University of Genoa
DI.S.C. - Department of Surgical and Diagnostic Sciences
Prof. Stefano Benedicenti
Dean of Endodontic, Restorative and Laser Department

Scientific and Organizing Committee

Stefano Benedicenti, Giovanni Olivi, Ercole Romagnoli, Tosun Tosun, Gianfranco Semez

Fellowship Venue

University of Genoa-DISC (Department of Surgical and Diagnostic Sciences)
Ospedale San Martino padiglione 4 - Largo R. Benzi 10 - Genova

Contacts and Hotel Registration

Rosa D'Eventi
Professional Congress Organizer
Phone +39 010 5954160
Fax +39 010 585022
E-mail: rosadeventi@rosadeventi.com

Registration

Fellowship fee: € 2500.00
Deadline for registration: 10th August

Hotel rates during the course are approximately 100 euro per room per night

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INTERNATIONAL FELLOWSHIP COURSE

in

Laser Dentistry

POSTGRADUATE DIPLOMA

Genoa (Italy)
September, 15th-16th-17th-18th 2014

Course Venue: Ospedale San Martino - Padiglione 4
Largo R. Benzi 10 - 16132 Genova
Tel. 010-3537309 - Fax 010-3537020

www.centrolaser.unige.it
E-mail: benedicenti@unige.it

Fellowship Structure

The course shall comprise of four modules. Subjects to be covered shall be taken from the syllabus in laser use in dentistry, University of Genoa.

Objective

- The Fellowship Diploma of the University of Genoa, Italy shall represent a **four-day course** of study and examination in the use of lasers as an adjunct to clinical dental surgery and medicine.
- Fellowship shall define a level of competence that is consistent with an experienced laser user.
- The course is designed to provide evidence-based core knowledge in laser use in dentistry and to refine practical skills. Emphasis is placed on the integration of this course into the on-going practice of dentistry for each participant and the future benefit of laser use for dental patients.
- The course shall be conducted at University of Genoa venue in Italy. The teaching faculty shall be drawn from members of the Faculty of Medicine, University of Genoa and accredited national and international specialists in laser dentistry.
- Elements of the course shall represent didactic theoretical and applied clinical knowledge of laser use in all aspects of dental surgery and medicine. Additional aspects shall include the practical use of lasers and the compilation of clinical case presentations.
- Successful completion of the course and examination shall be recognised by the presentation of a certificate: "Fellowship in Laser Dentistry".

Notes

- The course shall be limited to a maximum of 25 participants. Payment of course fees shall be payable at the commencement of the course and shall be non-refundable.
- Course participants shall be dental practitioners holding a current licence to practice dentistry, conferred by a recognised National Dental Body.
- The course is designed to provide evidence-based core knowledge in laser use in dentistry and to refine practical skills. Course participants shall have access to (or own and use) at least one dental laser and have (limited) experience of laser use on dental patients.
- Successful completion of the Fellowship Diploma shall confer mediated entry to the Master of Science (MSc) degree in Laser Dentistry, University of Genoa, Italy.

Fellowship Program

Module I.
Monday 15th September 2014

- Laser photonic energy.
- Historical aspects of laser development.
- Relationship of laser emission to "ordinary" light.
- Production of laser photonic energy by solid-state, gas and semi-conductor- based laser machines. Emission modes.
- Laser wavelengths in use in dentistry and an overview of their application. Laser-tissue interaction.
- Laser Safety.
- Low-level laser energy use in dentistry.

Module II.
Tuesday 16th September 2014

- Laser use in oral soft tissue management.
- Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.
- Laser use in the management of non-keratinised or "loose" soft tissue structures – lining mucosa, frenula, ventral tongue.
- Laser use in the management of keratinised or "fixed" soft tissue – gingiva, dorsal tongue.
- Laser use in periodontology – surgical and non-surgical applications.
- Practical sessions in laser use.

Module III.
Wednesday 17th September 2014

- Laser interaction with alveolar bone.
- Laser use in implantology.
- Laser use in Esthetics.
- Laser use in oral hard tissue management.
- Laser interaction with enamel, dentine, cementum, dental caries.
- Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.
- Practical sessions in laser use.

Module IV.
Thurstday 18th September 2014

- Laser use in endodontics.
- Laser use in restorative applications.
- Multiple-choice examination.
- Closing ceremony.