



Università degli Studi
Guglielmo Marconi

ISTITUTO STOMATOLOGICO TOSCANO
GUGLIELMO MARCONI UNIVERSITY



**2019 DENTAL
MSc.
PROGRAMS**



**DIGITAL, AESTHETIC & RESTORATIVE
DENTISTRY**

2019 DIGITAL, AESTHETIC & RESTORATIVE DENTISTRY EDUCATIONAL PROGRAM

INTRODUCTION TO THE EDUCATIONAL PROGRAM

The aim of Digital Aesthetic and Restorative Dentistry Educational Program's aim is to provide dentists with a scientific based treatment planning, and patient care decisions. This includes esthetic dental techniques, as well as the dental materials used in all aspects of esthetics and restorative dentistry. This program is organized and directed by Implatech and Igor is the partnership of this program for Middle East.

Guglielmo Marconi University, is the first and still only private Italian university that is accredited in the United States! The University was recognized by the Italian Ministry of Education, University and Research in 2004. In accordance with the Decree of March 1st 2004 published in the Official Gazette of the Italian Republic Marconi University was authorized to establish

Istituto Stomatologico Toscano, Istituto Stomatologico Toscano, founded in 1990 by Prof. Ugo Covani, is a non-profit foundation for clinic research and high education in dentistry. It organizes post graduate training programs and refresher courses to dentists and dental hygienists as well as training for paramedics, using the wealth of experience almost 20 years of the courses, organized by many of the professionals working in the structure.

Implatech Ltd, established in 2007. Implatech's goal is to be a quality service provider in the field of oral surgery and dental implantology by leading the industry with this vision. The aim of Implatech is to create solution-oriented company which can provide all product groups associated with oral surgery and dental implant systems without compromising the high quality and permanence.

Learning is a treasure that follows it's owner everywhere...

Hope to meet you in the program.

Implatech Ltd.

2019 DIGITAL, AESTHETIC & RESTORATIVE DENTISTRY EDUCATIONAL PROGRAM

MASTER COURSE CONDUCTED BY



Guglielmo Marconi University

Istituto Stomatologico Toscano



EDUCATIONAL PROGRAM PROPOSED and ORGANISED by



PARTNERS





UNIVERSITY MASTER DEGREE IN

DIGITAL, AESTHETIC & RESTORATIVE DENTISTRY

SCIENTIFIC COORDINATOR : PROF. LUIGI RUBINO

The importance of an adequate conformation of the oral and perioral district to aesthetic purposes of the face is known since ancient times and is dictated by the balance between teeth, intra and perioral tissues, in the context of the face. The success of dental rehabilitation requires a deep understanding of the factors involved, which go harmoniously custom and assayed each other. Today in the digital age, dentists have new and revolutionary tools, that should make it easier and faster.

The aim of the present Post-Graduate Master Course, consisting of a combination of lectures and training sessions, is to provide the participants with high level education and training in the new exciting interdisciplinary world of DIGITAL, AESTHETICS AND RESTORATIVE DENTISTRY.

A) **All participants will have to buy** : the same computer. The exact model will be recommended by the Institute (minimum qualifications - Intel I7, 8 gb ram , 2gb video). 1 mouse with Scroll wheel

B) **Digital smile digital planning and Real Guide By 3DM software** will be provided by the institute (full license software that expire after 6 months)



Prof. Luigi RUBINO



Guglielmo Marconi University

Guglielmo Marconi University is the first and still only private Italian university that is accredited in the United States! The University was recognized by the Italian Ministry of Education, University and Research in 2004.

Guglielmo Marconi University's active partnerships with local, national and international institutions contribute to a sustainable common aim of placing and advancing students within the workforce. The medical and dental science degree programs are handled by the protocol of EU accreditation with the support of clinical and managing base of institutes.

Marconi's mission is to provide innovative and affordable high-quality degree programs and learning opportunities to both domestic and international students alike, utilizing the latest technologies and responding to student's needs in their pursuit of academic, personal, and professional integrity. When you pursue a degree with Marconi University, not only will you have access to the latest online learning technologies, but to university standard teaching, facilities and support.

GOALS

To offer high quality professional degree programs.

To build up a community and enrich student's lives by promoting educational and professional growth

To encourage student-centered learning at all levels, supported by technological resources and led by qualified faculty and staff

To provide an outstanding educational experience through academic and administrative support services

To promote interdisciplinary research and innovation

To foster collaboration and interaction among other institutions with the same objectives



ACICS Accreditation

On 17 April 2015 Guglielmo Marconi University became the first and only Italian university institutionally accredited in the United States!

The Accrediting Council for Independent Colleges and Schools, a national accrediting agency recognized by the U.S. Department of Education and the Council for Higher Education Accreditation (CHEA), has certified the high quality and excellence of Marconi's academic programs and institutional organization.

This means that GMU Bachelors and Master's will be valid not only in Europe but also in the United States, giving students new and greater career opportunities in a larger number of countries.



Istituto Stomatologico Toscano



Istituto Stomatologico Toscano founded in 1990 by Prof. Ugo Covani, is a non-profit foundation for clinic research and high education in dentistry. It organizes post graduate training programs and refresher courses to dentists and dental hygienists as well as training for paramedics, using the wealth of experience almost 20 years of the courses, organized by many of the professionals working in the structure.

This educational activity is carried out through theoretical courses in classroom and where applicable by practical exercises on simulators, as well as through the programmed frequency and guided clinical activities. The programs involve almost all dental disciplines and with the participation of great, qualified speakers, both Italian and international. The programs address the most interesting topics of modern dentistry: Implantology, Oral Surgery, Periodontics, Orthodontics, Cosmetic Dentistry, Conservative Dentistry, Digital Dentistry, Laser Dentistry, Oral Hygiene, Computer Guided Implantology, Regenerative and Reconstructive Bone Surgery, etc...

The educational activities of the institute take place in part of the university and are accomplished through partnerships and / or agreements with Italian and foreign universities. University programs are carried out in collaboration with the university of PISA - Italy, university of GENOVA – Italy, the university Guglielmo Marconi of ROME - Italy, University of Buffalo – USA, Marconi International – USA. University programs spread from high training courses - lasting a few days advanced courses – generally lasting for more meetings and master programs lasting one academic year.





FACULTY PRINCIPALS

- Ammannato Riccardo
- Amore Roberto
- Antonellini Federica
- Arcidiacono Alessandro
- Bolognesi Letizia
- Bonfiglioli Roberto
- Buda Massimo
- Camurati Andrea
- Canullo Luigi
- Cattoni Francesca
- Cavalli Giovanni
- Cincera Sergio
- Covani Ugo
- Del Corona G.
- Delli Ficarelli GianLuca
- Derchi Giacomo
- Ferraris Federico
- Foce Eduardo
- Frosecchi Massimo
- Gambino Paolo
- Genovesi Annamaria
- Imello Monica
- Ivaldi Luca
- Luigi Canullo
- Marchesi Giulio
- Marchio Vincenzo
- Marco Testori
- Margherita Dubiel
- Marzolo Michele
- Mascetti Tommaso
- Massimiliano Rossi
- Menchini Fabris Giovanni B.
- Miraldi Rino
- Motroni Alessandro
- Nannelli Michele
- Neri Valter
- Nobile Timoteo
- Perasso Roberto
- Piano Sergio
- Pradella Sandro
- Quarta G. M.
- Romano Gabriella
- Rossi Roberto
- Rubino Luigi
- Sammarco Eliseo
- Scaringi Riccardo
- Signorini Luca
- Sisti Angelo
- Storti Paola
- Venezia Piero
- Veneziani Marco
- Vercellotti Tomaso
- Xavier Roriguez
- Xavier Vela



**1st MODULE****February 18th – 22th 2019 / VERSILIA****week by Federico Ferraris & Andrea Camurati****Monday**

- 08.30 *Overview on Esthetics 1*
- 10.30 *Coffee*
- 11.00 *Overview on Esthetics 2*
- 13.00 *Lunch*
- 14.00 *Esthetics Criterias and Rules*
- 15.30 *Coffee*
- 16.00 *Overview on Esthetics 3*
- 18.00 *Close*

Tuesday

- 08.30 *The conservative approach in esthetics*
- 10.30 *Coffee*
- 11.00 *Digital workflow in Restorative Dentistry*
- 13.00 *Lunch*
- 14.00 *Esthetics with multidisciplinary*
- 15.30 *Coffee*
- 16.00 *Esthetics Restorative*
- 18.00 *Close*

Wednesday

- 08.30 *TMJ and Index Techniques 1*
- 10.30 *Coffee*
- 10.30 *TMJ and Index Techniques 2*
- 13.00 *Lunch*
- 14.00 *Medical implications in dentistry*
- 15.30 *Coffee*
- 16.00 *Endodontics focus*
- 17.00 *Dental Microscopy*
- 18.00 *Close*

**Thursday**

- 08.30 *Xrays in dental planning*
- 10.30 *Coffee*
- 11.00 *Clinical implications of adhesive dentistry*
- 12.00 *Indirect Restorative Dentistry*
- 13.00 *Lunch*
- 14.00 *Implants and Bone management*
- 15.30 *Coffee*
- 16.00 *Implants and Bone management*
- 18.00 *Close*

Friday

- 08.30 *Periodontics in esthetics 1*
- 10.30 *Coffee*
- 11.00 *Periodontics in esthetics 2*
- 13.00 *Lunch*
- 14.00 *Prosthodontics and Orthodontics Synergies 1*
- 15.30 *Coffee*
- 16.00 *Prosthodontics and Orthodontics Synergies 2*
- 17.30 *Final session exam*
- 18.00 *Close*

**2nd MODULE****June 10th – 14th 2019 / VERSILIA****Monday**

- 08.30 *Diagnosis and Treatment Planning*
- *Aesthetic parameters and digital smile design*
 - *Facial analysis*
- 10.30 *Coffee*
- *Dentolabial analysis, Medical implications*
- 12.30 *Lunch*
- 13.30 *Dental Photography and Magnification Systems and General and Clinical Documentations*
- 15.30 *Coffee*
- 16.00 *Key analysis for esthetic success: hands-on*
- 18.00 *Close*

Tuesday

- 08.30 *Digital smile digital planning*
- 10.30 *Coffee*
- 11.00 *Digital smile digital planning*
- 12.30 *Lunch*
- 13.30 *Digital smile system – hands-on*
- 15.30 *Coffee*
- 16.00 *Digital smile system – hands-on*
- 18.00 *Close*

Wednesday

- 08.30 *Bleaching*
- 10.30 *Coffee*
- 11.00 *Bleaching Hands-on*
- 12.30 *Lunch*
- 13.30 *Non-Surgical Anti-Aging Face Treatments – Live application*
- 15.30 *Coffee*
- 16.00 *Global bio-restructuring: a new approach for aging face*
- 18.00 *Close*

**Thursday**

- 08.30 *Adhesive cementation: the management of various cements and substrates*
10.30 *Coffee*
11.00 *Adhesive cementation: the management of various cements and substrates*
12.30 *Lunch*
13.30 *Decision process for direct or indirect techniques in posterior restoration*
15.30 *Coffee*
16.00 *Ceramic Laminate Veneers : clinical procedures*
18.00 *Close*

Friday

- 08.30 *Theory of Color and shade selection*
10.30 *Coffee*
11.00 *Dentist communication with the dental laboratory for prosthodontic treatment*
12.30 *Lunch*
13.30 *Esthetic restoration of a severely compromised tooth*
15.30 *Coffee*
16.00 *Multidisciplinary Management of complex cases*
18.00 *Close*


3rd MODULE
September 23rd – 27th 2019 / VERSILIA
Monday
ESTHETIC PERIODONTICS

- 08.30 *Piezo surgery in esthetics*
- 10.30 *Coffee*
- 11.00 *Piezo surgery in esthetics*
- 12.30 *Lunch*
- 13.30 *Hands-on Piezo Surgery in esthetics*
- 15.30 *Coffee*
- 16.00 *Hands-on Piezo Surgery in esthetics*
- 18.00 *Close*

Tuesday

- 08.30 *Immediate Placement, Immediate Loading*
- 10.30 *Coffee*
- 11.00 *Esthetic considerations when placing implants*
- 12.30 *Lunch*
- 13.30 *Implant Positioning When Replacing Esthetic Zone*
- 15.30 *Coffee*
- 16.00 *Arrangement of Peri-implant Connective and bone Tissue Around Implants*
- 18.00 *Close*

Wednesday
ESTHETIC IMPLANTOLOGY

- 08.30 *Management of the aesthetic area facing non-severe bone defects:*
 - a) *use of biomaterials: when and how is it possible to simplify the treatment?*
- Provisionals in the Esthetic Zone*
- 10.30 *Coffee*
- 11.00 *b) use of reduced diameter implants: when and how?*
- 12.30 *Lunch*
- 13.30 *c) emergence profile: an issue to be faced*
- 15.30 *Coffee*
- 16.00 *Is it possible to perform complex rehabilitation entirely with digital procedures?*
- 18.00 *Close*

**Thursday**

- 08.30 *Osseous Resective Surgery*
10.30 *Coffee*
11.00 *Cortical lamina Technique, present and future of 3D bone augmentation*
12.30 *Lunch*
13.30 *The Bioaesthetical Integration in Natural Tooth, Recovery or its Replacement with an Implant Prosthetic System*
15.30 *Coffee*
16.00 *The Bioaesthetical Integration in Natural Tooth, Recovery or its Replacement with an Implant Prosthetic System*
18.00 *Close*

Friday

- 08.30 *Soft tissue management*
10.30 *Coffee*
11.00 *Bone augmentation*
12.30 *Lunch*
13.30 *Esthetic rehabilitation: clinical aspect and choice of materials*
15.30 *Coffee*
16.00 *Recovering from improperly placed and failed implants*
17.30 *Final session exam*
18.00 *Close*


4th MODULE
December 09th – 13th 2019 / ROME
Monday
COMPUTER-ASSISTED 3D DIAGNOSIS IMPLANT-PROSTHETIC PLANNING

- 08.30 The role of digital dentistry in aesthetics rehabilitation, Theory of 3D
 10.30 *Coffee*
 11.00 Image processing basics (points, surfaces, volumes) Computer Aided Design/
 Computer Aided Manufacturing (CAD/CAM)
 12.30 *Lunch*
 13.30 *Real GUIDE by 3DIEMME*
 15.30 *Coffee*
 16.00 *Hands on Real GUIDE by 3DIEMME*
 18.00 *Close*

Tuesday
DIGITAL DENTISTRY

- 08.30 *Aesthetics and 3d manufacturing: Milling machines & 3D printers*
 10.30 *Coffee*
 11.00 *Improving efficiency, Virtual modeling*
 13.00 *Lunch*
 13.30 *Scanners & modelling software Intraoral, Extraoral*
 14.30 *Computer assisted oral surgery*
 15.30 *Coffee*
 16.00 *Scanners & modelling software Intraoral, Extraoral*
 18.00 *Close*

Wednesday DIGITAL FLUX

- 08.30 *Dicom: conversion and matching Luigi Rubino*
 10.30 *Coffee*
 11.00 *Diagnostic process and decision making in 3D planning*
 12.30 *Lunch*
 13.30 *Computer-Assisted 3d Diagnosis Implant-Prosthetic Planning*
 15.30 *Coffee*
 16.00 *Digital work flow with aesthetics zirconia implants.*
 17.30 *Final session exam*
 18.00 *Close*

**Thursday****FINAL THESIS**

08.30 *Thesis discussion*

13.00 *Lunch*

14.00 *Thesis discussion*

18.00 *Close*

Friday**COURSE CONCLUSION**

08.30 *Thesis discussion*

12.30 *Lunch*

13.30 *LECTIO MAGISTRALIS*

14.30 *Coffee*

15.00 *LECTIO MAGISTRALIS*

16.00 *Diploma Ceremony*

19.30 *Graduation Dinner*



2019 DIGITAL, AESTHETIC & RESTORATIVE DENTISTRY EDUCATIONAL PROGRAM

CONDITIONS AND DATES FOR EDUCATIONAL PROGRAM

Language

The courses will be conducted with English as the spoken language.

Number of Participants

Min 20 Students – Max 30 Students

Registration

Deadline: 28th December 2018

The registrations will be directed upon the applications of the participants. When the number of participant reaches 30 seat, the registrations will be closed before the deadline date.

Inscription Documents:

All students needs to present following documents:

- Copy of Degree Diploma
- Copy of the Passport
- ID Photo
- Fee payment document

Entry fee

- 15.000,00 Euro (early registration fee till 12th October 2018)
- 20.000,00 Euro (standard registration fee)

includes:

- University Master Course fee
- Facilities
- Organizational travel information about Italy
- Direct translation service
- Management of foreign title recognition
- Gadgets for the active trainings
- Mentor support for clinics and graduation requirements

2019 DIGITAL, AESTHETIC & RESTORATIVE DENTISTRY EDUCATIONAL PROGRAM

Information

- Secretariaty formazione@istitutostomatologicotoscano.it
- Güldem Koçel guldemkocel@istitutostomatologicotoscano.it
- 0090 555 990 90 06

Location

- Istituto Stomatologico Toscano - Versilia Hospital, Lido di Camaiore; LU, Italy
- Guglielmo Marconi University – Rome; Italy

CME Credits

60 CME credits are accrued during the course and are equivalent to National verifiable hours of continuing education as the highest level of MSc overall EU countries.

DATES FOR IN-CAMPUS ATTENDANCE

- | | |
|---|--|
| 1. <u>MASTER Module</u> February 2019 | <i>Mon 18th to Fri 22nd / VERSILIA</i> |
| 2. <u>MASTER Module</u> June 2019 | <i>Mon 10th to Fri 14th / VERSILIA</i> |
| 3. <u>MASTER Module</u> September 2019 | <i>Mon 23rd to Fri 27th / VERSILIA</i> |
| 4. <u>MASTER Module</u> December 2019 | <i>Mon 16th to Fri 20th / ROME</i> |

*** The on-campus meetings shall be conducted as four individual weeks, each week running from Monday morning (start 08.30) to Friday (18.00)

*** D.A.R.D. program is a very compact and concentrated program with 4 modules. For this reason the absence of the participant will not be accepted unless there will be an official medical or emergency statement.