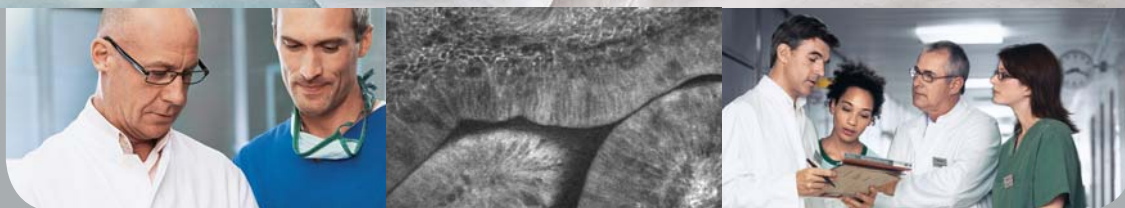


Medical Education Centre

Advanced training
courses with leading
specialists as tutors.



Mainz · Milan · Marseilles



Photo: Peter Polkowski



Prof Ralf Kiesslich, Dr Arthur Hoffman, Dr Martin Götz

MEDICAL EDUCATION CENTRE MAINZ – GERMANY

HIGH-DEFINITION ENDOSCOPY AND CONFOCAL ENDOMICROSCOPY

The University Medical Centre of the Johannes Gutenberg University Mainz – the fifth largest university in Germany – is located in the centre of Mainz, capital of the federal state of Rhineland-Palatinate. It features an outstanding research centre and a well-established institution of medical education. The interdisciplinary endoscopy unit of Mainz University Medical Centre offers various training courses in the field of confocal Endomicroscopy and high-definition endoscopy (HD+) in conjunction with a new post-processing imaging technology.

High-Definition Endoscopy

Gastrointestinal endoscopy is currently going through substantial technological improvements. In conjunction with a new post-processing imaging technology called i-scan, high-definition endoscopy (HD+) allows detailed analysis of the mucosal surface based on vessel and crypt architecture, which facilitates the recognition of early malignant changes. Our training courses will familiarize you with the Hi Line System and will provide deep insight into its use in everyday clinical practice. Important functionalities of the processor, the high-resolution endoscopes, and especially the application possibilities of the i-scan technology will be explained in detail. In addition, you will learn to understand the practical applications of the Hi Line System during various live examinations of different diseases.

Confocal Endomicroscopy

Confocal Endomicroscopy is an endoscopic technique which combines microscopy and endoscopy. It enables in vivo microscopy of the entire mucosal layer at subcellular resolution during ongoing endoscopy. In the centre of excellence for endomicroscopic imaging more than 2,500 examinations have been performed to date.

In 2004, the very first clinical study in the diagnostic field of confocal Endomicroscopy was performed in Mainz and a featured article on the subject was published in the Gastroenterology journal. Since then, various new indications and imaging possibilities have been explored and have led to many publications, presentations and educational programs. Our initial and advanced training courses provide

deep insight into the technique and the clinical value of confocal Endomicroscopy. The training courses have different elements: live examinations, hands-on training, image interpretation, technological reviews as well as updates and overviews of recent publications.



"You will understand the excitement and the clinical value of HD+ endoscopy and confocal Endomicroscopy after taking part in this training course. We are looking forward to welcoming you in Mainz."

Prof Ralf Kiesslich

360° ENDOSCOPIC TRAINING

Located near Milan, this Medical Education Centre has its main focus on endoscopy. To this end, a wide range of high-level training courses are offered in association with three important medical centres that focus on the subjects of growing interest in endoscopy, such as ERCP, EUS, interventional GI endoscopy, ESD & EMR, confocal Endomicroscopy, and many more:

Università Vita-Salute San Raffaele, Milan
Istituto Europeo di Oncologia, Milan
Ospedale Maggiore di Crema, Crema

Attend five days of training, from Monday to Friday, and improve your skills in endoscopy. See what is already possible by attending endoscopic procedure sessions, interactive meetings and case discussions with the experts.

Interventional GI Endoscopy Course

This advanced training course provides deep insight into the high standard of conventional interventional endoscopy and into new technologies for future procedures.

In a short welcome session, instructors of the three hospitals will present the program of the week to the participants. With live GI sessions and case discussions, comprehensive learning experiences will be provided in all three centres. The training course will focus on the main interventional procedures (stent placement, APC, polypectomy, EMR, ESD, clips, endoscopic fundoplication, biliopancreatic therapy, etc.).

ERCP Course

This course focuses on biliopancreatic diseases and the technique of conventional and therapeutic ERCP procedures such as stone removal, stenting, pseudocyst treatment, ampullectomy, sphincterotomy, etc. It provides the opportunity of taking part in interesting live ERCP case sessions. Participants will be welcomed by the instructors with an introductory theory session on ERCP: basic techniques, equipment, accessories. Then the group will attend the training and the live sessions in different centres, where the most important cases will be discussed every afternoon.

EUS Course

EUS and EBUS has engendered growing interest in the endoscopic environment. Participants will be welcomed by the instructors with an introductory theory session on EUS: basic techniques, equipment, ultrasound scanner and functions, accessories. During the training course, the group will get a chance to see the diagnostic and therapeutic algorithm of the endoscopic ultrasound procedures with a comprehensive overview of the following topics: EUS radial and linear – pros and cons, EUS-FNA, elastography, contrast agents, staging and grading.

MEDICAL EDUCATION CENTRE MILAN – ITALY



Prof. P. A. Testoni, Dr. P. G. Arcidiacono,
Dr. C. Crosta, Dr. A. Zambelli,



Dr Marc Giovannini

MEDICAL EDUCATION CENTRE MARSEILLES – FRANCE

EUS LEARNING CENTRE

The Institut Paoli-Calmettes is an institute governed by the French Public Health Code, tasked with raising public awareness on cancer prevention. Beyond providing information on cancer prevention and driving research work, its mission is to provide support for patients going through cancer diagnosis and clinical treatment (i.e. surgery, radiotherapy, chemotherapy).

Dr Marc Giovannini, Head of the Department for Hepato-Gastroenterology, is one of the leading international specialists in the field of endoscopic ultrasound. He is regarded as a pioneer of linear endoscopic ultrasound.

In our Medical Education Centre in Marseille, we offer an individual EUS training with high-quality hospitation which is tailored to the interests and individual expectations of the participants (and is therefore limited to two participants per training). Experience four consecutive days with the main emphasis on:

- linear and radial diagnostic endosonography
- therapeutic endosonography
- celiac neurolysis
- hepatico-gastrostomy
- pancreatico-gastrostomy
- pancreatic pseudocyst drainage
- new tissue characterization technologies
- elastography
- contrast-enhanced endosonography
- tri-dimensional endorectal ultrasound
- training on Symbionix simulator



EXCELLENT PERSPECTIVES IN MEDICAL EDUCATION

PENTAX Campus is a well-established medical education program with highly qualified lecturers and instructors for people who want to know more and do more. In cooperation with hospitals, associations, companies and the health care industry, PENTAX promotes a selection of high-quality national- and international-level training courses. Individual training courses focus on scientifically established theoretical and practical know-how for successful implementation into your routine endoscopic and medical procedures.

In conjunction with the theoretical part of the education program, the clinical component looks at the clinical facility's possibilities, the specialist's area of expertise and the participant's goals, and balances these with the needs of the patients.

Each of our Medical Education Centres focusses on specific areas of application. Our education courses are offered at three different, fascinating sites in Europe and are directed by qualified specialists who will help you familiarize yourself with innovative technologies and will show you established methods from a completely new perspective. Only PENTAX can offer you this exclusive opportunity – so get ready for the next generation of innovative medicine!

TESTIMONIALS - WHAT OUR PARTICIPANTS SAY



"The competence and dedication of the faculty at the Medical Education Centre Mainz impressed me just as much as their state-of-the-art endoscopy equipment. This highly informative training course was easy to follow and will certainly help me in my future work as it definitely broadened my clinical experience with confocal Endomicroscopy. I appreciated the training course from both theoretical and practical points of view and I am very glad I had the opportunity to take part. Therefore, based on the experiences I made, I can warmly recommend this very useful training course to anyone interested in the field of confocal Endomicroscopy."

Bogdan Cotruta, MD
Gastroenterology and
Hepatology Department
Fundeni Clinical Institute for Digestive
Diseases and Liver Transplantation
Bucharest, Romania



"This training course has enhanced my knowledge and interest in confocal Endomicroscopy. I enjoyed the practical aspects of it, because it is one thing to learn a technique "by the book", and quite another to practice it with a well-known expert like Prof Ralf Kiesslich. The training course has a relaxed and friendly atmosphere where you can share ideas and learn many small details, and that makes all the difference. In my opinion, the endomicroscopic-pathological correlation sessions were the best part. These sessions really helped me improve my knowledge of confocal Endomicroscopy and increased my confidence in this technique.

I highly recommend this course for beginners and for those who want to develop their skills, become more confident and build a greater understanding of confocal Endomicroscopy."

Francisco Baldaque Silva,
gastroenterologist and PhD student
Gastroenterology Department
Karolinska University Hospital
Stockholm, Sweden



"In September 2009, I attended the EUS training course at the San Raffaele Hospital in Milan. I could spend lots of time inside the endoscopy room so that I got to see a large variety of cases; around eight cases per day. The atmosphere was very friendly and the performing endoscopists gladly explained EUS and FNA techniques, giving step-by-step answers in English to any questions asked during examination. The course included much more 'live' endoscopy than theoretical lessons. I was very pleased with the EUS course and would like to attend similar courses in other fields of endoscopy."

Stavros Dimopoulos,
gastroenterology trainee
Athens, Greece

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