

Gebrüder Martin GmbH & Co. KG  
 8<sup>th</sup> Advanced Training Course –  
 Expert Meeting on Laser Application  
 in Thoracic Surgery  
 Christine Emele  
 KLS Martin Platz 1  
 78532 Tuttlingen/Germany

**Date and Time:****Thursday, December 11<sup>th</sup>, 2014**

Registration / enrolment: 8:30 a.m.  
 Bus transfer to  
 Universitätsklinikum Freiburg: 8:45 a.m.  
 Training course: 9:00 a.m. to 5:00 p.m.

**Friday, December 12<sup>th</sup>, 2014**

Training course: 7:45 a.m. to 1:00 p.m.

**Locations****Thursday, December 11<sup>th</sup>, 2014**

Department of Thoracic Surgery  
 Klinik für Thoraxchirurgie  
 Universitätsklinikum Freiburg  
 Hugstetterstr. 5  
 79106 Freiburg/Germany

During the course, you can be  
 reached under:  
 Phone: +49 (0) 761 270 24570

**Friday, December 12<sup>th</sup>, 2014**

IRCAD  
 1, place de l'Hôpital  
 Hôpitaux Universitaires  
 67091 Strasbourg/France

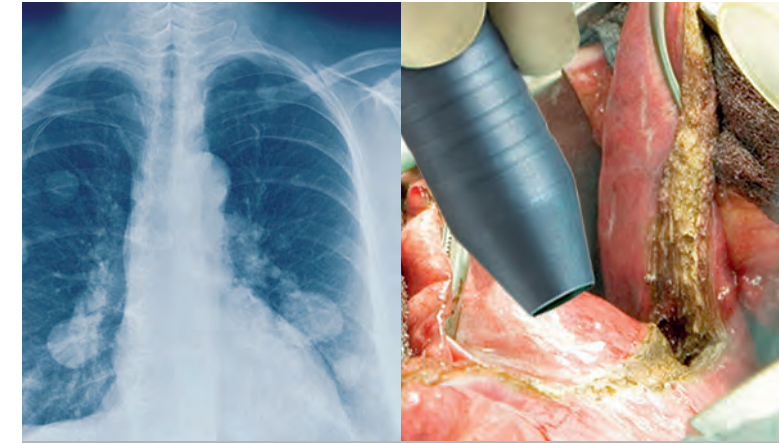
During the course, you can be  
 reached under:  
 Phone: +33 (0) 3 88 11 90 00

**Organization:**

Gebrüder Martin GmbH & Co. KG  
 A company of the KLS Martin Group  
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 78532 Tuttlingen/Germany  
 Tel.: +49 (0) 7461 706-243  
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 Homepage: www.klsmartin.com

**In combination with a "Laser in Medicine" basic course (Sachkundekurs), this course is recognized as a specialized training course (Fachkundekurs) in accordance with the certification guidelines of the German Society of Laser Medicine.**

**The course has applied for CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).**



December 11<sup>th</sup> – 12<sup>th</sup>, 2014

## Expert Meeting on Laser Application in Thoracic Surgery

Department of Thoracic Surgery  
 Albert-Ludwigs-University,  
 Freiburg

**CME Credits  
 have been applied**



**UNIVERSITÄTS  
 FREIBURG KLINIKUM**

according to the guidelines of the



**DEUTSCHE GESELLSCHAFT  
 FÜR LASERMEDIZIN e.V.**

German Society of Laser Surgery

**Please type/print your name and address:**

Title \_\_\_\_\_ First name \_\_\_\_\_ Family name \_\_\_\_\_

Hospital \_\_\_\_\_

Address \_\_\_\_\_

Zip Code \_\_\_\_\_ City \_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

E-Mail \_\_\_\_\_

INVITATION

Dear colleagues,

After seven successful Expert Meetings on Laser Application in Thoracic Surgery beginning in 2007, I cordially invite you to our eighth meeting in December 2014.

Optimal treatment of our patients deserves optimal technical equipment. This is especially true in patients with lung metastasis. In more or less every one of these patients we encounter a different situation. This ranges from simple wedge resections to complex resections in cases of multiple metastases or metastases which are in the vicinity of the central vascular and bronchial structures of the lung. With the introduction of a new generation of surgical laser systems with a wavelength of 1.320 nm we now have an optimal instrument which allows dissecting the lung parenchyma in a superior fashion.

Furthermore, this laser is also applicable for endotracheal and endo-bronchial problems. Therefore, it is an interesting tool which is useful in different clinical situations and applications.

The aim of our workshop is to demonstrate the usefulness of the laser technology for pulmonary diseases. On the first day we will have an introduction into laser technology and the theoretical aspects of pulmonary metastasectomy. Additionally, there will be live demonstrations on laser lung surgery as well as on endotracheal applications. On the second day all participants have the opportunity to work in the wet-lab with the laser equipment.

We wish all participants an interesting and fruitful insight into the state of art technique of the resection of pulmonary metastases and shall provide ample opportunity for discussions with colleagues from different countries.

Bernward Passlick, M. D.  
Scientific Director

Sebastian Wiesemann, M. D.  
Organization

PROGRAM

Thursday, December 11<sup>th</sup>, 2014

- 8:30 a.m. Registration/enrolment at the hotel

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- 8:45 a.m. Bus transfer to  
**Universitätsklinikum Freiburg, Robert-Koch-Klinik  
Department of Thoracic Surgery**

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- 9:00 a.m. Word of welcome/introduction **Prof. Dr. med. B. Passlick**

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- 9:05 a.m. Technical basics of medical laser systems,  
optical fibers and applicators **Prof. Dr. med. H.-P. Berlien**

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- 9:35 a.m. Safety rules and practical advice for using  
the laser in the OR **Prof. Dr. med. H.-P. Berlien**

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- 10:05 a.m. Technical innovations improving pulmonary  
laser resections **U. Ott**

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- 10:30 a.m. **Coffee break, snack**

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- 10:45 a.m. Pulmonary laser resections: Technical aspects  
**Prof. Dr. med. B. Passlick**

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- 11:15 a.m. Indications and results of pulmonary  
metastasectomy for different primary tumors  
**Prof. Dr. med. B. Passlick**

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- 11:45 a.m. The role of lymphadenectomy in pulmonary  
metastasectomy: Does it make sense? **PD Dr. med. S. Welter**

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- 12:15 p.m. Endotracheal and endobronchial  
laser application **Dr. med. M. Elze**

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- 12:30 p.m. **Lunch**

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- 1:30 p.m. Case examples of laser operations  
Auditorium at Universitätsklinikum Freiburg and OR  
Video transmission of live operations from the OR

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- 5:00 p.m. Bus transfer to the hotel

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- 6:00 p.m. Social evening

PROGRAM

Friday, December 12<sup>th</sup>, 2014

- 7:45 a.m. Bus transfer to IRCAD, Strasbourg, France

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- 9:30 a.m. Demonstration of laser system;  
Resection of lung metastases in the wet-lab  
(groups of 6 - 7 participants)

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- 11:30 a.m. Round-table discussion and hand-over of certificates

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- 12:00 noon **Lunch**

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- 1:00 p.m. Bus transfer to Freiburg

Lecturers

- Prof. Dr. med. B. Passlick      Universitätsklinikum Freiburg  
Department of Thoracic Surgery
  
- Prof. Dr. med. H.-P. Berlien      Elisabeth-Klinik Berlin  
Department of Laser Medicine
  
- PD Dr. med. S. Welter      Ruhrlandklinik Essen  
Department of Thoracic Surgery
  
- Dr. med. M. Elze      Universitätsklinikum Freiburg  
Department of Thoracic Surgery
  
- U. Ott      Gebrüder Martin, Tuttlingen

Scientific Director

Prof. Dr. med. Bernward Passlick, MD PhD  
Department of Thoracic Surgery  
University Medical Center Freiburg  
Hugstetterstr. 55  
79106 Freiburg/Germany  
Office: Mrs Bettina Bethe  
Phone: +49 (0) 761 270 2457 0  
Fax: +49 (0) 761 270 2499 0

REGISTRATION

I hereby bindingly accept your invitation to the 8<sup>th</sup> Advanced Training Course on "Expert Meeting on Laser Application in Thoracic Surgery", to be held in Freiburg on December 11<sup>th</sup> and 12<sup>th</sup>, 2014. Please register \_\_\_\_\_ persons in my name.

**Course Fee: 495.– EUR/per person (including 19% VAT)**

This fee includes: live operations, practical exercises in the wet-lab, lectures, certificate, social evening on Thursday, catering during the course, bus transfer to hotel and social evening, accomodation with breakfast from December 10<sup>th</sup> to 12<sup>th</sup> (2 nights).

Attendance is limited. Applicants are accepted on a **first-come, first-served basis**.

**General Terms and Conditions:**

Applicants are accepted in the order their written registrations are received. Please note, that your attendance to the course can only be reserved after the complete receipt of the **payment**. Cancellations are possible up to 6 weeks prior to the start of the course, but a handling fee of 100 Euros will be charged. Subsequently, there will be no refunds.

.....  
City/Town                      Date                      Signature

Payable in advance: (Please indicate: Laser Course 2014)

**by Bank Transfer**

Bank: Kreissparkasse Tuttlingen  
Account No.: 10234, Bank Code: 643 500 70  
IBAN: DE 15 6435 0070 0000 0102 34  
BIC: SOLADE S1 TUT

**by Credit Card**

Visa                       Mastercard   
Card Holder: \_\_\_\_\_  
Card No.: \_\_\_\_\_  
Expiration Date: \_\_ / \_\_  
Signature: \_\_\_\_\_

