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Romanian Society of Dental Science

IMPLANTS CONNECTED TO NATURE

26 - 28 Octombrie 2017 | Sibiu, Hotel Ramada

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Dr. Marco Esposito



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Dr. Francesco Mangano



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Implants connected to nature



**Dr. Francesco
Mangano**

**26 octombrie
ora 15:00
20 de locuri**

3D SCANNERS: ALL YOU NEED TO KNOW

Francesco Mangano, DDS, PhD, FICD - Dental School, University of Varese, Italy

The introduction of a whole range of digital devices (intraoral, extraoral and face scanners, cone beam computed tomography with low dose radiation - CBCT) and processing software (computer-assisted-design/computer-assisted-manufacturing - CAD/CAM prosthetic software, software for planning implant surgery), together with new aesthetic materials and powerful manufacturing and prototyping tools (milling machines and 3D printers) is radically transforming the dental profession. Intraoral scanners allow us to take an accurate, precise optical impression of the dental arches, using only a beam of light.

The optical impression is now supplanting the classic method with tray and impression materials: this last procedure, never liked by patients and often technically difficult, it is likely to disappear over the next few years.

The information on dento-gingival tissues acquired from an optical impression can be also used to design prosthetic restorations. Indeed, information on dento-gingival tissues can be combined and overlaid with that relating to the patient's bone structure obtained from CBCT, by using specific planning software. Implants positioned through a guided surgical procedure can be loaded immediately, using prosthetic restorations in resin, printed before the fixtures are positioned. This is known as the "full digital" technique.

In the present workshop, the Speaker will report on the most important features an intraoral scanners should possess, and on the possible clinical applications of these powerful devices; the participants will have therefore the possibility to try to use these devices, which represents the future of impressions in ora implantology.

Taxa: 150 Euro + TVA

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Participarea la workshop este posibilă doar după înscrierea la congres.

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