



DIGITAL DENTAL
EDUCATION
PAWEŁ SZUBA-PASZKIEWICZ

BECOME A PERFECT DIGITAL DENTIST

DIGITAL PROTOCOLS FROM BASIC PROSTHETICS
TO ADVANCED IMPLANT - PROSTHETIC PROCEDURES
WITH SMILE DESIGN & LAB TEAMWORK

PART I

DAY1

9:00 A.M. - 6:00 P.M.

Centrum Estetique

- Digital Dentistry Today - Possibilities and limitations which scanner should you buy?
- The digital office - Virtual Patient Concept - Patient's data collecting for future function&esthetic planning.
- Dental Intraoral Scanner - How it works, the key parameters, what's the most important during scanning and crucial aspects in post-scan analysis.
- Errors, issues and mistakes during scanning - how to recognise and avoid future problems.
- What your analog impression won't tell you while digital scan immediately will?

11:00 - 11:15 _____ *Coffee Break*

- Digital Occlusion - Introduction to diagnostics the basic issues of occlusion in digital environment (functional interview, aesthetic analysis, the definitions of MIP, CR, CO, OVD, virtual articulation, digital axiography, translated into digital World).
- The Importance of bite accuracy in digital dentistry - multiple bite registration protocols, bite validation, how to achieve stable MIP and Centric Relation position for precise bite acquisition?
- Scanning In Centric - Splints, Deprogrammation jigs, difference CR onto the single scan.

13:30-14:15 _____ *Lunch Break*



HANDS-ON

Part I

- Practical application of knowledge during scanning - basic mutli-bite scans, implant crown Scanbody scanning, pre and post preparation scanning getting familiar with different IOS useful software tools (cut/paste/undercuts/blocking/prep and margin line check etc..).

11:00 - 11:15

Coffee Break

- The Digital Facebow Concept - A mixture of concepts such as Facebow, DFA, with a help of a certain portrait photos, incorporated into CAD designing program (such as Exocad). A complete protocol for digital consultation - video&photo data collection.

The digital facebow will make your occlusion significantly improved without any die cast models and analog articulators !!!

- Teamwork Cooperation - how collected data are being exported and processed by a dental lab in the ExoCad designing program - live demonstration by dental technician.

18:00

Summary

- Summary and discussion
- Depending of the participant's needs - case presentations with specific issues solved - previously enlisted by the attendees.

19:30 Opening Dinner

Let's get to know each other off-topic!



DAY2

9:00 A.M. - 6:00 P.M.

Centrum Estetique

- Original method of prosthetic filed preparation for digital impression - Dia-CT (Diathemy- Guided Chemo-Mechanical Retraction) - step by step.
- Soft Tissue management in the digital environment - respecting the biological width, avoiding black triangles with digital predictability and protocols.
- Advanced scanning protocols - fullarch/ fullmouth rehabs, introduction to the basics of digital axiography (short ModJaw presentation).

11:00 - 11:15 _____ *Coffee Break*

HANDS-ON

Part II, Clinical live presentation with patient

- Medical interview, intraroal scans, clinical examination, CBCT scans, multiple bite registrations, basic photo/video protocol.

13:30 - 14:15 _____ *Lunch Break*



Clinical live presentation with patient

- Medical interview, intraoral scans, clinical examination, CBCT scans, multiple bite registrations, basic photo/video protocol.

13:30 - 14:15 _____ *Summary*

Clinical hands-on: work with the patient

- Digital interview and consultation, scan & proper bite registration (MIP, Centric, Canine guidances and Protrusion).
- Clinical extra- and intraoral examination.
- Complete photo/video step-by-step protocol execution.

16:15 - 16:30 _____ *Coffee Break*

- Edentulous ridge & denture scanning
- Digital preservation of patient's OVD, Over-The- Denture smile design & hybrid digital-to analog denture workflow - case and scan presentation.

17:00 _____ *Summary & end of day II*

- The installation of Smile Designer Pro and SmileCloud software - ***own computer required (PC/MAC/iPad)***.
- Advanced procedures and possibilities of Smile Designer Pro program - practical exercises
- Smile Designer Pro vs Smilecloud - the differences, helpful tools to communicate with the lab technician.
- Discussion.





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PART II

DAY3

9:00 A.M. - 6:00 P.M.

Centrum Estetique

- A complementary protocol of treatment plan writing based on data collecting and patient's digitalisation by:
- Using a „must have” smile photo/video protocol - static & motion, Smile designer pro vs Smile Cloud. - Overview
- The Esthetic Digital Facebow Concept - A mixture of concepts such as Digital Facebow and Facescanner with a help of a certain portrait photo, incorporated into CAD designing program (such as Exocad) will let you get rid of either analog DFA or analog Facebow in your digital World!
- The virtual patient - how collected data are being exported and processed by a dental lab in the ExoCad designing program - live demonstration by dental technician.

11:00 - 11:15 _____ *Coffee Break*

- The transformation into the modern digital dental office - the proper direction and sequence of stocking up with the equipment and knowledge.
- How to outsource and train your own dental technician - success stairs and learning curve
- The relationship between dentist and dental lab technician - Digital teamwork & cooperation protocols - we're on the same team!

13:30-14:15 _____ *Lunch Break*

- Retraction and scanning, full arch preparations in fullmouth rehabilitations. Scanning with pre-scanned and precisely preserved OVD.
- Implant prosthetics scanning - worth-knowing tips&tricks, important facts and useful solutions. AllOnX intraoral scan protocols and possibilities.



HANDS-ON

Part II, 15:00 - 17:30

- Practical application of knowledge during scanning - basic mutli-bite scans, implant crown Scanbody scanning, getting familiar with different IOS useful software tools (scans matching, cut / paste / undercuts / blocking / prep and margin line check etc..)

16:15 - 16:30

Coffee Break

- Implant prosthetics scanning - worth-knowing tips&tricks, important facts and useful solutions. AllOnX intraoral scan protocols and possibilities. SmartFlags (by Apollo Solutions)
- Scan quality analysis. Bite validation and analysis.
- Matching the scans -scanner's software vs Exocad
(**dental tech presentation**)

17:30 - 18:00

Summary and discussion

- Depending of the participant's needs - case presentations with specific issues solved - **previously enlisted by the attendees - please pre-prepare questions with your common problems**



DAY 4

9:00 A.M. - 4:00 P.M.

Centrum Estetique

- Complementary commandments of smile esthetics, in theory and practice - the anatomy of aesthetics, macro and micro aesthetics. Rules and guidances to assess a perfect smile design&execution.
- Working with Smile Designer Pro - how to design and communicate with the lab to achieve predictable esthetics and functional effect.
- Smile Design Step-by-step - live presentation.

11:00 - 11:15 _____ *Coffee Break*

HANDS-ON

Part IV

- The installation of Smile Designer Pro and SmileCloud software - **own computer required (PC/MAC/iPad).**
- Advanced procedures and possibilities of Smile Designer Pro program - practical exercises.
- Smile Designer Pro vs Smilecloud - the differences, helpful tools to communicate with the lab technician.



13:00 - 13:45 *Lunch*

- Designing the smile - Advanced hands-on training.
- Practical implementation of collected informations and digital data transfer to the 3D lab environment . Live presentation of cases from the dental lab perspective.

16:00 *Summary, discussion & end of day IV*

- Discussion.

Thank you for your attention,

Paweł Szuba-Paszkiewicz





**DIGITAL DENTAL
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THANK YOU

*Paweł Szuba-Paszkiewicz
& Giuliano Fragola*