AALZ Greece successfully established

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_Laser assisted dentistry is already a reality for dentists worldwide. The possibilities for successful treatments using a laser as stand alone or supplementary to conventional techniques equipment are increased. Simultaneously the dentists realize that apart from a modern tool for every day practice, laser is a technology that involves a biophysical background and scientific knowledge that is not provided by the standard academic studies in dentistry.

AALZ has been since 1991 the leader in this field. In cooperation with the Clinic for Conservative Dentistry, Periodontology and Preventive Dentistry at the University of Excellence RWTH Aachen, the Aachen Dental Laser (AALZ) has created the first dental laser education institute in Germany. Known for its research in laser-assisted dentistry, it cooperates nationally and internationally with major research facilities. Recognized from dentists globally for its education system AALZ had already been the obvious choice for the Greek dentist who wants to keep up with future-oriented dental surgery.

AALZ Greece was founded in Greece for that reason and the Greek dental community welcomed it highly. The local scientific co-Workers of AALZ in charge are Dr Antonis Kallis MSc and Dr Dimitris Strakas MSc. The training courses that are offered by AALZ Greece are:

_Laser Safety Officer Course

One-day course with official certification as a Laser Safety Officer (LSO). The innovative treatment methods of laser therapy include risks for both practitioners and their teams as well as for patients if fundamental technical, biological and physical information about the application and laser safety measures are not or insufficiently known. Dentists will be prepared for safely using lasers by giving them an in-depth understanding of laser physics and laser-tissue interaction. After completing succesfully the examination they will receive the "Laser Safety Officer" certificate. Our laser safety courses meet the requirements of the trade associations for obtaining expertise as a Laser Safety Of-





ficer. They are officially recognized according to the guidelines of BGV B2 (orientated to EN 60825-1 and ANSI Z136.1) and State Radiation Protection Office.

_ "Introduction to Laser Dentistry" Course

Over the course of three hours, we inform you neutrally and objectively about how the various laser systems work and are applied. Using practical demonstrations, we show the effect that different laser systems have on various types of tissue. A therapeutic overview of the individual wavelengths aims to help participants to decide on the appropriate system for their treatment emphasis.

_Workshops on specific wavelengths

Dentists gain in an one-day clinical workshop on a specific wavelength an official certificate from the RWTH Aachen University Hospital. Lasers function with diverse wavelengths that have distinctive effects on tissue. Depending on the tissue to be treated, there are specific types of lasers for optimal use in the diverse fields of application. Each wavelength-specific workshop gives you scientific-based knowledge on possible treatments using the appropriate laser:
Solid-state lasers: Nd:YAG, Er:YAG, Er,Cr:YSGG
Gas laser: CO_2
Diode lasers: 655 nm, 810 nm, 940 nm, 980 nm

_Mastership Course „Lasers in Dentistry"

"One-year clinical specialization course for selected wavelengths"—This offer is geared towards dentists who would like to specialize in certain wavelengths. In this one-year certification course participants are taught to fundamental physical and technical knowledge and how to recognize primary, secondary, and tertiary indications on ten attendance days split into modules. After successful completion of the course, participants acquire a certificate from RWTH Aachen University, identifying them as a "Lasers in Dentistry" specialist. On January 30, 2010, the first LSO Course took place in Athens. The first ten participants from all over Greece had a long but fruitful day of laser safety lectures and of course the normal anxiety of the written exam at the end of the day. After successfully completing the multiple choice test the participants received their Laser Safety Officer certificates from RWTH Aachen University.

On June 18, the second LSO Course, organized by AALZ Greece took place in Loutraki, Athens, with 13 participants. In the venue facilities of a five-star Hotel, the participants received the fundamental knowledge on laser physics and laser safety in order to successfully answer the test on the end of the day.

_Upcoming Events and Courses

AALZ Greece has already planned the following activities:
_Exhibitor on the Panhellenic Congress in Athens 22–24 October 2010
_Laser Safety Officer Course—15 November 2010
_One-year Mastership Course. Module 1 starting date —15,16 November 2010
_Workshop on diode lasers—January 2011

AALZ Greece is a pioneer in laser education in Greece. It is another corner of the world in which AALZ provides recognized and accredited training and helps you meet your goal of becoming a laser specialist. _

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