

## RWTH AACHEN UNIVERSITY

The RWTH Aachen University, comprising over 260 institutes, is one of the leading science and research organizations in Europe. The university's practical approach to education and research is reflected by the large number of cooperations it has with industry. RWTH Aachen University tops both national and international rankings and, therefore, it is no surprise that one in five board members of German corporations is from RWTH Aachen.

## RWTH INTERNATIONAL ACADEMY

As the official executive education academy of RWTH Aachen University, the RWTH International Academy is backed by the diverse knowledge of the various institutes and research organizations of the university. Through this close cooperation, practical executive education programmes are professionally conceived, organized and offered to industry and professionals.



## AALZ - AACHEN DENTAL LASER CENTER

Since its foundation in 1991, the AALZ has been the leading worldwide institute in dental laser education. Known for its research in laser-assisted dentistry, it cooperates nationally and internationally with major research facilities. We offer you recognized and accredited training and help you to meet your goal of becoming a laser specialist.



Aachen Dental Laser Center

### AALZ GmbH

Pauwelsstrasse 17 · 52074 Aachen · Germany

Phone +49 (0) 2 41 - 47 57 13 10 · Fax +49 (0) 2 41 - 47 57 13 29

[www.aalz.de](http://www.aalz.de) · [info@aalz.de](mailto:info@aalz.de)

# Laser Therapy in Dentistry Mastership Status



Aachen Dental Laser Center



*Mastership Status Laser Therapy in Dentistry*



Mastership Status  
Laser Therapy in Dentistry

The programme is aimed at legally certified dentists who wish to specialise in laser treatment.

Through innovative therapy approaches and the development of new practical fields in laser dentistry you will reach higher customer satisfaction and competitive differentiation to the usual market, and furthermore you will create new business potential in your practice

- Use of different laser systems from leading manufacturers, covering all wave-lengths, in skill training and practical sessions. Practical instruction on laser handling and their subsequent practical use.
- Live operations on patients or via direct monitor transfer.
- Provision of all necessary organic materials and laser-suitable safety goggles for independent practice with lasers.
- Carefully documented working materials serve as a sound reference for everyday practice.
- Distribution of specialist literature allows immersion in the subject and supplements your personal technical library.
- Training to become a certified Laser Safety Officer is part of the course.
- Convenient learning environment in our own state-of-the-art seminar rooms.
- An internet based e-learning environment supports the participants for the home study



Mastership Status Laser Therapy in Dentistry



Mastership Status Laser Therapy in Dentistry

- Module I:**
- Laser Safety (Laser Safety Officer Certification)
  - Laser Construction and Handling

- Module II:**
- Theoretical background, clinical indications, skill training and demo treatments
  - Responsible usage of Diode-Lasers and understanding of biophysical backgrounds (Absorption and Transmission in special tissues)
  - Accurate application of all relevant clinical indications of Diode Lasers
  - Photo-Dynamic Therapy

- Module III:**
- Theoretical background, clinical indications, skill training and demo treatments
  - Treatment protocols of different indications
  - Responsible usage of Erbium-Lasers and understanding of biophysical backgrounds (Absorption and Transmission in special tissues)

- Module IV:**
- Written and oral exam
  - Presentation of five clinical cases

<b>Module I</b>  Laser Safety (LSO) Laser Construction  2 Days	<b>Module II</b>  Diode-Lasers Photo-Dynamic Therapy  4 Days
<b>Module III</b>  Er:YAG-Lasers Er,Cr:YSGG-Lasers  4 Days	<b>Module IV</b>  Written Exam, Presentation of clinical cases  2 Days