



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

Scientific and Organizing Committee

Stefano Benedicenti, Steven Parker, Mark Cronshaw,
 Wayne Selting

Fellowship Venue

THE TWELVE APOSTLES HOTEL AND SPA,
 Victoria Road, Camps Bay, Cape Town
 South Africa

Contacts

SciVision Medical
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Registration

Please note: only 40 Delegates

Fellowship fee:

SciVision Existing Biolase Users - VIP Pricing:
 If paid by: 15 Sept 2014 - R23 500.00
 15 Nov 2014 - R27 500.00
 After 15 Nov 2014 - R31 000.00

Other Laser Users Pricing:
 If paid by: 15 Sept 2014 - R27 500.00
 15 Nov 2014 - R31 000.00
 After 15 Nov 2014 - R35 000.00

Fellowship fee International: € 2400.00

Payable to SciVision (see attached Registration Form)

- The Fellowship Diploma of the University of Genoa, Italy shall represent a course of didactic education, practical clinical simulation and examination in the use of lasers as an adjunct to clinical dental surgery and medicine. The course shall be conducted during a four-day meeting.
- 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 teaching faculty shall be drawn from members of the Faculty of Medicine, University of Genoa and accredited National specialists in laser dentistry.
- Each course attendee shall be required to sit a multiple-choice examination, comprising 75 questions. The pass mark shall be 70%.
- Successful completion of the course and examination shall be recognised by the presentation of a certificate: "Fellowship in Laser Dentistry". This shall define a level of competence that is consistent with an experienced laser user.

Notes

- Each course shall be limited to a maximum of **40 participants**.
- 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.



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FELLOWSHIP

in

Laser Dentistry

POSTGRADUATE DIPLOMA COURSE,
 underwritten by the University of Genoa

Cape Town (South Africa)
 January, 23rd-26th 2015

Fellowship Venue:

THE TWELVE APOSTLES HOTEL AND SPA,
 Victoria Road, Camps Bay, Cape Town
 South Africa

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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.

Fellowship Program

Module I. - Friday January 23rd 2015

- **08.30-10.30 Speakers (#2)**
08.30-09.15 DR. STEVEN PARKER: *Laser photonic energy. Historical aspects of laser development. Relationship of laser radiation to "ordinary" light.*
09.15-10.30 DR. STEVEN PARKER: *Laser wavelengths in use in dentistry and an overview of their application. Laser-tissue interaction.*
- **10.30-11.00 Coffee break**
- **11.00-12.30 Speakers (#1)**
11.00-12.30 DR. WAYNE SELTING: *Production of laser photonic energy by solid-state, gas and semi-conductor-based laser machines. Emission modes.*
- **12.30-14.00 Lunch break**
- **14.00-15.00 Speakers (#1)**
14.00-15.00 DR. STEVEN PARKER: *Laser Safety.*
- **15.00-15.30 Coffee break**
- **15.30-17.30 Speakers (#1)**
15.30-17.30 *Practical Session to cover aspects of laser safety and operating techniques. Overview provided of laser machine operating parameters.*

Module II. - Saturday January 24th 2015

- **08.30-10.45 Speakers (#2)**
08.30-09.45 DR. WAYNE SELTING: *Laser use in oral hard tissue management. Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.*

09.45-10.45 DR. MARK CRONSHAW: *Laser interaction with enamel, dentine, cementum, dental caries.*

- **10.45-11.15 Coffee break**
- **11.15-12.30 Speakers (#1)**
11.15-12.30 DR. STEVEN PARKER: *Laser interaction with alveolar bone. Laser use in implantology.*
- **12.30-14.00 Lunch break**
- **14.00-15.00 Speakers (#1)**
14.00-15.00 PROF. STEFANO BENEDECENTI: *Laser use in endodontics-orthograde and retrograde applications.*
- **15.00-15.30 Coffee break**
- **15.30-17.30 Speakers (#1)**
15.30-17.30 *Practical Session to demonstrate laser-tissue interaction with target oral hard tissue. Cavity preparation techniques. Alveolar surgery osseous tissue management-surgical extraction, apicoectomy.*

Module III. - Sunday January 25th 2015

- **08.30-10.30 Speakers (#1)**
08.30-09.45 DR. STEVEN PARKER: *Low-level laser energy use in dentistry.*
09.45-10.30 DR. WAYNE SELTING: *Laser use in oral soft tissue management. Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.*
- **10.30-11.00 Coffee break**
- **11.00-12.30 Speakers (#2)**
11.00-11.45 DR. MARK CRONSHAW: *Laser use in the management of non-keratinised or "loose" soft tissue structures-lining mucosa, frenula, ventral tongue.*
11.45-12.30 DR. STEVEN PARKER: *Laser use in the management of keratinised or "fixed" soft tissue-gingival surgery adjunctive to restorative procedures.*
- **12.30-14.00 Lunch break**

- **14.00-15.00 Speakers (#1)**
14.00-15.00 DR. STEVEN PARKER: *Laser use in periodontology.*
- **15.00-15.30 Coffee break**
- **15.30-17.30 Speakers (#1)**
15.30-17.30 *Practical Session to explore the use of laser photonic energy in simulated oral soft tissue surgical management procedures.*

Module IV. - Monday January 26th 2015

- **08.30-10.00 Speakers (#1)**
08.30-10.00 DR. MARK CRONSHAW: *Presentation of clinical cases. Laser Bleaching. Lasers in orthodontics.*
- **10.00-11.00 Coffee break**
- **11.00-12.00 Speakers (#1)**
11.00-12.00 DR. STEVEN PARKER: *Integration of lasers into dental practice-clinical, further educational and marketing aspects.*
- **12.00-13.30 Lunch break**
- **13.30-15.00 Speakers (#1)**
13.30-15.00 *Multiple-choice examination.*
- **15.00-15.30 Coffee break**
- **15.30-17.00 Speakers (#3)**
15.30-16.00 *MCQ marking.*
16.00-17.00 *Open forum.*
17.00 *Certification. Closing ceremony.*

