

A COURSE FOR DOCTORS

DIODE LASER – AN ESSENTIAL TOOL FOR EACH DENTAL PRACTICE

Date: 16-17 March 2017

Location: Golden Floor

Aleje Jerozolimskie 123A, Warsaw



COURSE DESCRIPTION

This two-day course contains both scientific lectures and hands-on learning opportunities. On the first day, there will be discussed the following issues: overall laser knowledge, the nature and production of laser light, laser physics, tissue interaction, clinical applications and safety. During the lecture on the second day, there will be reviewed capabilities of modern diode lasers and will be showed the benefits of introducing photothermal and photobiological treatments in daily dental practice. There will be discussed common treatments, as well as those performed less frequently and those which are very difficult without the laser. The second day workshop will give each participant hands-on experience, performing surgical procedures on in-vitro models (lamb mandibles).

FIRST DAY – LECTURE, PRESENTER: MARGIN POKORA, CEO, LASOTRONIX

- 10:00-11:30 Introduction
 - Fundamentals of Laser/Essential Therapeutic Parameters
 - Laser - Tissue Interaction/Optical Beam Propagation
- 11:30-12:00 Coffee break and refreshment
- 12:00-13:30 Spot Size/Temporal Emission Modes
 - SMART^{OM} Diode Laser – Important Aspects of its Usage
- 13:30-14:00 Coffee break and refreshment
- 14:00-16:00 Laser Safety. Regulatory Issues

SECOND DAY – LECTURE AND HANDS-ON TRAINING, PRESENTER: DARIUSZ PALIGA, DENTIST

- 09:00-10:30 Diode Laser: Restorative Dentistry and Prosthetics
 - Surgery and Low Level Laser Therapy – Perfect Combination
- 10:30-11:00 Coffee break and refreshment
- 11:00-12:30 Periodontology and Endodontics – Photothermal and Photochemical Disinfection
 - Laser Whitening
- 12:30-13:00 Coffee break and refreshment
- 13:00-15:00 Hands-on Training
- 15:00-15:30 Summary/Delivery of Certificates of Attendance

ABOUT THE PRESENTER: DARIUSZ PALIGA



Dariusz Paliga graduated from the Medical University of Lublin, Faculty of Medicine with Dentistry Division in 1997. Since 1999 he has managed his own private dental practice. He has an extensive experience in Aesthetic Dentistry, Endodontics and Prosthetics. He conducted several dozens of lectures and hands-on training on Laser Dentistry, Prosthetics and Laser Therapy. He is the author of many publications on Laser Dentistry, Prosthetics and Adhesive Dentistry. He is willing to share his knowledge with everyone interested in Laser Dentistry. In 2016 he became one of experts of Polish Laser Academy (www.akademialaserowa.pl). He's a huge fan of new technologies in the dental office. Besides dental lasers, he's also interested in the computer science with a special focus on computerization of dental clinics.



ABOUT THE PRESENTER: MARGIN POKORA



Marcin Pokora graduated from the University of Warsaw with the Master's degree in Experimental Physics. In 1991 he commenced to work in R&D department in Centre of Laser Technology - a leading manufacturer of lasers and laser systems in Poland and Europe. Finally he became Vice President of company responsible for International Business Development. In 2005 he founded his own company, LASOTRONIX, which specialized in the design and manufacture of high-tech laser devices for the use in medical and dental sectors. Cutting-edge technology is the trademark of all LASOTRONIX products whose main developer is Marcin Pokora.

He has the invaluable technical knowledge and experience which he's eager to share during many courses, international fairs and conferences devoted to laser technology and applications of lasers in dentistry and medicine. Mr. Pokora is the author or the co-author of many publications including the newest book „Lasers in dentistry”.