

3G INTERNATIONAL
COURSE

UNIVERSITY OF GENOA
LASER IN ENDODONTICS

GENOA SEPTEMBER, 19TH-20TH - OCTOBER 17TH-18TH 2014



COURSE DIRECTOR
Giovanni Olivi

ORGANIZING COMMITTEE
Giovanni Olivi, Vassilios Kaitsas, Stefano Benedicenti

SCIENTIFIC COMMITTEE
Alberico Benedicenti, Enrico DiVito, Vassilios Kaitsas, Ivo Krejci, Roeland DeMoor



UNIVERSITÀ DEGLI STUDI
DI GENOVA

INTRODUCTION TO THE COURSE

THIS COURSE IS A PART OF AN INTERNATIONAL LASER EDUCATION PROGRAM, THAT INVOLVES THE UNIVERSITIES OF GENOA, GENEVE AND GENT.

UNDER THE UMBRELLA OF UNIVERSITY OF GENOA, THIS LASER IN ENDODONTICS COURSE WILL PRESENT A COMPLETE UP-TO-DATE REVIEW OF THE INTERNATIONAL LITERATURE ON LASER ENDODONTICS WHILE CONNECTING THE RESEARCH WITH CLINICAL EXPERIENCE, WITH THE GOAL TO OFFER A GUIDE FOR DENTISTS THAT ARE LOOKING FOR NEW AND INNOVATIVE TECHNIQUES THAT IMPROVE THE QUALITY OF ROOT CANAL THERAPY.

THIS COURSE WILL OFFER A COMPREHENSIVE LOOK AT ALL CONVENTIONAL AND INNOVATIVE INDICATIONS FOR THE USE OF LASERS IN ENDODONTICS AND INTRODUCE OPERATIVE PROTOCOLS THAT LEAD TO PREDICTABLE OUTCOMES.

THE PRACTICAL PART WILL INCLUDE: ROOT CANAL PREPARATION ON EXTRACTED TOOTH, CONVENTIONAL LASER TECHNIQUE PERFORMED WITH DIODE AND NEODIMIUM YAG LASERS, LASER ACTIVATED IRRIGATION TECHNIQUES PERFORMED WITH ERBIUM CHROMIUM AND ERBIUM YAG LASERS.

ENJOY DELVING INTO THE WONDERFUL WORLD OF LASER DENTISTRY!

COURSE PROGRAM

MODULE I

SEPTEMBER 19TH

09.00-10.30

INTRODUCTION OF LASER WAVELENGTHS IN DENTISTRY

LASER PHOTONIC ENERGY.

RELATIONSHIP OF LASER EMISSION TO "ORDINARY" LIGHT.

PRODUCTION OF LASER PHOTONIC ENERGY BY SOLID-STATE, GAS, SEMI-CONDUCTOR- BASED LASER MACHINES. EMISSION MODES.

10.30-11.00

COFFEE BREAK

11.00-13.00

LASER WAVELENGTHS USED IN DENTISTRY AND AN OVERVIEW OF THEIR APPLICATION IN ENDODONTICS.

LASER-TISSUE INTERACTION.

LASER SAFETY.

13.00-14.00

LUNCH

14.00-15.00

CONVENTIONAL ENDODONTICS: ROOT ANATOMY, IRRIGANTS, ACTIVATED IRRIGATION DEVICES: WHERE THE LIMIT IS?

15.00-18.00

HANDS ON: ACCESS CAVITY OPENING AND ROOT CANAL PREPARATION USING HAND AND ROTARY FILES.

NOTE: BRING WITH YOU TWO ONE-ROOT TEETH AND YOUR LOOPS

SEPTEMBER 20TH

09.00-10.30

NEAR AND MEDIUM INFRARED LASERS IN ENDODONTICS: CONVENTIONAL LASER ENDODONTICS LITERATURE REVIEW AND CLINICAL PROTOCOLS

10.30-11.00

COFFEE BREAK

11.00-13.00

APPLICATIONS OF LASERS IN VITAL PULP THERAPY DENTIN HYPERSENSITIVITY, PULP CAPPING, PULPOTOMY.

13.00-14.00

LUNCH

14.00-17.00

HANDS ON: CONVENTIONAL LASER ENDODONTICS, ROOT CANAL IRRADIATION PROTOCOLS USING DIODE AND ND

MODULE II

OCTOBER 17TH

09.00- 9.30

VISIBLE AND NEAR INFRARED LASERS IN ENDODONTICS: PHOTO ACTIVATED DISINFECTION (PAD)

09.30-10.30

COFFEE BREAK

10.30-11.30

CONVENTIONAL LASER ENDODONTICS: ROOT ANATOMY, IRRIGANTS, ACTIVATED IRRIGATION DEVICES, LASER FIBERS: WHERE THE LIMIT IS?

MEDIUM INFRARED LASERS IN ENDODONTICS: LASER ACTIVATED IRRIGATION (LAI)

11.30-13.00

MEDIUM INFRARED LASERS IN ENDODONTICS: PHOTON INDUCED PHOTOACOUSTIC STREAMING (PIPS)

13.00-14.00

LUNCH

14.00-18.00

HANDS ON: ROOT CANAL IRRADIATION USING LAI AND PIPS

NOTE: BRING WITH YOU ONE FRESHLY EXTRACTED MOLAR, WITH ACCESS CAVITY OPENED AND PREPARED WITH FILE #10 AT THE APEX AND YOUR LOOPS.

OCTOBER 18TH

09.00-10.00

LASER USE IN ENDODONTICS: DISCUSSION

10.30-11.00

COFFEE BREAK

14.00-17.00

HANDS ON: ROOT CANAL OBTURATION

17.00

CLOSING CERIMONY

INFORMATION

SPEAKERS

STEFANO BENEDICENTI, ROELAND DEMOOR, VASSILIOS KAITSAKIS, GIOVANNI OLIVI



LOCATION

University of Genoa – D.I.S.C. - Department of Surgical and Diagnostic Sciences, San Martino Hospital pavilion 4, Largo R. Benzi 10, Genoa, Italy

COST

The cost of the modules (total of 4 days) is 2500€

Registration deadline: July 31 2014

Maximum number of participants: 30 Students

INFORMATION

Rosa D'Eventi s.a.s. di Giulia Chiara Servadei & C.

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APPLICATION FORM PARTICIPATION SHARES INCLUDING VAT

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	Before 31/07/2014	After 31/07/2014
Congress fee	150 €	180 €
Congress fee Students undergraduated	50 €	50 €
Laser Course fee	100 €	120 €
For SIOI member only		
Laser Course fee SIOI member	70 €	70 €

☐ MEMBER SIOI ☐ NOT MEMBER

☐ WORKSHOP 01 ☐ WORKSHOP 02

☐ PRECOURSE "LASER COURSE" ☐ CONGRESS

DOTT. - PROF. - IGIENISTA - STUDENTE

VIACAP

CITTA'PROV.....

TELEFONO

CELLULARE

E-MAIL

PARTITA IVA

C.F.....

Autorizzo l'uso dei miei dati per le spedizioni di pubblicazioni tecniche e l'invio di mailing ai sensi della legge n° 196/03 sul trattamento dei dati.

DATA FIRMA