UNICAMILLUS
International Medical University in Rome

UniCamillus
Via di Sant'Alessandro, 8 00131
Roma
Email: postlaurea@unicamillus.org
Web: www.unicamillus.org
PEC: postlaurea.unicamillus@pec.it
Tel.: 06 40 06 40

UniCamillus - Università medica internazionale di Roma riconosciuta con DM 927/17 del MIUR

DIGITAL DENTISTRY

A.Y. 2022/2023

CPD SECOND-LEVEL COURSE

AIM

The introduction in dentistry of tools such as intraoral, desktop and facial scanners, digital condylographs, and cone beam computed tomography (CBCT) now makes it possible to acquire all 3D patient data. These data, automatically reprocessed by artificial intelligence software, make it possible to obtain a virtual 3D model of the patient. The "virtual patient" is an essential tool for diagnosis, assisted by artificial intelligence, and for the planning of surgical, prosthetic and orthodontic treatments. The software, together with modern virtual and augmented reality systems (holography), allow you to plan the treatment in 3D and discuss it, even remotely, with the dental laboratory; moreover, they represent key tools for communicating with the patient.

Finally, tools such as milling machines, 3D printers and laser sintering units allow the creation of fixed and removable prosthetic restorations (also supported by implants), models and surgical templates, bite splints, aligners, which are used in the clinic.

Digital technologies transform dentistry, increasing diagnostic accuracy and the appropriateness of therapies. The procedures become "minimally invasive" and "biologically-inspired": ceramic materials are used, which guarantee exceptional biological and aesthetic performance, and the patient is increasingly at the center of the treatment, thanks to the use of "custom-made solutions." Designed and manufactured for the specific anatomical-functional needs of the case.

Partner:

- Istituto Stomatologico Toscano
- Digital Dentistry Society (DDS) International

Director: Prof Carlo Mangano

Main Speakers:

- Alessandro Cucchi;
- Mario Imburgia;
- Henriette Lerner;
- Giuseppe Luongo;
- Fabrizia Luongo;
- Luigi Stefanelli;
- Carlo Mangano;
- Francesco Mangano;
- Fernando Zarone;
- Matteo Valoriani,
- Riccardo Scaringi;
- Adriano Piattelli.

Recipients and access requirements:

- Master's degree and / or specialist degree in Dentistry and Dental Prosthesis;
- Master's degree and/ or specialist degree in Medicine and Surgery with specialization in Dentistry or qualification for the practice of Dentistry;
- Master's degree in Medicine and Surgery.

Application Deadline:	1st February 2023
Master Start Date:	May 2023
Subriscption fee:	Euro 8.000
Duration:	1 year (1500 hours)

Language:	English
Credits:	60 C.F.U.
Places available:	Min. 10 max. 20
Notice:	Downloadable from the University website