scanning.
- Scanning strategies: a correct relation between Quality and Time.
- The check of scanning field: Tricks and assistant role.
- Scanning of full dental arches with teeth: protocols and exercises.
- Acquisition of key information for the preparation of a tooth: protocols and exercises.
- Detection of bite registrations (also by DVO) and management in the laboratory.
- Digital components knowledge and management: scan-body and T-base.
- Protocols and exercises for the intra oral detection of the scan-body.
- Prosthesis on implants: step-by-step and flows with the laboratory.
- Partial and total restorations with full-digital flow.
- Modeless & Models: selection criteria and operation.
- Digital language: what STL, PLY and owner files are.
- Transfer of mucosal path on Digital.
- Scanning pairing and analysis (Gom).
- Temporary prosthesis and prototypes scanning on extra oral mode.
- The main error sources in the intra oral scanning.

Topics List for [Technicians]

The participants can select from the following list the topics to explore according to their needs:

- Management of the bite registration in laboratory (also with DVO).
- Knowledge and management of components for cement-retained technique.
- Scan-Body and Libraries: in-depth analysis.
- Manufacturing on implants: step-by-step and workflows.
- Digital language: STL, PLY, file owner etc.
- CAD Design: virtual conditioning of tissues.
- Adding scanning management in the laboratory.
- File preparation for milling and printing.
- Scanning pairing and analysis (Gom).
- Protocols for Double STL File: creation of double file of customised abutment with direct crown, reinforced temporary prosthesis.
- File cleaning and edge marking resulting from intra oral scanning.
- Partial and total restorations with full-digital flow.
- Bite and inter-proximal contacts resulting from software.
- YES Models and NO Models: selection criteria and operativity.

TRAINERS

Fabio Ferri

He got a Dental Technician Certification at L-Dehon Institute of Bologna in 1989. He has been working in the dentistry industry since the very beginning of his career when he started to work in the sales area of companies like Sweden&Martina and Novaxa. From 1997 to 2018 he worked for 3M Oral Care in the Scientific Affair Department. His goal was to develop projects and relationships with Opinion Leaders and Universities, and to deal with the publishing of scientific-technical aspects concerning the dental materials. He spoke as Lecturer at different workshops and education courses, and he obtained the role of Scientific Marketing and Education Manager of the national area.

In the last 8 years during this job experience, he has focused most on the deep development of Intra Oral Scanning aspects and Digital Workflows by cooperating with the Research & Development Team on the optimisation of the scanning procedures and the education activities and by working as Trainer for the Intra Oral Scanner. Since January 2019 he has been working in New Ancorvis and he focuses on the development of Grow Up Project.

**CLINICAL TEAM
MAX 2 PERSONS**

€ 790 + VAT

The Dentist could bring a collaborator from his practice (only as watcher) with an adding cost of € 350 + VAT

**TECHNICAL TEAM
MAX 2 PERSONS**

€ 480 + VAT

The technician could bring a collaborator from his laboratory (only as watcher) with an adding cost of € 150 + VAT

Each course will be performed with a maximum number of 6 complete teams.

Marco Ortensi

He got a Dental Technician Certification at Marcello Malpighi Institute in 2010. Since 2007 he started to work in the family laboratory and he became fond of innovative technologies, above all the use of CAD-CAM in the dental field.

In 2013 he opened his own laboratory where he worked as free-lance and focused on CAD-CAM manufacturing.

In 2015 he got a High Specialisation Certificate in Digital Dental Technology at University Guglielmo Marconi in Rome.

For 2013 he has been working with NEW ANCORVIS as external design centre.

For 2015 he has been working with NOBIL METAL and he organises digital dental technology education courses.

He has cooperated with several professionals as course and meeting lecturer and on the publishing of specific articles concerning CAD-CAM; manufacturing.

For 2017 he has been working with Exocad software house, where he manages the "Train the Trainer" Certification. He is member of Centro Odontotecnico Ortensi Gianni & C. since 2017.

Franco Schipani

He got a Dental Technician Certification at Edmondo De Amicis Institute of Rome in 1986. He got a High Specialisation Certificate of Dental Technology in permanent and temporary prosthesis and implants at University of Studi Dell'Aquila in the academic year 2012/2013. He got a High Specialisation Certificate of Digital Dental Technology at University Guglielmo Marconi of Rome in the academic year 2014/2015. He got a Certificate as ExoCad international Official Trainer in 2014.

He was the owner of dental laboratory Sundent of Cesena from 1991 to 2015. For 2010 he has been working as Technical Consultant for Nobil Metal Company. In 2013 he was the coordinator of Digital technical Consultants of Nobil Metal. He has been professor of High Specialisation Course of Digital Dental technology at Uni Marconi in Rome for 2014. He has been the Project Manager of Sinergy for the Companies Nobil Metal and New Ancorvis for 2016. He is a Lecturer at national and international meetings. He is the publisher of several articles in specialised dental magazines. He is a Lecturer of Specialisation Courses.

SUBSCRIPTION, MODES, AND PRICES

Here it is possible to subscribe to the course by accessing to the dedicated **on-line platform**.

Without prejudice to the right of withdrawal*, in case of impossibility to attend the course,- it is mandatory to send a written communication by e-mail atinfo@growupteam.eu within and not after 14 days before the start of the course- it is allowed to request the subscription to a different date from the ones available. If the participant cannot attend the course on the alternative date, the contract shall be considered terminated for reasons attributable exclusively to the client and there will be no reimbursement of the subscription cost by Grow Up.

In case of missing subscription payment by one of the participants of the two Teams according to the modes and time indicated during the subscription step, it will not be possible to participate to the course.

* In accordance with the article 52 of the Legislative Decree n. 206/05, the participant to the course, according to the limits ruled by the article 59, can exercise the right of withdrawal within 14 days since the subscription, without providing any reason and bear costs different from those expected by the article 56, paragraph 2, and the article 57.



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