Prof. Ugo Covani

PERFECTIONING COURSE IN ADVANCED IMPLANTOLOGY

UNIVERSITY OF ROME

February 2/3, 2015
February 27/28, 2015
Belgrade (Serbia)

March 26/27/28, 2015
Istituto Stomatologico Pisa
ABSTRACT
Educational objective and organization of the educational activities.
The aim of the course is to provide the participant with the basic knowledge in the field of oral implantology to enable him to deal with the treatment of implant-prosthetic cases even moderately complex, through a selection of cases with complete knowledge of the problems and, therefore, no anxieties or fears, thanks to a clear rationalization and assimilation of both surgical and prosthetic procedures. Procedures will be illustrated also with the support of training videos and simulators and artificial animals.

PROFILE OF LECTURERS

Prof. Ugo Covani
Full Professor of Odontostomatology and Oral cavity diseases at the University of Pisa, Chairman of Implantology Teaching and Director of Master in Oral Implantology. Director of the Tuscan Stomatological Institute (Ospedale della Versilia). Visiting Professor Dept Oral and Maxillofacial Surgery University of Buffalo. Past-President of the Italian Oral Surgery Society (1994/96) and of the European Board of Oral Surgery (2004/08). Author of more than 200 publications, half of them published on international dental magazines.

Dott. Luigi Canullo
Graduated cum laude in Dentistry and Dental Prosthesis at the University of Rome “La Sapienza” in 1994. PhD at the University of Bonn (Germany). National and international speaker on surgical and prosthetic aspects of implant dentistry. He is author of several articles published on national and international journals on topics related to implantology. Active member of the Italian society for Osseointegration (SIO) and European Academy of Osseointegration (EAO). Visiting Professor at the University of “Sacrado Corazon” in Bauru (Brasile), in 2008, he awarded the price for the best clinical presentation at the European Association for Osseointegration (EAO). His professional office is in Rome, limiting his private practice at surgery and implant supported prosthetic rehabilitation.
Dr. Antonio Barone
Doctor in Dentistry and Dental Implants. Ph.D. in Dental Sciences. Adjunct Professor, Department of Pathology Odontostomatologia, University of Genoa. European Master in Medicine and Oral Surgery. Visiting Assistant Professor Department of Periodontology, State University of New York at Stony Brook, USA. Clinical Assistant Professor Department of Oral and Maxillofacial Surgery, State University of New York at Buffalo, USA. President of the Italian Society of Oral Surgery and Implantology. Vice President of the European Federation Societies of Oral Surgery.

Dr. Annamaria Genovesi
COURSE PROGRAM

ADVANCED COURSE IN ORAL IMPLANTOLOGY

Theoretical and practical course in three meeting for a total of 6 days scheduled at 9-13 and 14-18.
The course includes exercises on simulators and demonstrations on patient.

1st MEETING: The basic acknowledgment

BIOLOGY OF BONE MAXILLARY
• Morphology of the bone
• The process of bone healing
• Abnormalities of bone healing and their prevention
• The concept of osseointegration

SEMEIOTICS PHYSICS AND INSTRUMENTAL PRE-IMPLANT
• Physical Examination
• Studies and researches
• Radiological diagnostic

DESIGN AND PROGRAMMING IMPLANT SOLUTIONS
• The surgical template: actual indications, design and implementation
• The design of the prosthetic of the implant case and the choice of prosthetic components

FIRST SURGICAL STAGE
• Instruments for implant surgery
• Strips of access in implant surgery
• Technique of bone perforation

CHOICE OF FORM AND SIZE OF THE SYSTEM
• Adequacy of the foundations prosthetic
• Bone quality and implant volume
• Number and position of the implant abutments

MANAGEMENT INTRAOPERATIVE COMPLICATIONS

MORPHOLOGY OF SOFT TISSUE PERI-IMPLANT
• Gum; connective; mucosa

IMPLANTS AND MICROBIAL FLORA OF THE ORAL CAVITY
• Scientific evidence and practical considerations
• Mechanisms of bacterial colonization and tissue reactions
AESTHETIC CONSIDERATIONS ON THE SOFT TISSUE
• Outlines of the architecture of the smile
• Soft tissue and emergency profiles
• Cosmetics and biological needs
• Healing guided soft tissue

CREATION OF AN IDEAL MORPHOLOGY OF SOFT TISSUE
Surgical techniques available:
• Indications and contraindications
• Operating time
• Operating arrangements

2nd MEETING: The evolution of the practice implant

THE RECONSTRUCTION OF BONE PRE-IMPLANT
• GUIDED BONE REGENERATION IN IMPLANT DENTISTRY
• Biological principles of regeneration
• Barriers tissue: classification of materials and their use

DESIGN OF EDGES IN BONE SURGERY RECONSTRUCTION
• Vascularity, morphology and sliding flaps

BONE SUBSTITUTES
• Filling materials classification
• Mechanism of action and predictability of healing

BONE GRAFT
• Autologous – Homologous

TECHNIQUES OF EXPANSION
• Expansion of the implant site by the technique called “Summers osteotomes”
• Expansion of the alveolar ridge by the “Split Crest Technique”

THE REDUCTION OF TIMES IN THERAPY IMPLANTOPROSTHETIC
• The immediate post-extraction implants
• The immediate loading of implants
3rd MEETING: The prosthesis on osseointegrated implants

PROSTHETIC COMPONENTS AND SOLUTIONS IMPLANT-PROSTHETIC
• Implant-abutment connection
• Abutment-prosthetic connection
• Analysis by type of components

CLASSIFICATION OF PROSTHETIC IMPLANTS
• Classification of edentulous
• Solutions implant-prosthetic in relation to the type of edentulous

PROSTHETIC PLANNING IN IMPLANTOLOGY
• Wax-up diagnostic
• Occlusal project
• Implementation of the surgical dime

PROCEDURES FOR SURVEY DATA IN AMBULATORY
• General fingerprints
• Individual fingerprints
• Role of a similar case and data transfer in the laboratory

THE CONSTRUCTION OF THE PROSTHETIC ARTIFACT
• The implant prosthetic models
• The prosthetic margins
• Adaptation of the prosthetic components
• Emergency profiles and aesthetics in implant prosthetics

PROSTHETIC CHECKS AT THE DENTAL CHAIR
• Adaptation of mechanical components
• Adaptation of biological components

PROSTHETIC INSTALLATION
• Tightening of the components, cementing, occlusal checks

IMPLANT-PROSTHETIC AESTHETIC
• The role of connective tissue in the morphology and keratinization of the gingiva
• The bilaminar joint of connective tissue
• Implants and interdental papilla
• Chromatic confluence of the peri-implant soft tissue
• The prosthetic conditioning of soft tissue
PERIODIC CHECKS OF THE PROSTHETIC ARTIFACT
PERIMPLANTITIS: THE EMERGING PROBLEM
  • Etiology and pathogenesis
  • Nosological classification
  • Therapeutic strategies
  • Prevention

COMPLICATIONS RELATED TO THE PROSTHETIC STRUCTURE
  • Classification of the complications and their management
GENERAL INFORMATION

REGISTRATION
Opening Call for participation: December 1, 2014
Closing Call for participation: December 26, 2014

FREQUENCY
Attendance at lectures and laboratories is mandatory for at least 70% of the scheduled hours for lessons and exercises; the frequency will be attested by the teachers of the course.

NUMBER OF PEOPLE ALLOWED
Minimum 20, maximum 30.

CONDITIONS FOR THE ADMISSION
The course is intended for Dentists Doctors or surgeons authorized to practice dentistry in their country of origin. The qualification required is the Degree in Dentistry or Medicine and Surgery.

CONTRIBUTION PER PERSON
The registration fee is 3.000 Euros each participant.

FINAL CERTIFICATION
The course includes a final exam, consisting of a series of questions with answers on a quiz prepared by the Board of the Course. The certificate of completion of the course with an indication of academic credits (10 credits) will be awarded to those who pass the final exam and gained the frequency that is required for a number of not less than 70% hours for the class and training activities.

INFORMATION AND ORGANIZATION:
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