Dear All,
Olympus organizes Professional Education activities in close cooperation with healthcare experts and leading teaching hospitals in Europe. These Medical Expert Training will support you in widening and improving medical and technical skills in an empathetic and comprehensible manner for professional excellence in order to improve patient care.

Professional Education offers the perfect fit with Medical Expert Training in various educational formats and procedures in General Surgery, Urology, Gynecology and Ear Nose Throat. Lectures, discussions, hands-on sessions, live-demonstration and technology-based environments combine the excellence of theory and practice in order to train healthcare professionals.

I am looking forward to meeting you in one of our Medical Expert Training around Europe!

Best regards

Sven Boettjer
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Eight Important Facts
Rules for Successful Training Participation

1. **Registrations** must be submitted via the online tool. Please contact your local Olympus representative.

2. The **registration deadline** is four weeks before the training start date. You will find all course information on www.olympus-europa.com/medical/en/Professional/Education/ as well.

3. We reserve the right to **cancel** any course with fewer than six participants.

4. Please **inform us** or your local Olympus representative in case of any **cancellation** at least three weeks before training begins.

5. All Medical Expert Trainings are held in **English**.

6. **Hotel rooms** will be reserved in our corporate hotels; please contact your local Olympus representative for further information.

7. All participants need to accept the terms of use and privacy notice of our Medical Expert Trainings.

8. The **dress code** for all training sessions is business casual.
Training Location Address

Olympus Medical Training Center
Olympus Surgical Technologies Europe
Kuehnstrasse 61
22045 Hamburg, Germany

Senior Training Center Manager:
Beatrix Althaus
Beatrix.Althaus@olympus-europa.com

ENDO CLUB Academy
Hamburg-Eppendorf University Hospital (UKE), Building O30
Martinistrasse 52
22046 Hamburg, Germany

Training Center Manager:
Thi-Than-Thao Dao
Thi-Than-Thao.Dao@olympus-europa.com

Training & Education Center Hamburg West
Olympus Europa SE & Co. KG
Hohe Weide 17b
20259 Hamburg, Germany

Training Center Manager:
Jenny Bredenbeck
Jenny.Bredenbeck@olympus-europa.com

Headquarter
Olympus Europa SE & Co. KG
Amsinckstraße 63
20097 Hamburg, Germany

Important Online Addresses
Registration for training courses:

Global professional education website:
https://www.olympusprofed.com
Medical Expert Training in Endoscopic Sinus Surgery

Hands-On Training

Target Group
- Intermediate ENT surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experience in Endoscopic Sinus Surgery

Training Contents
- Surgical anatomy and radiology
- Handling of endoscopes and camera
- Identification of anatomical landmarks of the nose and sinuses. Resection of the uncinate process and middle meatal antrostomy
- "Intact bulla" – technique to the frontal
- Anterior ethmoidectomy and anterior ethmoidal artery
- Approach to the sphenopalatine and maxillary arteries
- Posterior ethmoidectomy
- Frontal approaches Drf IIb to III
- Endoscopic Dacriocystorhinostomy
- Canthotomy and Cantholysis
- Sphenoidotomy and exposure to sella
- Orbital and optical nerve decompression
- Medial maxillectomy
- Nasoseptal flap, inferior turbinate and lateral wall flaps

Training Concept
Endoscopic Sinus Surgery techniques have developed rapidly over the last twenty years and remain the gold-standard approach for sinus procedures. Although most surgeons receive adequate training in basic sinus surgery techniques, there has been considerable advancements in these techniques, indications and extent of surgery feasible with endoscopic techniques. Continuous education with didactic and practical courses represents the most valuable tool to remain abreast of such developments and maintain surgical skills. The main goal of this training opportunity provided by leading experts in this field is to provide the participants with a safe and supported environment to gain instructions and Hands-on Training in all aspects of Endoscopic Sinus Surgery.

Course objectives
- Reviewing the endoscopic anatomy of the nose and sinuses
- Providing the opportunity to improve the skills handling endoscopes and instruments in the nose and to learn, step-by-step, the endoscopic surgery of the nasal cavity and sinuses, including access to the frontal, exposure of the ethmoidal and sphenopalatine arteries, endoscopic DCR, orbital and optical nerve decompression, canthotomy and cantholysis etc
- Learning decision-making in the management of sinonasal lesions
- A stepwise surgical approach to the nose and sinuses on bio labs
Medical Expert Training in Endoscopic Sinus Surgery

Hands-On Training

Target Group
- Intermediate ENT surgeons

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- Learning decision-making in the management of sinonasal lesions
- A stepwise surgical approach to the nose and sinuses on bio labs
Medical Expert Training in NBI Endoscopy in the management of the UADT tumors

Advanced Peer-to-Peer Training and Live-Surgery

Training Concept
In the last few years NBI technology, which is already widely used in various endoscopic applications, has proven to be useful also in ENT medicine and in the pre-operative, intra-operative and post-operative staging of patients affected by squamous cell carcinoma in the head and neck area.

This theoretical and practical course is a valid step towards learning how to interpret the vascular pattern typical of neoplastic and preneoplastic lesions. It also aims at interpreting the physical characteristics, methods and diagnostic advantages of this technology both via theoretical lessons and practical applications in the OR and in the consulting room.

The main idea of these advanced courses is a peer-to-peer approach. With having both possibilities, letting a smaller group join in the OR as well as establishing a real-time, high quality video transmission of larynx surgeries into the lecture room with allowing vivid communication between audience and Prof. Peretti, questions can be asked immediately. In addition to that, on the afternoons of day one and two you will have the chance to get a clinical studies update on experiences made with NBI in laryngology as well as get an clinical study update by the presentations of Prof. Peretti.

Target Group
· Intermediate ENT surgeons

Course Requirements
· Speak, read and write English on a moderate level
· Experience in NBI Endoscopy in the upper aero-digestive tract

Training Contents
· “Biological endoscopy” concept in the modern evaluation of UADT tumors
· Technology and principle of NBI
· NBI and HDTV in the endoscopic evaluation of UADT tumors
· Live surgery
· Visit to the ENT office
· Abnormal NBI vascular patterns of the UADT
· Results of the HDTV-NBI study for the oral cavity and hypopharynx
· Results of the HDTV-NBI study for the oral cavity and oropharynx
· Endoscopic diagnostic work-up for neoplastic lesions of the UADT with special emphasis for those of the larynx
· The “optical biopsy” concept and its application in the oral cavity and oropharynx
Medical Expert Training in Transoral Endoscopic Surgical Approach

Hands-On Training

Universitat de Barcelona
Barcelona, Spain

1 day

Prof. Mario Fernández
Hospital General Universitario Gregorio Marañón, Madrid, Spain

Target Group
- Intermediate ENT surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experience in transoral approach

Training Contents
- General overview of the transoral approach to the Oropharynx
- Introduction to Transoral Endoscopic Ultrasonic Surgery (TOUSS) from the concept to the reality
- Technical requirements (endoscopic systems, FKWO, arm, specific instruments)
- Tips and tricks for trans-oral approach to the Oropharynx and the base of the tongue
- Bio lab dissection
- EXERCISE 1: Superficial dissection of the Oropharynx
- EXERCISE 2: Deep dissection of the Oropharynx and parapharyngeal space
- Bio lab dissection
- EXERCISE 3: Transoral approach to the base of the tongue
- EXERCISE 4: (optional) Supraglottis and Hypopharynx

Training Concept
In the past years, transoral techniques to approach oropharyngeal tumors have increasingly replaced external approaches as they obviate the need of splitting the mandible reducing thus the postoperative morbidity. With the raise of HPV+ associated squamous cell carcinomas and the development of minimally invasive techniques there is a shift in paradigm of the oropharyngeal cancer treatment, the inside-out anatomy becoming the new scenario for the head and neck surgeon, more used to external approaches. The course is suitable for head and neck surgeons interested in improving/implementing the transoral approach in routine practice avoiding the costs of a robotic platform. The main goal is to describe the most important landmarks and surgical considerations for the transoral resection of oropharynx tumours. Assistants will do a complete anatomical dissection of the oropharynx on a bio lab learning the basics of exposure with a Feyh-Kastenbauer retractor (FK-retractor), the EndoEye System, and to use different energy devices (Thunderbeat) specifically designed to reach every anatomical corner and to avoid surgical bleeding. The dissection will be performed step by step, following the recommendations of specific guidelines.

Course objectives
- Familiarizing with the intraoral anatomy of lateral pharyngeal wall, base of the tongue and parapharyngeal space
- Learning the TOUSS approach
Medical Expert Training in the field of Sleep & Rhinology

Advanced Peer-to-Peer Training and Live-Surgery

Queens Hospital
London, UK

1.5 days

Prof. Bhik Kotecha
Royal National Throat, Nose and Ear Hospital
London, UK
ENT Consultant

Target Group
· Intermediate ENT surgeons

Course Requirements
· Speak, read and write English on a moderate level
· Experience in the field of Sleep & Rhinology

Training Contents
· Welcome and introduction
· Radiofrequency technology
· Inferior turbinate reduction
· Assessment of SDB patients and DISE
· Radiofrequency ablation of palate and tongue base
· ProCut palatoplasty
· Tonsil reduction
· Panel discussion with Q&A session
· Live surgery with four procedures, e.g.:
  · RFITT turbinate reduction
  · RFITT base of tongue and palate
  · ProCut Palatoplasty
  · DISE

Training Concept
Treatment of sleep disordered breathing disorders is becoming ever more popular as research and awareness increases. There are multiple operative treatments available to the modern sleep surgeon. This is especially true with turbinate, palatal, tonsillar and tongue base procedures.

This course has been specifically designed for those interested in sleep surgery and also turbinate surgery. The course faculty has developed this course, based on their experience in sleep surgery, in order to exchange results and benefit from interaction.

During this training course, surgeons with an interest in sleep surgery and turbinate surgery will engage in live surgery. The main focus will be on peer-to-peer interactions, live surgery, and theoretical presentations with tips and tricks.
Medical Expert Training in Clinical Benefits of NBI in Diagnostic Endoscopy in Laryngology

Advanced Peer-to-Peer Training and Live-Surgery

Training Concept
High definition Endoscopy using NBI is a useful method in diagnosing premalignant and malignant lesions in mucous membranes in the region of head and neck. It is also suitable to better define the borders of malignant lesions and serves in follow up after treatment of these tumors.

In this Medical Expert Training you will get acquaintance with endoscopic methods using NBI in the outpatient diagnostics of premalignant and malignant lesions of the upper aero digestive tract.

Target Group
- Intermediate ENT surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experience in Flexible Endoscopy and NBI

Training Contents
- Epidemiology, risk factors and natural history of the preneoplastic and neoplastic lesions of the UATD
- Technology and principles of NBI and HD TV Videoendoscopy
- NBI and HDTV in the evaluation of patients with upper UADT lesions (local anesthesia, patient preparation, Videocendoscopy step-by-step)
- Outpatient endoscopic diagnostic protocol of patient with suspected lesion of the upper UADT
- Study protocol of NBI and HDTV Videoendoscopy
- Parallel session
  - Practical part in outpatient office
  - Clinical cases
- NBI Videendoscopy in the prehistological diagnosis of the UADT lesions
- NBI imaging in the surveillance of previously irradiated patients
Medical Expert Training in Advanced Laparoscopic Bariatric Surgery

Peer-to-Peer Training and Live-Surgery

Prof. Dr. Yves Van Nieuwenhove
Ghent University Hospital
Belgium
Department of Gastrointestinal Surgery

Target Group
- Bariatric surgeons
- General surgeons performing bariatric surgery

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Bariatric Surgery level

Training Contents
- Care pathway for bariatric surgery in Ghent
- Hand-sewn RY gastric bypass
- Conversion from LAGB to RY gastric
- Anesthesiological tips (Prof. Dr. L. De Baerdemaeker)
- Undo of RY gastric bypass
- Vessel sealing technology
- Live surgery with four to five procedures, e.g.:
  - Straightforward laparoscopic RY gastric bypass
  - Other revision bariatric procedure

Training Concept
With the ongoing obesity epidemic, bariatric surgery has been evolving rapidly. At this moment, the laparoscopic RY gastric bypass is considered the gold standard, achieving 25–35% total weight loss with very low morbidity. This low morbidity has been the result of surgical progress and improvements in anesthesia as well as the development of cutting-edge technologies. One such improvement has been the combination of ultrasonic dissection energy with bipolar sealing capabilities.

During the first day of this Medical Expert Training you will see how the patients are guided through the care pathway for bariatric surgery. On the technical side, hand-sewn RY gastric bypass will be highlighted along with the conversion from one type of bariatric surgery to another as well as the procedure to “undo” an RY gastric bypass. Specific Anesthesiological tips will be provided by Prof. L. De Baerdemaeker, cofounder of the European Society for Perioperative Care of the Obese Patient (ESPCOP). On day two, live surgery will feature at least two hand-sewn RY gastric bypass procedures and one or more revision procedures.
Medical Expert Training in Laparoscopic Colorectal Surgery

Peer-to-Peer Training and Live-Surgery

Target Group
- Experienced general and colorectal surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Laparoscopic Colorectal Surgery level

Training Contents
- Clinical experience in laparoscopic colorectal surgery
  - Lectures: results and tips & tricks to reduce complications
  - Video sessions: left/right Hemicolecetomy, Sigmoidectomy and rectal surgery
- Vessel sealing technology
- Live surgery, for example:
  - Left/right Hemicolecetomy
  - Sigmoidectomy
  - Rectal surgery

Training Concept
Since the late 1980s, Laparoscopy has clearly become the gold standard for colorectal surgery. Nevertheless, even in developed countries, less than 60% of colorectal procedures are started laparoscopically. Laparoscopic Colorectal Surgery is technically demanding, and this difficulty may partially explain limited indications for laparoscopic colectomies and protectomies. In the literature, the learning curve is estimated to be approx. 30 cases. This is a minimum threshold, which is why our faculty suggest 50 to 100 cases to be necessary to be confident with this technique. Different methods are useful for improving laparoscopic skills or reducing the learning curve: simulations, sharing experiences, etc. Our aim is to provide a comprehensive update on the technical key points in colorectal surgery. We have built a scientific program aimed to offer lectures on the main relevant topics and live surgery so that by the end of the Medical Expert Training the participants can expect to have a detailed comprehension of laparoscopic colectomies and protectomies.

Day 1: Theory – Focusing on technical key points
Day 2: Live Surgery – Observation in the OR
Medical Expert Training in Liver Surgery

Peer-to-Peer Training and Live-Surgery

San Raffaele Hospital
Milan, Italy
2 days

Luca Aldrighetti, MD, PhD
San Raffaele Hospital
Milan, Italy
Head of the Hepatobiliary Surgery Division

Target Group
· HPB surgeons
· General surgeons with experiences in Liver Surgery

Course Requirements
· Speak, read and write English on a moderate level
· Experienced Liver Surgery level

Training Contents
· Surgical anatomy of the liver
· Open and laparoscopic liver resections: principles of technique in parenchymal transection
· Vessel sealing technology
· Video training
· Laparoscopic left/right Hepatectomy
· Approach to Hepatocaval confluence during laparoscopic right Hepatectomy
· Laparoscopic ALPPS procedure
· Perioperative management of open and laparoscopic hepatectomies
· Presentation of live session cases
· Live surgery (two procedures in parallel) e.g.: Open Liver Resection
· Laparoscopic Liver Resection
· Principles of intra-operative ultrasound in open and laparoscopic Liver Surgery

Training Concept
Liver Surgery has evolved and improved dramatically in recent years: Indeed, indications for surgery for primary and secondary tumors of the liver have been widened, so that hepatic resections are frequently required and performed. A good level of safety has been achieved in Liver Surgery thanks to innovation in both surgical techniques and anesthetic management. This has led to acceptable morbidity and mortality rates for procedures carried out by experts.

Technical and technological advances led to a widespread diffusion of minimally-invasive technique even in the field of Liver Surgery, given its benefit in term of short-term results and oncological adequacy. Furthermore, new approaches have been described (ALPPS, parenchymal sparing and ultrasound-guided surgery).

In this setting, Liver Surgery has become a highly specialized branch, requiring specific and dedicated knowledge. Technical and cultural education/training of general surgeons does not generally allow for acquisition of the appropriate knowledge for providing the patient suffering from liver cancer an adequate standard of care: In this setting, a dedicated training course becomes mandatory.

In this Medical Expert Training you will improve your knowledge of technical issues in the field of open and laparoscopic Liver Surgery, with specific focus on new technologies and surgical tips and tricks. During the course you will receive lessons on surgical anatomy and technical backgrounds, and you will be actively involved in major open and laparoscopic Liver Surgery, receiving specific tutoring in the surgical field.
Masterclass in Laparoscopic Colorectal Surgery

Peer-to-Peer Training, Live Surgery and Hands-On Training

Target Group
- Experienced colorectal surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Laparoscopic Colorectal Surgery level

Training Contents
- Laparoscopic organization
- Anaesthetic considerations
- Patient positioning
- Trocar positioning right Colectomy
- Colectomies (video)
- Chemotherapy and hepatic metastases
- Surgical anatomy of the rectum
- Single incision laparoscopic Colectomy
- Rectal cancer
- Proctectomy and total mesorectum excision (video)
- Sphincter preservation
- Biolabs
- Splenic flexure mobilization
- Vascular pedicles
- Left and right colic and rectal resection
- Nerve locations
- Rectal prolapse
- Live demonstration in the operating room – presentation of instrumentation
- Complications, tricks and pitfalls of Colectomy and their management

Training Concept
The rapid growth in diagnostic techniques and the treatment of medical diseases make the ongoing education of surgeons essential. Increasingly, surgeons must exercise their profession by defining quality criteria in order to gain their patients confidence and to justify their fee scales. The assurance of quality and safety is a criteria increasingly demanded by patients, who are now better informed and by private as well as public health-care administrators being responsible for the funding and reimbursement of health-care expenditures. In order to ensure optimal quality of surgical practice in France, in Europe, and around the world, it appeared essential to create a school of surgery designed to provide periodic retraining (every five years) of surgeons right from the beginning of their specialist practice.

The program deals with the laparoscopic technology applied to the complexity of a colorectal operation. It includes practical instructions, the execution of colorectal resection on human bio labs under the direction of the course faculty and interactive live sessions.

This MASTERCLASS is designed for colorectal surgeons who already have experience in Laparoscopy and Open Colorectal Surgery.
Medical Expert Training in Transanal Minimally Invasive Surgery (TAMIS) – Reversed Total Mesorectal Excision (TME)

Peer-to-Peer Training, Live Surgery and Hands-On Training

Target Group
- Experienced colorectal surgeons interested in TAMIS/TME

Course Requirements
- Speak, read and write English on a moderate level
- Experienced TAMIS – TME level

Training Contents
- Introduction Rectal Cancer Surgery
- Introduction taTME
- Live surgery; TAMIS-taTME
- Operative setup, instruments and Vessel Sealing Technology
- COLOR 3 study; randomized abdominal TME versus TAMIS-taTME
- Video sessions:
  - TAMIS procedure step by step
  - Anastomosis
  - Complications, tips, tricks and pitfalls
- General introduction
- Evolution of rectal cancer
- Indication for taTME
- Future of taTME
- Introduction to bio lab training
- Bio lab anatomy
- Hands-on Training on bio lab model

Training Concept
Rectal cancer management and Rectal Cancer Surgery are progressing and new techniques aimed at better functioning procedures and better oncological outcomes are being developed. Transanal Minimally Invasive Surgery (TAMIS) techniques have the potential to manage advanced rectal lesions and instances of low-level rectal cancer with a lower rate of morbidity and more radicality.

The increased incidence of early rectal lesions due to screening will increase interest in TAMIS techniques. Single port Transanal Endoscopic Microsurgery (TEM) is an accessible new technique which can be performed with standard endoscopic instruments. The training of surgeons is essential to maintain the high-quality and oncologically sound outcomes currently obtained in specialized TME centers.

The evolvement of transanal single port surgery has led to the development of a new approach for the treatment of rectal carcinoma, the transanal Total Mesorectal Excision (taTME). In this way the rectum and the total mesorectum are mobilized completely in a reversed way transanally with modern minimally invasive instruments and Energy Devices with potentially better radicality and less neural damage.

This Medical Expert Training in “TransAnal Minimally Invasive Surgery (TAMIS) – reversed Transanal Total Mesorectal Excision (TME)” is a two-day Hands-on Training course and an introduction to both these surgical techniques. The first day is dedicated to the techniques, pitfalls, and live surgery of TAMIS and taTME surgery directly attended in the OR environment. On day two you will have the opportunity to practice both techniques on a bio lab in the Hands-on Training course.
Medical Expert Training in Transanal Total Mesorectal Excision (taTME)

Peer-to-Peer Training, Live Surgery and Hands-On Training

Target Group
- Experienced colorectal surgeons interested in TAMIS/TME

Course Requirements
- Speak, read and write English on a moderate level
- Experienced taTME level

Training Contents
- Minimally invasive rectal cancer surgery: a critical appraisal
- The background of taTME
- Surgical technique and pitfalls
- Pelvic nerve preservation in taTME
- Vessel sealing technology
- Introduction to the bio lab
- Bio lab
- Wrap-up
- Case presentation
- Live surgery

Training Concept
The development of laparoscopic surgery has changed the practice of colorectal surgery. In view of different significant short- and long-term benefits and equivalence of oncologic efficacy, a minimally invasive approach is now the standard of care for Colorectal Cancer Surgery. However, due to a steep learning curve, implementation has been a long process. Specifically, laparoscopic Total Mesorectal Excision (TME) has specific technical hurdles, which have resulted in significant conversion rates. The COLOR II trial (a European randomized controlled trial comparing laparoscopic and open rectal cancer surgery) reported a relatively high conversion rate of 17%. Recently the ROLLAR trial failed to demonstrate superiority of a robotic approach.

A transanal approach using the TAMIS platform is a new approach. It has the advantage of facilitating the most distal part of the TME dissection and gives the surgeon full control on the distal resection margin and type of anastomosis (hand-sewn or stapled). The technique allows a single-stapled low pelvic anastomosis to be performed. Therefore the TAMIS platform has the potential to stimulate a broader implementation of minimally invasive rectal cancer surgery while minimizing the conversion rate.

This Medical Expert Training in "Transanal Total Mesorectal Excision (taTME)" is a two-day Hands-on Training course. The course will provide an in-depth understanding of and current evidence for minimally invasive rectal cancer surgery and the versatile use of the new TAMIS platform. The technique of taTME will be extensively highlighted for of a safe implementation. A bio lab will allow Hands-on Training of some of the basics of the technique. Live Surgery will allow a better understanding of the set-up for this new approach.
Medical Expert Training in Thyroidectomy With Nerve Monitoring

Peer-to-Peer Training and Live-Surgery

Dr. Sam Van Slycke
OLV Clinic
Aalst, Belgium

OLV Clinic
Aalst, Belgium

1.5 days

For dates & places please contact your local Sales Representative

Dates are subject to change, please check and register online: register [here](#)

Target Group
- Surgeons with an interest in thyroid surgery

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Thyroidectomy With Nerve Monitoring level

Training Contents
- Clinical experiences in thyroidectomy lectures:
  - Complications
  - Results
  - Tips and tricks to avoid complications
  - Principles of Neuromonitoring
- Video sessions:
  - Total Thyroidectomy
  - Hemithyroidectomy
  - Vessel sealing technology
  - Live surgery with three or four procedures, e.g.:
    - Total Thyroidectomy
    - Hemithyroidectomy
    - Redo Surgery

Training Concept
Thyroidectomy is the most commonly performed procedure in endocrine surgery. For many years, a clamp-and-tie technique was the gold standard in terms of procedures. Nowadays, with the advanced vessel sealing systems, the thyroidectomy procedure has become a more accessible procedure with less blood loss and a shorter procedure time. Although a huge technical evolution, a thorough knowledge of anatomy and physiology still remains the most important part of the procedure. With advanced sealing instruments and continuous vagal nerve monitoring, the endocrine surgeon has ultramodern instruments to ensure a safe and well-performed procedure. The fact that the number for thyroid surgery is increasing makes investments in this field obvious and interesting. This training course serves the purpose of providing some theoretical insights into the newest technologies with video and live demonstrations where the participants can actively participate.

During this training course, surgeons with an interest in thyroid surgery will see and assist in total Thyroidectomy and Hemithyroidectomy performed with the Open Fine Jaw device under continuous vagal nerve monitoring. The main focus will be on peer-to-peer interactions, live surgery, and theoretical presentations with tips and tricks.
Medical Expert Training in Thyroidectomy

Peer-to-Peer Training and Live-Surgery

Prof. Gabriele Materazzi
University Hospital Pisa, Italy
Head of Endocrine Surgery

Target Group

- Surgeons with an interest in thyroid surgery

Course Requirements

- Speak, read and write English on a moderate level
- Experienced Thyroidectomy level

Training Contents

- Surgical anatomy with tips and tricks to avoid complications
- MIVAT step by step
- Vessel sealing technology
- Video sessions:
  - MIVAT
  - Total Thyroidectomy with lateral neck dissection
  - Live surgery with four or five procedures, e.g.:
    - Total Thyroidectomy
    - Hemithyroidectomy
    - MIVAT

Training Concept

Thyroidectomy is the most commonly performed procedure in endocrine surgery. For many years, a clamp-and-tie technique was the gold standard procedure. Nowadays, with the advanced vessel sealing systems, thyroidectomy has become a more accessible procedure with less blood loss and a shorter operation time. Although the huge technical evolution, a thorough knowledge of anatomy and physiology still remains the most important part of the procedure. With advanced sealing technologies, the endocrine surgeon has ultramodern instruments to perform a safe and well-performed procedure. Increasing indications for thyroid surgery demand a higher focus on Training offerings in this field.

During this training course, surgeons with an interest in thyroid surgery will see total Thyroidectomies and Hemithyroidectomies performed with a Hybrid Energy System. The main focus will be peer-to-peer interaction, live surgery and theoretical presentations including tips and tricks.
Medical Expert Training in Upper Surgery

Peer-to-Peer Training and Live-Surgery

Ospedale San Raffaele
Milan, Italy

1.5 days

Prof. Riccardo Rosati
Ospedale San Raffaele
Milan, Italy
Specialist in General Surgery and Thoracic Surgery

Target Group
· Upper GI Surgeons with experience in laparoscopic surgery

Course Requirements
· Speak, read and write English on a moderate level
· Experienced Upper Surgery level

Training Contents
· Functional and benign diseases of the esophagus
· G.E.R.D.
· Giant paraesophageal hernia
· Achalasia
· Zenker and epiphrenic diverticula
· Malignant diseases of the esophagus and stomach
· Staging of upper GI cancers
· Multimodal treatments of upper GI cancers
· Endoscopic treatment of early lesions
· E.R.A.S. protocols
· Anesthesiology in upper GI surgery
· Minimally Invasive Surgery for gastric cancer
· Minimally Invasive Surgery for esophageal cancer
· Vessel sealing technology
· Presentation of clinical cases
· Patient positioning
· OR

Training Concept
Minimally Invasive Surgery has become the approach of choice for the treatment of benign and malignant diseases of the esophagus and stomach. The laparoscopic and thoracoscopic approach with the application of E.R.A.S. protocols has led to a significant reduction of the surgical impact on the patient, leading to faster functional recovery and shorter hospital stays. In particular, with minimally invasive Esophagectomy and Gastrectomy being very complex procedures, they should be performed by experienced and trained surgeons in high-volume hospitals. The full involvement of other individuals – such as gastroenterologists, anesthetists, and oncologists – throughout the entire care process is mandatory. Currently, many important innovations, such as the use of indocyanine green fluorescence angiography to better visualize the blood supply of the anastomotic ends and new tissue-sealing devices, have been introduced to improve our surgical performance and results. The course focuses on minimally invasive techniques for malignant and functional esophageal and gastric diseases. The course is structured over two days. Day one is dedicated to a theoretical update and the deepening of knowledge with regard to upper GI diseases with a special focus on multidisciplinary treatments, perioperative management pathways and the presentation of new technologies. Day two will be entirely dedicated to live surgery with the presentation of clinical cases and open live discussion within the operating room.

The aim of the course is to provide an update on surgical techniques and perioperative management of upper GI diseases.
Medical Expert Training in Advanced Laparoscopic Gynecological Surgery

Peer-to-Peer Training, Live Surgery and Hands-On Training

Target Group
- Experienced gynecologists

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Gynecological Surgery level

Training Contents
- Vessel Sealing Technology and imaging
- Laparoscopic Hysterectomy
- Radical surgery for oncological diseases
- Laparoscopic Lymphadenectomy
- Laparoscopic complications
- Hands-on in wet-lab environment
  - Bilateral Adnexectomy
  - Hysterectomy
  - Pelvic Lymphadenectomy
  - Management of complications in Laparoscopy
- Live surgery
  - Total Laparoscopic Hysterectomy for larger uteri

Training Concept
Laparoscopic techniques are becoming more and more interesting for gynecological surgeons, and Laparoscopy is emerging as the gold-standard approach for many procedures according to the many hundreds of randomized studies. Our vision is that Laparoscopy should be part of the fundamental skill of a modern gynecologist in addition to a thorough knowledge of high-tech laparoscopic instrumentation, which is rapidly evolving and requires a specific learning path.

Moreover, although many principles of open surgery may be applied, performing laparoscopic procedures requires special skills. Thus, didactic, practical courses represent the most valuable tool to reduce the time of apprenticeship, learn the different surgical techniques, develop the necessary psychomotor abilities, and become comfortable with the equipment. The main goal of the Medical Expert Training is to provide the participants with the required knowledge of Laparoscopy and psychomotor skills as well as practice the procedure on animal models in order to apply the learned techniques to live surgery.

The didactic session is aimed at the acquisition and improvement of the endoscopic techniques for dissection and suturing. Moreover, the main steps of each gynecological operation are described. Short videos of different laparoscopic operations are an integral part of the Medical Expert Training.

The practical session consists of training in an wet-lab environment. The second day will be dedicated to live surgery. Several kinds of operations are performed on experimental models. Special attention is paid both to dissection techniques and laparoscopic suturing, which is particularly difficult for surgeons new to this type of procedure.
Medical Expert Training in Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis

Peer-to-Peer Training and Live-Surgery

Casa di Cura C.G. Ruesch
Naples, Italy

1.5 days

Prof. Mario Malzoni
Clinica Malzoni
Avellino, Italy
Head of Advanced Endoscopic Gynecology

Target Group
· Gynecologists experienced in laparoscopic GYN
· Gynecologists performing/interested in endometriosis

Course Requirements
· Speak, read and write English on a moderate level
· Experienced Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis level

Training Contents
· Surgical anatomy of female pelvis
· Ultrasound evaluation of pelvic endometriosis
· Ovarian endometrioma:
  · Management and surgical treatment technique
  · What is the impact on the ovarian reserve?
· Endoscopic surgery for pelvic endometriosis:
  · Tips and tricks
· Medical treatment options for patients with endometriosis
· Vessel Sealing Technology
· Live surgery with up to three procedures, e.g.:
  · Deep pelvic endometriosis with bowel involvement/urinary tract involvement/severe adhesions

Training Concept
Nowadays, there is a common awareness endometriosis is probably the most challenging among gynecologic benign diseases in terms of epidemiologic spread and impact on women’s quality of life and the management of these patients is still characterized by several critical points. Our aim is to provide a comprehensive update on the overall management of this disease, from diagnosis to clinical and surgical treatment, with special attention to the reproductive outcome. We are convinced that the best management of patients affected by endometriosis may arise from the creation of a specialized network of referral centers for diagnosis and treatment. To achieve this, complete knowledge of the disease is crucial for any clinician facing it in his daily practice, in order to make the best possible use of advancing science to improve the care of patients.

We built this scientific program in order to offer lectures on the main topics and live surgery and ultrasound sessions with interactive debates to show their practical application, enabling course participants to have a detailed comprehension of the anatomical knowledge and surgical skills needed to correctly perform endoscopic surgery to treat endometriosis, ultrasound exam requirements to perform an accurate mapping of the lesions, information about other imaging techniques appropriate for presurgical evaluation of patients, correct principles of medical treatment and management of infertile patients with endometriosis.

The Medical Expert Training is divided into two days:
Day 1 – Theory
Day 2 – Live Surgery including attendance inside the OR
The theoretical part focuses on acquiring full knowledge of the endometriotic disease both from the diagnostic and therapeutic point of view, with particular attention to the evaluation of surgical indications, techniques used, the anatomical basis necessary for optimal treatment, and benefits arising from the use of new hybrid energy devices, as well as the impact of treatment strategies on the reproductive potential of the patient. The second day will be entirely dedicated to the live surgery in the operating room.
Medical Expert Training in Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis

Peer-to-Peer Training and Live-Surgery

Sant’ Orsola- Malpighi Academic Hospital
Bologna, Italy

1.5 days

Prof. Renato Seracchioli
Sant’ Orsola Malpighi Academic Hospital
Bologna, Italy
Director of U.O. Gynecology and Reproductive Pathophysiology

Target Group

- Gynecologists experienced in laparoscopic GYN
- Gynecologists performing/interested in endometriosis

Course Requirements

- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis level

Training Contents

- Ultrasound mapping for endometriosis lesions: Practical tips
- Surgery for ovarian endometriosis: Impact on ovarian reserve
- Non-surgical treatment of endometriosis
- Retroperitoneal pelvic anatomy: What do we need to know for adequate, functional surgery?
- Surgery for deep endometriosis: Tips and tricks
- Complications of endometriosis surgery
- Energy-based Surgery and Vessel Sealing Technology
- Interactive session and discussion of particular cases: What would you do?
- Live surgery with two procedures: Laparoscopic excision of deep endometriosis

Training Concept

Laparoscopic excision of endometriosis is the surgical cornerstone of high quality, multidisciplinary approach to correctly treat the disease. However, it remains one of the most challenging procedures among gynecological surgeries. During surgical treatment of endometriosis, all lesions have to be meticulously and completely removed, with maximum attention for sparing the anatomical and functional integrity of pelvic and reproductive organs. Making use of the available technology and standardizing a surgical method are crucial for improving surgical and functional outcomes of endometriosis surgery. We believe that management of endometriosis is to be performed in dedicated centers, by specialists who have consistent background about the disease nature, its diagnosis and its management. In order to accomplish this, we are organizing several Medical Expert Training (MET) courses, aiming to train and share experiences with our colleagues from different hospitals and countries.

This Medical Expert Training is designed for gynecologists and fertility specialists with major interest in management of endometriosis. The scientific program is established to interactively help participants obtain detailed knowledge of pelvic anatomy, comprehensive skills, tips and tricks required for surgical management of endometriosis. The updated guidelines for diagnosis and non-surgical management of endometriosis will also be discussed. The participating colleagues will be invited to be present in the OR during surgery, to discuss the surgical details and the OR setup with the surgeons and the surgical staff.
Medical Expert Training in Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis

Peer-to-Peer Training and Live-Surgery

Dr. Pere N. Barri-Soldevila
Hospital Universitari Quirón Dexeus
Barcelona, Spain
Chief of Gynecological Surgery

Target Group
- Advanced Gynecology surgeons

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis level

Training Contents
- How to set up a Deep Infiltrating Endometriosis Unit
- The importance of diagnostic workup
- Discussion about indications, the limits of radicalism, functionality and risks
- Bowel endometriosis
- Urinary tract endometriosis
- How to access pelvic space in non-oncologic situations: Tips & tricks for Deep Infiltrating Endometriosis surgery
- Presentation of special video cases and data
- Fertility preservation in endometriosis
- The drawback of unnecessary/incomplete procedures
- Vessel Sealing Technology
- Live surgery with two procedures:
  - Deep Infiltrating Endometriosis

Training Concept
With the evolution of gynecological surgery, the gold-standard approach for most procedures is endoscopically. However, analysing national surveys in most European countries, the rate of minimally invasive approaches in major procedures rarely exceeds 20%. Teaching & Training is needed not only to improve these data, but mainly to standardize the surgical techniques and their outcomes. The use of multipurpose energy devices may help making the learning curve easier and faster.

During the first day of this Medical Expert Training discussions will focus on indications and the tips and tricks of laparoscopic treatment of deep infiltrating endometriosis. Special interest will be given to the diagnostic workup and the fertility preservation. Additionally, special video cases and the faculty’s data will be shared with you. On day two, live surgery will feature two surgical treatments of deep infiltrating endometriosis. You are expected to be in the OR interacting with the surgical team.
Medical Expert Training in Advanced Laparoscopic Colposacropexy and Myomectomy

Peer-to-Peer Training and Live-Surgery

Dr. Pere N. Barri-Soldevila
Hospital Universitari Quirón Dexeus
Barcelona, Spain
Chief of Gynecological Surgery

Target Group

· Advanced Gynecology surgeons

Course Requirements

· Speak, read and write English on a moderate level
· Experienced Advanced Laparoscopic Colposacropexy and Myomectomy level

Training Concept

With the evolution of gynecological surgery, the gold-standard approach for most procedures is the endoscopic one. However, analyzing national surveys in most European countries, the rate of minimally invasive approaches in major procedures rarely exceeds 20%. Teaching & Training is needed not only to improve these data, but mainly to standardize the surgical techniques and their outcomes. The use of multipurpose energy devices may help to make the learning curve easier and faster.

During the first day of this Medical Expert Training discussions will focus on indications and the tips and tricks of Myomectomy and Colposacropexy. Special interest will be given to diagnostic tools available for a correct selection of cases. The faculty will share their approach for organizational needs of a hospital facility to offer cutting-edge, one-stop clinical care to our patients.

On day two, live surgery will feature a Colposacropexy and a Myomectomy. You are expected to be in the OR interacting with the surgical team.

Training Contents

· Management of myoma in women of childbearing age
· Tips and tricks of laparoscopic Myomectomy
· The standardization of Colposacropexy
· Video sessions: hemostasis techniques in Myomectomy, the three types of Colposacropexy (with/without Hysterectomy, vault prolapse repair)
· The importance of accurate and fast diagnostic
· Our one-stop clinic philosophy
· Vessel Sealing Technology
· Guided tour to integral gynecological diagnosis area
· Live surgery with two procedures: Colposacropexy and Myomectomy
Medical Expert Training in Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis

Peer-to-Peer Training and Live-Surgery

Target Group
- Gynecologists experienced in laparoscopic GYN
- Gynecologists performing/interested in endometriosis

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Treatment of Deep Infiltrating Endometriosis level

Training Contents
- Nerve-sparing endometriosis surgery
- Adnexal surgery in deep endometriosis: fertility and ovarian reserve sparing
- Conservative and demolitive treatment for uterine adenomyosis
- Endometriosis of the urinary tract: step by step management
- Endometriosis of posterior compartment: diagnosis, treatment and step by step management
- “Uncommon sites” endometriosis treatment (abdominal wall, groin, diaphragm, pleura, pericardium)
- Vessel Sealing Technology in endometriosis surgery
- Video session
- Live surgery with two/three procedures: Eradication of Deep Infiltrating Endometriosis

Training Concept
The team of the International School of Surgical Anatomy (ISSA), directed by Dr. Marcello Ceccaroni, will be delighted to host you in our center.

This Medical Expert Training course is recommended to gynecologists and reproductive surgeons with a major interest in the surgical management of endometriosis.

The laparoscopic approach to Deep Infiltrating Endometriosis (DIE) is one of the most difficult gynecological procedures. Owing to the pathophysiology of the disease, retroperitoneal fibrosis and alteration of anatomic structures, the surgical approach to endometriosis needs a sophisticated strategy.

In this course, you will have the opportunity to learn a variety of laparoscopic approaches for complete excision of DIE, involving various pelvic organs.

The program of this practical Medical Expert Training is designed to help participants obtain detailed knowledge of pelvic anatomy and comprehensive skills required for the minimally invasive approach to DIE, through practical lectures, video sessions and interactive live surgery. Outstanding specialists will demonstrate the surgical skills, tips and tricks for laparoscopic surgery for endometriosis. Our experienced faculty will carefully instruct you to standardized, step-by-step methods, to enable you to confidently perform laparoscopic DIE surgery in the safest and most efficient way.
Medical Expert Training in Advanced Laparoscopic Abdominopelvic Surgical Anatomy and Techniques

Peer-to-Peer Training and Hands-On Training

Target Group
- Gynecologists experienced in laparoscopic GYN
- Gynecologists interested in deepening their knowledge of surgical anatomy
- Gynecologists interested in deepening their knowledge in the nerve-sparing techniques

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Abdominopelvic Surgical Anatomy and Techniques level

Training Contents
- Anatomy and nomenclature of pelvic fasciae and viscera
- Retroperitoneal anatomy of the female pelvis: What do we need to know for safe gynecological surgery?
- Surgical anatomy of laparoscopic Hysterectomy
- Surgical anatomy of pelvic Lymphadenectomy
- Surgical anatomy of para-aortic Lymphadenectomy
- Surgical anatomy of parametria in relationship to different classes of radical Hysterectomy
- Nerve-sparing surgical approach to deep infiltrating endometriosis with parametrial and rectal resection
- Video keynote dissection on bio lab: Surgical anatomy and laparoscopic approaches to retroperitoneum and pelvic nerves
- Hands-on practical tutorials and training on bio labs

Training Concept
The team of the International School of Surgical Anatomy (ISSA), directed by Dr. Marcello Ceccaroni, will be delighted to share its experiences with you.

This Medical Expert Training course is recommended to gynecologists with a major interest in the surgical management of laparoscopic abdomino-pelvic surgical anatomy and techniques.

The Course combines academics and health-care-system professionals in a joint project for retraining in knowledge and practical skills, which have been adapted to the demands of the highest quality in medicine.

This 2-day intensive and highly interactive course is designed for the gynecologists interested in optimizing strategies, and in advancing their skills to enable the performance of advanced laparoscopic surgeries, in a broad range of gynecologic patients from benign diseases to severe endometriosis and gynecologic malignancies.

A theoretical session will focus on different laparoscopic approaches and techniques for each pathology.

A personalized Hands-on Training on biologic models is proposed to the attendants in order to perform laparoscopic surgical dissections for radical pelvic surgery with high-definition and 3D technology support.
Medical Expert Training in Laparoscopic Hysterectomy

Peer-to-Peer Training, Live Surgery and Hands-On Training

Dr. Andreas Thurkow
Academisch Medisch Centrum
Amsterdam, The Netherlands
Associate Professor

Target Group
- Gynecologists who want to broaden their surgical expertise to laparoscopic Hysterectomy

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Laparoscopic Hysterectomy level

Training Contents
- “Laparoscopic Hysterectomy (TLH and LASH)”
- Latest devices and instruments
- Introduction to the training session with animal models
- Hands-on Training in skills lab
- Live surgery with 2–3 cases: Hysterectomy

Training Concept
The objective of this Medical Expert Training is to understand all aspects of laparoscopic Hysterectomy with the use of the latest energy technology devices.

The participants will get acquainted with the theory of the indications, possibilities, limitations and complications of this technique.

The technique of the procedure will be shown during a live session in a fully integrated operating room. Finally, participants will have the opportunity to practice the various aspects of the surgery in a Hands-on Training session in a wet-lab environment.

The participants will have the chance to attend lectures and video sessions, as well as experience advanced surgical procedures live in the operating room.

The trainees can practice a wide range of procedures in a wet-lab environment and deal with any complications in vivo with great potential for realism. Moreover, the proper handling of the equipment in use will play a role for both imaging and energy devices.
Medical Expert Training in Enucleation and Vaporization of the Prostate with Plasma

Advanced Peer-to-Peer Training and Live-Surgery

Target Group
- Basic (Endo)Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Enucleation and Vaporization of the Prostate with Plasma level

Training Contents
- History of Bipolar
- Bipolar literature overview
- Guidelines in the treatment of Bipolar
- Personalized treatment of BPH with Plasma
- Live surgery
- Enucleation and Vaporization

Training Concept

This Medical Expert Training course focuses on Trans-Urethral Enucleation of the Prostate with Plasma. You will have the opportunity to participate in an advanced training course that is particularly suitable for experienced urologists who want to improve their knowledge about the endourological technique TUEB.

The proven two-day training course concept enables us to communicate theoretical background as well as practical aspects.

On day one, the participants will learn about the development and clinical aspects of Plasma – the gold standard for transurethral resection. Tips and tricks for TUEB – as an exciting alternative to standard Plasma resection – will be discussed. This will be followed by a presentation about what Plasma really is. On day two, live surgery will be the focus. The participants will have the opportunity to join Prof. Rischmann in the operating room, where he will be attending on three live cases.
Medical Expert Training in Advanced Laparoscopic Nephrectomy and Partial Nephrectomy

Advanced Peer-to-Peer Training

Target Group
- Basic and intermediate (Laparoscopic) Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Advanced Laparoscopic Nephrectomy and Partial Nephrectomy level

Training Contents
- Introduction to the environment used in laparoscopic surgery
- Intensive Hands-on Training in an wet-lab environment
- Live operations: Radical Nephrectomy and partial Nephrectomy level

Training Concept
Laparoscopic surgery was initially used as an ablative tool, especially in the treatment of benign diseases. Technical advances and improved surgical skills now allow it to be applied to malignant diseases and cases that require complex reconstruction. Improvements in urologists’ laparoscopic skills have paved the way for the establishment of laparoscopic reconstructive urology in everyday practice. Since its introduction, laparoscopic Nephrectomy has evolved to become an established surgical procedure worldwide and is a standard procedure at high-volume centers such as the University of Leipzig. Based on a highly standardized technique, this concept offers a short learning curve and makes it possible to start with this complex procedure as a beginner in laparoscopy and/or without experience in open pelvic surgery.

This Medical Expert Training provides training models that are highly applicable to real life. This model in particular provides a wide range of training applications. The anatomy of the model is comparable to that of a human being and thus constitutes a very useful ‘living model’ for improving laparoscopic skills. The trainees can practise a wide range of procedures and deal with the resulting complications in vivo. This enables the mastering of dissection and hemostatic techniques in pulsating tissue.

- Dissection techniques
- Lymphadenectomy
- Nephrectomy
- Suturing techniques
- And others

This Medical Expert Training includes practical instruction, operations on living models under the direction of the course faculty and live interactive sessions. This intensive course is designed for urologists who already have experience in Laparoscopy.
Medical Expert Training in Basic and Advanced Techniques in Laparoscopic Urology – EERPE

Advanced Peer-to-Peer Training

Target Group
- Basic and intermediate (Laparoscopic) Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Basic and Advanced Techniques in Laparoscopic Urology – EERPE level

Training Contents
- Introduction to the environment used in laparoscopic surgery
- Intensive Hands-on Training in an wet-lab environment
- Live operations: Radical Prostatectomy
- Lecture
- Intensive Hands-on Training in an wet-lab environment

Training Concept
Laparoscopic surgery was initially used as an ablative tool, especially in the treatment of benign diseases. Technical advances and improved surgical skills now allow it to be applied to malignant diseases and cases that require complex reconstruction. Improvements in urologists’ laparoscopic skills have paved the way for the establishment of laparoscopic reconstructive Urology in everyday practice. The technique of nerve-sparing endoscopic extraperitoneal radical prostatectomy (nsEERPE) has become a standard procedure at high-volume centers such as the University of Leipzig, where more than 4,000 EERPEs have been performed to date. Based on a modular surgical training system, this procedure has been divided into various levels of complexity. Based on a highly standardized technique, this concept offers a short learning curve and makes it possible to start with this complex procedure as a beginner in Laparoscopy and/or without experience in open pelvic surgery.

This Medical Expert Training provides training models that are highly applicable to real life. This model in particular provides a wide range of training applications. The anatomy of the model is comparable to that of a human being and thus constitutes a very useful ‘living model’ for improving laparoscopic skills. The trainees can practice a wide range of procedures and deal with the resulting complications in vivo. This enables the mastering of dissection and hemostatic techniques in pulsating tissue.

Unterstützt der Universität Leipzig

Germany

2.5 days

Prof. Jens-Uwe Stolzenburg (Course Director)
Dr. Minh Do
Dr. Anja Dietel

For dates & places please contact your local Sales Representative

Dates are subject to change, please check and register online:

register online here

Prof. Jens-Uwe Stolzenburg
FRCS (Ed), FRCS (Eng), FRCS (Glasg)
Professor and Chairman, Department of Urology
Head of the International Training Center for Urologic Laparoscopy

Confidential Information
Medical Expert Training in NMIBC Management Bipolar TUR-BT & NBI

Advanced Peer-to-Peer Training and Live-Surgery

Target Group
- Basic Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced NMIBC Management Bipolar TUR-BT & NBI level

Training Contents
- Update in the management of non-muscle invasive bladder cancer
- NBI technology
- Monopolar vs bipolar TURBT
- TURBT with NBI: tips and tricks
- Management of complications in TURBT
- TURBT in special situations: diverticulum, papillomatosis, prostatic urethra
- Live surgery
- Transurethral resection of bladder cancer (TUR, En Bloc resection)

Training Concept
The challenge in NMIBC management: Reviewing the literature; 50–70 % of NMIBC patients suffer from recurrences after the initial treatment in form of superficial tumors. Missing small papillary tumors or CIS is an acknowledged risk, at an estimated rate of 10–20 %. Identifying these structures – especially small tumors under white light conditions – is possible, but could be improved. This is what this course is about.

As the unique Olympus HD-NBI technology has proven in clinical studies to be superior to white light in detection as well as that it reduces the recurrence risk by at least 10 %, it is attractive to learn more about this technology in practical use\(^1\). Therefore latest tips and tricks for bipolar TURBT resection and HD-NBI assisted follow-up Cystoscopy will be presented in lectures and live cases along with an update on current trends in TUR-BT management such as tumor en bloc resection.

The main idea for these advanced courses is a peer-to-peer concept. This means keeping the number of participants very low in order to further increase the level of interaction. Having only six participants allows you to join Prof. Palou and Dr. Gaya directly in the OR during the procedures as opposed to watching live surgery in lecture rooms. Being in the OR facilitates gives you the opportunity to observe the doctors, their operating room setup and the equipment they use. Also you have the chance to ask all your questions immediately. This is particularly attractive in this course as it takes place in one of Europe’s leading centers for Urology where state-of-the-art equipment and facilities are available.

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\(^1\) Cauberg et al., Narrow Band Imaging Cystoscopy Improves the Detection of Non-Muscle-Invasive Bladder Cancer, Urology 2010; 76:658–663

\(^2\) Naselli et al., A Randomized Prospective Trial to Assess the Impact of Transurethral Resection in Narrow Band Imaging Modality on Non-Muscle-Invasive Bladder Cancer Recurrence, European Urology 2012; 61:908–913
Medical Expert Training for Plasma Enucleation of the Prostate

Advanced Peer-to-Peer Training and Live-Surgery

Dr. Jörg Raßler
St. Elisabeth-Krankenhaus
Leipzig, Germany
Head of Urology

Target Group
· Advanced Urology doctors

Course Requirements
· Speak, read and write English on a moderate level
· Experienced Plasma Enucleation of the Prostate level

Training Contents
· TURis
· TUEB – Transurethral Enucleation with Bipolar
· What is Plasma?
· Case presentation for live surgery
· Live surgery:
  · Three TUEB cases
  · One TUR-B cases

Training Concept

During this Medical Expert Training, you will have the opportunity to participate in an advanced training course that is particularly suitable for experienced urologists who want to improve their knowledge about the endourological technique TUEB. The methodology and content of this international course are based on more than 30 successfully conducted national and international events. The proven two-day training course concept enables us to communicate theoretical background as well as practical aspects.

On day one, the participants will learn about the development and clinical aspects of TURis – the gold standard for transurethral resection. Tips and tricks for TUEB – as an exciting alternative to standard TURis – will be discussed. This will be followed by a presentation about what Plasma really is. On day two, live surgery will be the focus. The participants will have the opportunity to join Dr. Raßler in the fully integrated EndoAlpha operating room, where he will be attending on three to four live cases.
Medical Expert Training in Techniques in Flexible Ureterorenoscopy and PCNL

Advanced Peer-to-Peer Training and Live-Surgery

Target Group
- Basic, intermediate, advanced Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Techniques in Flexible Ureterorenoscopy and PCNL level

Training Contents
- NBI for conservative treatment for Upper Tract
- Urothelial carcinoma
- Armamentarium in Endourology
- Supine PCNL & ECIRS
- Live surgery: Flexible Ureteroscopy & PCNL for Stone Treatment and Upper-Tract Cancer Management

Training Concept
Ureteroscopy as well as percutaneous Nephrolithotomy are common procedures for treating ureter and kidney stones. Following the recent EAU guidelines, flexible URS in particular is an upcoming treatment for nearly every type of stone with regard to size and location.

Therefore, this 1.5-day Medical Expert Trainings offers theoretical education as well as peer-to-peer live surgery with true experts to support and further strengthen your skills for your daily stone management cases.

The main idea of these course is a peer-to-peer concept. This means keeping the number of participants low in order to further increase the quality of the course. You will have the chance to learn about the latest tips and tricks as well as clinical study updates on flexible Ureteroscopy, PCNL and laser lithotripsy.
Medical Expert Training in Nonmuscle Invasive Bladder Cancer Management – Advances in EN-BLOC Resection and Narrow Band Imaging

Advanced Peer-to-Peer Training and Live-Surgery

Target Group
- Advanced Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced Nonmuscle Invasive Bladder Cancer Management – Advances in EN-BLOC Resection and Narrow Band Imaging level

Training Contents
- NBI technology
- Update on NMIBC management
- The value of advanced imaging such as HD-NBI in TUR-BT and Follow-up Cystoscopy
- Case presentation
- Visitation of the Urology and CDS department
- Live surgery
- HD-NBI assisted TUR-BT resection

Training Concept
The challenge in NMIBC management: Reviewing the literature; 50–70% of NMIBC patients suffer from recurrences after the initial treatment in form of superficial tumors. Missing small papillary tumors or CIS is an acknowledged risk, at an estimated rate of 10–20%. Identifying these structures – especially small tumors under white light conditions is possible, but could be improved. This is what this course is about.

As the unique Olympus HD-NBI technology has proven in clinical studies to be superior to white light in detection as well as that it reduces the recurrence risk by at least 10%, it is attractive to learn more about this technology in practical use. Therefore latest tips and tricks for bipolar TURBT resection and HD-NBI assisted follow-up Cystoscopy will be presented in lectures and live cases along with an update on current trends in TUR-BT management such as tumor enucleation.

The main idea for this advanced course is a peer-to-peer concept. This means keeping the number of participants very low in order to further increase the level of interaction. Having only eight participants allows you to join Prof. Malavaud directly in the OR during the procedures as opposed to watching live surgery in lecture rooms. Being in the OR facilitates observing the doctors, their operating room setup, and the equipment they use and it also allows you to ask questions immediately. This is particularly attractive in this course as it takes place in the just recently opened and dedicated cancer centre IUCT Oncopole Toulouse where state-of-the-art equipment and facilities are available.

1 Cauberg et al., Narrow Band Imaging Cystoscopy Improves the Detection of Non-Muscle-Invasive Bladder Cancer, Urology 2010; 76:658–663
2 Naselli et al., A Randomized Prospective Trial to Assess the Impact of Transurethral Resection in Narrow Band Imaging Modality on Non-Muscle-Invasive Bladder Cancer Recurrence, European Urology 2012; 61:908–913
Medical Expert Training in Hemostasis and 3D in Partial Nephrectomy

Advanced Peer-to-Peer Training

Target Group
- Basic, Intermediate Urology doctors

Course Requirements
- Speak, read and write English on a moderate level
- Experienced in Hemostasis and 3D in Partial Nephrectomy level

Training Contents
- Innovations in Imaging Technology
- Innovations in tissue management
- 3D Prostatectomy
- Introduction to the training model
- Simulating major procedure steps in the training model

Training Concept
Rapid growth in the surgical treatment of medical diseases makes ongoing education of surgeons essential. New techniques can help to make surgery safer and more efficient at the same time. Especially in one of the core surgical tasks – cutting and coagulating tissue and/or major vessels – huge steps in technological development have been achieved in recent years.

To fully benefit from new possibilities, a profound understanding of the technology, the process of Vessel Sealing and practical training on living tissue are essential. The combination of advanced energy solutions and the next generation of laparoscopic imaging can lead to the safer and more efficient treatment of patients. This course will give participants an overview of what is possible today and explain, in combination with practical training, how to get the best clinical results out of today’s energy technologies for hemostasis.

We combine state-of-the-art laparoscopic technology, including 3D vision to help participants appreciate the logistics of successful laparoscopic surgery. We take participants through key steps of upper and lower tract surgery and deliver training using live porcine model that aims to replicate real surgery. This includes appreciation of anatomy, tissue handling and dissection, hemostasis and suturing. In essence, participants gain theoretical and practical, Hands-on Training to embark confidently on their laparoscopic practice.
Medical Expert Training in 3D Nephrectomy

Advanced Peer-to-Peer Training

Target Group
· Basic, intermediate and advanced Urology doctors

Course Requirements
· Speak, read and write English on a moderate level
· Experienced 3D Nephrectomy level

Training Contents
· Clinical concept and procedures in 3D
· Latest technologies in 3D and hemostasis
· Live surgery (two renal surgeries)

Training Concept
Rapid growth in the surgical treatment of medical diseases makes ongoing education of surgeons essential. New techniques can help to make surgery safer and more efficient at the same time. Especially in the core surgical tasks – imaging and hemostasis – huge steps in technological development have been achieved in recent years.

This course will give participants an overview of what is possible today and explain, in combination with live surgery, how to get the best clinical results out of today’s technologies for imaging and hemostasis.

This 1.5-day Medical Expert Training focuses on the latest HD vision including cutting edge 3D imaging combined with the energy-driven hemostasis technologies and their successful application in laparoscopic and open surgery.

Live surgery directly in the OR is the focus of the second day of this Medical Expert Training.