

A TWO-DAYS COURSE INCLUDING LSO CERTIFICATION



HELLENIC SOCIETY FOR ORAL LASER APPLICATIONS

Laser Safety Officer

ATHENS • 14-15 MARCH 2020
Electra Metropolis Hotel (15, Mitropoleos Str., 105 57)

RE THINK ABOUT LASERS

Speakers:
Prof. Steven Parker
Prof. Riccardo Poli
Prof. Mark Cronshaw



In co-operation with the University of Genova



Laser Safety Officer Course- Certification

Γλώσσα διεξαγωγής του σεμιναρίου είναι η Αγγλική

Saturday 14th March 2020

08.30	Registration	
08.45	Welcome and Introduction	Hesola
09.00 - 10.30	Lasers, production, emission modes etc	Dr Steven Parker
10.30 - 11.00	<i>Coffee</i>	
11.00 - 13.00	Laser Safety – Regulations	Dr Steven Parker
13.00 - 14.00	Lunch	
14.00 – 15.30	Laser interaction with dental and oral hard tissue	Dr Riccardo Poli
15.30 – 15.45	<i>Coffee</i>	
15.45 – 17.30	Photobiomodulation – the basics	Dr Mark Cronshaw
17.30	Close	

Sunday 15th March 2020

09.00 – 11.00	Laser Safety - Practical considerations LSO	Dr Steven Parker
11.00 – 11.15	<i>Coffee</i>	
11.15 – 12.00	Laser-tissue mishaps – when it goes wrong!	Dr Riccardo Poli
12.00 – 12.45	Get the dose right	Dr Mark Cronshaw
12.45 - 14.00	Lunch - General Assembly for HELSOLA members	
14.00 – 15.15	Practical clinical PBM delivery	Dr Mark Cronshaw
15.15 – 15.30	<i>Coffee</i>	
15.30– 16.45	MCQ exam in laser safety (75 questions, Pass mark 60%)	
16.45 – 17.30	MCQ answers	
17.30	Certification / Close	



Μόρια Επαγγελματικής Επιμόρφωσης Οδοντιάτρων(Μ.Ε.Ε.Ο.) για συμμετοχή στο διήμερο σεμινάριο Σύνολο: 12

Τιμή Συμμετοχής

- Μη μέλη: 300€
- Μέλη HELSOLA: 250€
- Φοιτητές & Μεταπτυχιακοί:150€
- Για ανανέωση της πιστοποίησης:150€

(Η πιστοποίηση χρειάζεται ανανέωση με εξετάσεις κάθε 2 χρόνια)

Πιστοποιητικό του Τεχνικού Ασφαλείας Laser (LSO)

Το πιστοποιητικό του Τεχνικού Ασφαλείας του σεμιναρίου καλύπτει τις απαιτήσεις του ισχύοντος νομικού πλαισίου (ΕΕ οδηγία EN / IEC 60825-1 και ANSI Z136.3, στην Ελλάδα ΠΔ 82 που δημοσιεύθηκε στο ΦΕΚ 145/1,9,2010), για την ασφαλή χρήση των συσκευών Laser στο ιατρείο. Χορηγείται μετά από εξετάσεις με ερωτήσεις πολλαπλής επιλογής που διεξάγονται στη λήξη του θεωρητικού μέρους του σεμιναρίου.

Δηλώσεις συμμετοχής - Πληροφορίες

www.helsola.gr , <http://www.helsola.gr/laser-safety-officer-certification-course-2020/>

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Διοργάνωση Ελληνική Εταιρεία Στοματικών Εφαρμογών Laser - HELSOLA

Διοικητικό Συμβούλιο

Πρόεδρος : Ευγενία Αναγνωστάκη

Αντιπρόεδρος: Φώτης Τζέρμπος

Γεν. Γραμματέας: Ιωάννα Καμμά

Ταμίας: Μαριάννα Χαλά

Μέλη: Ντίνος Μανταλενάκης, Βαλίνα Μυλωνά, Θεοδώρα Φιλιππούλου

Αναπληρωματικά Μέλη: Κων/νος Βαλαμβάνος, Κλεοπάτρα Νακοπούλου

Θέματα που θα αναπτυχθούν στο LSO - Syllabus

- Basic principles of laser generation and review of laser technology
- Emission characteristics of different types of equipment
- Laser-tissue interaction mechanisms
- Laser hazard classification
- Meaning of associated warning
- Penetration of light of different wavelengths through skin and eye
- The concept of Maximum Permissible Exposure and Nominal Ocular Hazard Distance
- Personal protection measures including eye protection
- Hazards to eye and skin from accidental exposure
- Hazards to the patient, e.g. endotracheal tube ignition
- Incidental hazards, including electrical, fire explosion and plume emission
- How to deal with an adverse event or accidental exposure
- Laser safety management including Laser Protection Adviser, Laser Protection Supervisor (LSO), Local Rules and Controlled Area
- Relevant legislation, standards and guidelines

Delegates will receive lecture pdf's / Bibliography articles / DeLTA course manual to cover laser safety and PBM template

Speakers' CV

Mark Cronshaw



Doctoral candidate at University of Birmingham

Dental surgeon with 36 years' experience. One of the UK's principal oral laser educators and an International laser trainer/educator. Within the past 36 months I have taught in Barcelona, Norway, South Africa, Russia (Moscow), Bulgaria, California, Mumbai, Seoul as well as extensively throughout the UK. My postgraduate studies have been gained principally in the USA particularly under the guidance of Dr John Kois. I was appointed to the professorial faculty of the prestigious University of Genoa in 2004 as a professorial faculty member. My goal is to further the development of a firm evidence base for oral laser applications and to promote the safe and effective use of lasers for oral applications by the International dental community. I am engaged in active research and I wish to see every dentist and surgeon Worldwide discover the massive benefits of laser and phototherapy. Within the past 18 months I have presented at the WALT meeting at Nice on orthodontic aspects of PBM. I have published six evidence based papers and am actively engaged in current research into aspects of PBM dose and delivery. Most recently I have been accepted as a postgraduate student at DeMontfort University Leicester under the guidance of Prof Martin Grootveld. In addition, my research at Birmingham University is current and progressing to plan with a number of further research papers in preparation. I am a co-director of my own training company Dental Laser Training Academy Ltd with Prof Steven Parker

Specialties: Laser dentistry; occlusion/TMD; CAD-CAM (cerec); holistic and minimally invasive dentistry.

Steven Parker



Associate Editor at Springer Nature, Darley, North Yorkshire, United Kingdom

Dr. Steven Parker studied dentistry at University College Hospital Medical School, University of London, UK and graduated in 1974. He maintains a Private Practice in Harrogate, UK and is Contract Professor in laser dentistry at the University of Genoa, Italy.

Dr. Parker has been involved in the use of lasers in clinical dentistry since 1990. He is closely involved in the provision of education in laser use in dentistry. He served as President of the Academy of Laser Dentistry in 2005-6. In addition, Dr. Parker holds Advanced Proficiency status in multiple laser wavelengths and completed the Academy Educator Course at the University of California, San Francisco in 2000. He was awarded Mastership of the Academy of Laser Dentistry in 2008.

Awards gained with the Academy of Laser Dentistry have been the Leon Goldman award for excellence in clinical laser dentistry (1998) and the Distinguished Service Award (2010).

In 2010, he was appointed Professore a contratto and International Coordinator of the Master of Science degree programme in laser dentistry at the Università degli Studi di Genova, Italia.

Dr Parker has contributed chapters on aspects of laser use in dentistry in several text books and multi-media platforms. Additionally, he has received publication of many peer-reviewed papers on the use of lasers in dentistry, including a series "The Use of Lasers in Dentistry" published in the British Dental Journal in 2007 and later as a textbook.

He was the dental consultant to the UK Medical Health Regulatory Agency (Dept. of Health) in the 2008 publication "Guidance on the safe use of lasers, intense light source systems and LEDs in medical surgical dental and aesthetic practices".

He serves as associate-editor of the Journal of Lasers in Medical Science. In addition, he serves as referee for many peer-reviewed dental journals worldwide.

Riccardo Poli



Dr. Riccardo Poli studied dentistry (DDS) at the Faculty of Medicine and Surgery of University of Turin, Italy, and graduated in 1993.

Since 1995 he maintains a Private Practice in Turin, Italy. His main work regards therapies of Endodontics, Prosthetic Dentistry, Oral Surgery and Laser Dentistry.

From 1990 Dr. Poli attended many post University Courses (Endodontics, Periodontology, Medical Hypnosis, Conscious Sedation, Dental Management, Implantology, Prosthetic Dentistry, BLS, BLSD, PBLSD, ALS, LASER Dentistry...).

2006 MASTER in NLP. 2013-2014 MSc in LASER Dentistry (University of Genoa, Italy).

2016 Master in Legal and Forensic Dentistry (University G. Marconi, Rome Italy) Speaker for University of Turin.

From 2015 Member of Faculty of Medicine of Genoa, Italy (Department of Surgical Sciences and Integrated Diagnostics).

He is Professor a. c. in Laser Dentistry (International Master in Laser Dentistry) at the University of Genoa, Italy. He published on several Italian and International scientific journals. In 2017 he was author of the chapter "Laser Assisted Restorative Dentistry - Hard Tissue: Carious Lesion Removal and Tooth Preparation" in the textbook "Lasers in Dentistry – Current Concepts" by Coluzzi D and Parker S. (Pub. Springer). Speaker in National and International Courses.

He serves as referee in peer-reviewed Journal of Lasers in Medical Science - LIMS.