Master of Science in Lasers in Dentistry

Professional education programme

_Patients are increasingly seeking alternative therapies, expecting their dentist to be well informed and to provide information regarding more gentle treatments. Through the use of laser technology, dentists can meet these expectations and provide patients with added benefits compared to more traditional methods.

The master programme, MSc in Lasers in Dentistry, has been developed in order to enable dentists to specialize in the full range of dental laser therapies. Building upon a first higher education degree in dentistry, this two-year modular master's course enables practicing dentists to specialize in dental laser applications by providing both theoretical and practical training.

Approximately 150 dentists, from all over the world, have successfully graduated from our MSc programme and, together with graduates from our mastership and fellowship courses, we are pleased to have a globally active alumni network.





_Course objectives

The course balances the teaching of the medical aspects with extensive practical skill training on the dental application of laser systems. The close interdisciplinary cooperation between dentistry and physics is of significant importance in this field. In addition to teaching the latest research results, proactive problem solving to improve dental laser therapies is addressed.

After extending participants' basic knowledge in this subject area, the study goals focus on the transfer of specialist knowledge that is at the forefront of laser dentistry. Treatment methods, the planning and preparation of treatments, the systematic organisation of scientific and clinical findings, as well as independent, responsible conduct, are of central importance.

_What to expect

During the course you can expect the following:
- Use of different laser systems from leading manufacturers, covering all available wavelengths, during skill training sessions and practical exercises
- Live operations on patients or via direct monitor broadcasting
- Provision of all necessary organic materials and safety glasses for individual practice with lasers

SAVE THE DATE

NOVEMBER 15–16, 2013// BERLIN, GERMANY//MARITIM HOTEL

LASER START UP 2013

dgl. Deutsche Gesellschaft für laser Zahnheilkunde e.V.

22nd ANNUAL CONGRESS OF THE DGL e.V.

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❑ LASER START UP 2013 ❑ 22nd ANNUAL CONGRESS OF THE DGL e.V

November 15–16, 2013, Berlin, Germany

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Call for papers

DGL | German Society for Laser Dentistry
22nd International Annual Congress

15 - 16 November 2013 in Berlin, Germany

Titel _____

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Author(s) _____

Institute(s) _____

Adress _____

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Abstract

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Session:
(1) Scientific Session
(2) Case Presentation

Presentation:
(1) Lecture
(2) Poster Presentation
(3) Video Presentation

Abstract:
Please arrange the text in the order of:

- Purpose: Give a brief overview of the topic and in this context state the main objective of the study.
- Material and Methods: Describe the basic design, subjects and scientific methods.
- Results: Give main results of the study including confidence intervals and exact level of statistical significance, whenever appropriate.
- Conclusion: State only those conclusions supported by the data obtained and whenever appropriate, the direct clinical application of the findings (avoid speculations)

Authors:
The name of the person presenting the paper should be marked by an asterisk
Please include a copy on CD!

Presentation:
Only via computer/beamer

Adress:
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– Meticulously compiled course documentation and additional specialist literature which serve as a future work of reference
– Encouragement to participate actively in international scientific congresses and to publish in scientific journals
– Independent access to a modern e-learning environment, supported by scientific staff.

This master programme is aimed at dental practitioners who want to train as specialists in laser dentistry and who wish to qualify with a highly recognised degree, while continuing with their career.

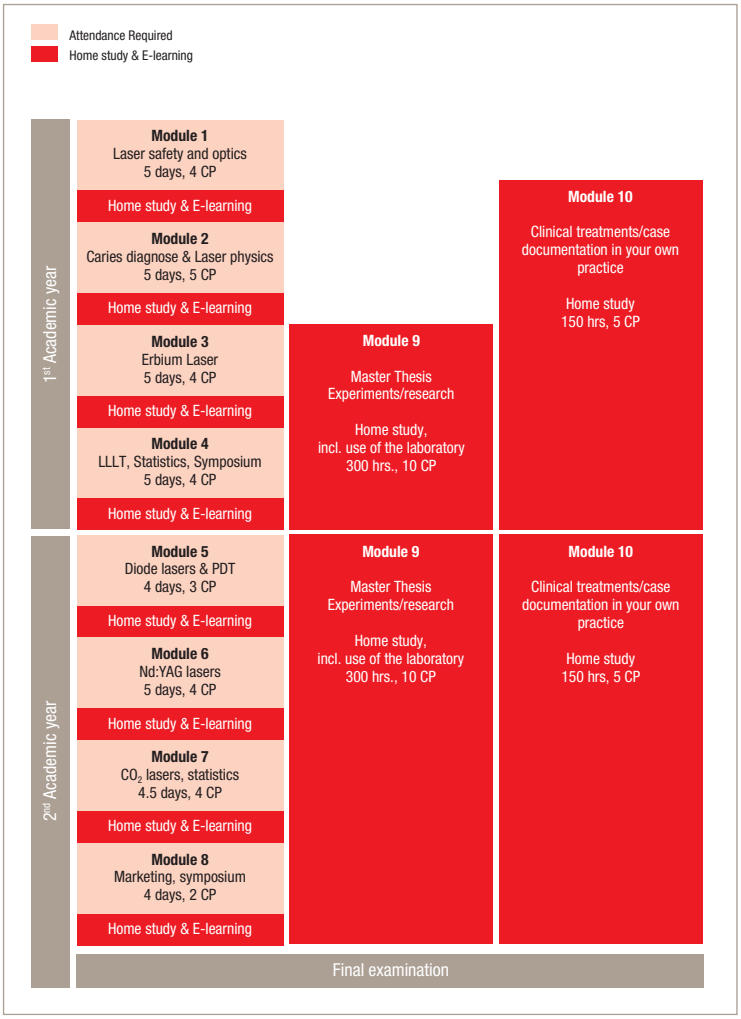
Participants must be approbated dentists with a minimum of two years of experience in a clinic or dental practice. Candidates who are not native speakers of English must provide appropriate proof of language qualification.

This career-accompanying course requires dentists to attend ten modules (38 days) over two years. These attendance modules are supplemented by e-learning enabling contact with the lecturers throughout the duration of the course. This mix of learning methods allows dental practitioners to balance their studies with their professional commitments.

Graduates are awarded the academic title "Master of Science" and, as such, are recognized as specialists in the field of laser therapy in dentistry. The awarding body is the RWTH Aachen University. Successful participants receive a total of 60 credit points in accordance with the European Credit Transfer and Accumulation System (ECTS). Graduates receive master diplomas in English and in German. An EU-recognised diploma supplement is also provided.

For each module that is successfully completed training points for the German Federal Dental Association (Bundeszahnärztekammer) are awarded. A total of 466 training points are awarded during the two year programme. Furthermore, on completion of the appropriate training module, participants receive Laser Safety Officer (LSO) certification.

The MSc in Lasers in Dentistry has been accredited by the accreditation agency, ASIIN e.V. It is the first of its kind in Germany and the first worldwide accredited master programme in the field of laser dentistry. It is recognized in the EU, all countries of the Washington Accord and the Bologna-Reform as a national and internationally valid academic degree. Lectures as well as skill training sessions are held in the modern facilities of the Aachen Dental Laser Center and the University Hospital Aachen. Course participants have access to scientific staff of world-class experts in their specialised fields. The course attracts dentists from across the globe and participants are encouraged to network with their fellow students during numerous social events, additional networking opportunities at international scientific conferences and through the alumni network, WALED._



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