13 - 15 June 2019, Potsdam

6th International Uniportal VATS Course - Live Surgery, Drylab and Wetlab

“Troubleshooting”

Department of Thoracic Surgery
Klinikum Ernst von Bergmann
Potsdam, Germany

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- Subcostal

Photo courtesy of Dr. Gonzalez-Rivas

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Welcome to the “6th International Uniportal VATS Course - Live Surgery, Drylab and Wetlab”. This is a three-day-masterclass symposium under scientific leadership of the Ernst von Bergmann Academic Hospital of the Humboldt-University Berlin Charité in Potsdam, Germany together with the University Hospital Charité in Berlin, Germany, the University Hospital in Coruña, Spain and the Shanghai Pulmonary Hospital, Tongji University Shanghai, China.

The first masterclass course took place in the year 2014 and has become the traditional course where all experts in the field of uniportal VATS meet and exchange their experiences with participants from all over the world. The course is now well established and provides training at the highest level. Our goal is to promote a non-dogmatic learning environment that brings together people from different centers and schools of thoracic surgery from all around the globe.

Whether you are an experienced surgeon or still in training, this course will deepen your knowledge in uniportal VATS.

This symposium will take place in Potsdam and will address “Troubleshooting” in uniportal VATS through lectures, discussions and video sessions on the first day. The first part of the second day will include Live Surgery of major pulmonary resections via uniportal VATS, and the second part will be a drylab (Lung model, ENB and Robotics). The third day of this symposium is a Hands-on class (Wetlab, Sheep-Model) for a limited group.

We look forward to your participation!

Mahmoud Ismail
Course Director

Diego Gonzalez-Rivas
Course Director
MEDITRONIC LUNG HEALTH SOLUTION FROM EARLY DIAGNOSIS TO MINIMALLY INVASIVE THERAPY

DISEASE STATE MANAGEMENT TOGETHER, WE DEVELOP A COMPREHENSIVE LUNG CANCER PROGRAM FROM DIAGNOSTIC TO THERAPEUTIC CONCEPTS.

Join our ENB Workshop:

»FROM DIAGNOSIS TO THERAPY«
Friday, 14th June 2019 | 13:00 - 17:30 Uhr
### June 13th, 2019 - UNIPORTAL VATS - Lectures

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08.00 - 8.45</td>
<td>Registration and Coffee</td>
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</tbody>
</table>
| 08.45 - 9.00 | Welcome and Introduction  
Mahmoud Ismail and Diego Gonzalez-Rivas  
Klinikum Ernst von Bergmann, Potsdam, Germany |
| 09.00 - 09.10 | Uniportal VATS - Update from the ESTS and Results of the first Delphi  
Gaetano Rocco / Luca Bertolaccini |
| 09.10 - 09.20 | Evidence of uVATS: A review of the literature  
Alan Sihoe |
| 09.20 - 09.30 | Research and development of Anti-Cancer Antibody  
Timothy Yang |
| 09.30 - 09.40 | Recent improvements in SBRT. Combine with or replace VATS?  
Harun Badakhshi |
| 09.40 - 10.05 | Discussion |
| 10.05 - 10.25 | Coffee Break |

**Session 1 – Uniportal VATS update**

**Moderators: Diego Gonzalez Rivas, Mahmoud Ismail**

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| 09.30 - 09.40 | Recent improvements in SBRT. Combine with or replace VATS?  
Harun Badakhshi |
| 09.40 - 10.05 | Discussion |

**Session 2 - Troubleshooting uVATS Setup**

**Moderators: Alan Sihoe, Ricardo Fernandez**

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<thead>
<tr>
<th>Time</th>
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</table>
| 10.25 - 10.35 | Starting a uVATS program  
Mahmoud Ismail |
| 10.35 - 10.45 | Common mistakes during the learning curve of uVATS  
Hasan Batirel |
10.45 - 10.55  Common misconceptions with ERAS for uVATS
Marco Scarci

10.55 - 11.05  Common mistakes in uVATS Preparation: OR setup, Instruments & Incision
Dania Nachira

11.05 - 11.15  "I can't find it!" - How to avoid failures to detect lesions intra-operatively
Yuming Zhu

11.15 - 11.40  Discussion

11.40 - 12.00  Coffee Break & Exhibition

**Session 3 – Troubleshooting uVATS Lung Resections**

**Moderators:** Frederic De Ryck, Luis Hernandez

12.00 - 12.10  Troubleshooting uVATS Lobectomy
Peter Licht

12.10 - 12.20  Common problems with uVATS Segmentectomy
Vadim Pischik

12.20 - 12.30  Troubleshooting uVATS Lymphadenectomy
Diego Gonzalez Rivas

12.30 - 12.40  Troubleshooting uVATS in Pediatric Patients
Firas Abu Akar

12.40 - 13.00  Discussion

13.00 - 14.00  Lunch & Exhibition

**Session 4 - Troubleshooting Robotic vs uVATS**

**Moderators:** Marco Scarci, Yuming Zhu
14.00 - 14.10  Robotic vs uVATS for major lung resections
Franca Melfi

14.10 - 14.20  Common pitfalls and difficulties with robotic Thymectomy
Jens C. Rückert

14.20 - 14.30  Robotic vs uVATS lymphadenectomy
Mahmoud Ismail

14.30 - 14.40  SP robotic surgery. Is it the future of thoracic surgery?
Diego Gonzalez Rivas

14.40 - 14.50  Building a thoracic robotic program: a US perspective
Daniel Oh

14.50 - 15.10  Discussion

Session 5 – Video session: What can I do better next time?

Moderators: Diego Gonzalez Rivas, Mahmoud Ismail
5min video and 5 min discussion

15.10 - 15.20  uVATS for Hydate Cysts
Firas Abu Akar

15.20 - 15.30  uVATS right pneumonectomy: Solving the complication
Luis Hernandez

15.30 - 15.40  uVATS lower bilobectomy sleeve
Marc Swierzy

15.40 - 15.50  uVATS with Magnets
Gustavo Bondulich

15.50 - 16.00  uVATS for Infant
Firas Abu Akar

16.00 - 16.20  Coffee Break & Exhibition
Session 6 – Troubleshooting Advanced uVATS Techniques

Moderators: Franca Melfi, Vadim Pischik

16.20 - 16.30 Troubleshooting uVATS Subxiphoid
Diego Gonzalez Rivas

16.30 - 16.40 Troubleshooting uVATS Transcervical
Marcin Zielinski

16.40 - 16.50 Common problems with uVATS Sleeve Resections
Dmitrii Sekhniaidze

16.50 - 17.00 Common complications after uVATS and how to handle them
Stefano Margaritora

17.00 - 17.10 Common mistakes when writing Papers and Abstracts on uVATS
Alan Sihoe

17.10 - 17.20 "Help!" - What to do in case of Bleeding
Yuming Zhu

17.20 - 17.50 Discussion

17.50 - 18.00 Closing Remarks and Thanks

18.00 - 18.30 Meet and discuss with the Experts

18.30 - 23.00 Gala Dinner at Villa Bergmann (included in course fee)

June 14th, 2019 – Live Surgery

8.00 - 12.30 Live Surgery: Uniportal VATS Major Pulmonary Resections

08.00 - 08.15 Welcome and Introduction

08.15 - 10.00 Case 1: Uniportal Segmentectomy / Lobectomy / Sleeve
(Diego Gonzalez Rivas, Mahmoud Ismail)
10.30 - 12.30  
**Case 2: Uniportal Segmentectomy / Lobectomy / Sleeve**  
(Mahmoud Ismail, Diego Gonzalez Rivas)  
Moderators: Jens C. Rückert, Stefano Margaritora, Franca Melfi

12.30-13.30  
**Lunch & Exhibition**

13.30 - 17.30  
**Session 1: Non-edited Videos**  
Moderators: Peter Licht, Vadim Pischik, Jens C. Rückert, Marcin Zielinski, Diego Gonzalez Rivas, Mahmoud Ismail

13.30 - 17.30  
**Session 2: ENB from Diagnosis to Therapy Dry Lab**  
Electromagnetic Navigation Bronchoscopy, Simulator & lung model  
Moderators: Julianna Englisch, Mahmoud Ismail, Luca Bertolaccini, Hasan Batirel, Alan Sihoe, Harun Badahkshi, Luis Hernandez, Ricardo Fernandet

13.30 - 17.30  
**Session 3: Lung model Dry Lab**  
Simulator & lung model  
Moderators: Dania Nachira, Dmitrii Sekhniaidze, Mahmoud Ismail, Marco Scarci, Firas Abu Akar

13.30 - 17.30  
**Session 4: Robotic Dry Lab**  
Moderators: Marc Swierzynski, Jens Rückert, Franca Melfi, Mahmoud Ismail, Daniel Oh
Only for Wetlab Participants

**June 15\(^{th}\), 2019 - Wetlab (11 Tables for 22 Participants)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Facilitators</th>
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<tbody>
<tr>
<td>08.30</td>
<td>Introduction to Wetlab.</td>
<td>Heiko Ziervogel, Alberto Centeno Cortes, Diego Gonzalez Rivas, Mahmoud Ismail</td>
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<tr>
<td>09.00</td>
<td>Video: Left Upper Lobectomy (Animal Model)</td>
<td>Diego Gonzalez Rivas, Mahmoud Ismail</td>
</tr>
<tr>
<td>09.15</td>
<td>Practice in Animal model (Uniportal Left Upper Lobectomy)</td>
<td>All Faculty</td>
</tr>
<tr>
<td>11.00</td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td>11.15</td>
<td>Video: Left Lower Lobectomy (Animal Model)</td>
<td>All Faculty</td>
</tr>
<tr>
<td>11.30</td>
<td>Practice in Animal Model (Uniportal Left Lower Lobectomy)</td>
<td>All Faculty</td>
</tr>
<tr>
<td>13.00</td>
<td><strong>Lunch</strong></td>
<td></td>
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<tr>
<td>14.00</td>
<td>Video: Right Upper and Lower Lobectomy (Animal Model)</td>
<td>All Faculty</td>
</tr>
<tr>
<td>14.15</td>
<td>Practice in Animal Model (Uniportal Right Upper Lobectomy)</td>
<td>All Faculty</td>
</tr>
<tr>
<td>16.15</td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td>16.30</td>
<td>Right Lower Lobectomy. Segmentectomy. Lung Suture. Bronchial Resection and Anastomosis.</td>
<td>All Faculty</td>
</tr>
<tr>
<td>18.00</td>
<td><strong>Closing Remarks</strong></td>
<td></td>
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</tbody>
</table>
Course directors

Mahmoud Ismail, Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Academic Hospital of the Charité – Universitätsmedizin, Humboldt University Berlin, Potsdam, Germany

Diego Gonzalez Rivas, Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Academic Hospital of the Charité – Universitätsmedizin, Humboldt University Berlin, Potsdam, Germany, Shanghai Pulmonary Hospital, Tongji University Shanghai, China and Minimally Invasive Thoracic Surgery Unit (UCTMI), Coruña, Spain

Guest Co-director

Jens C. Rückert, Competence Center of Thoracic Surgical, Charité - Universitätsmedizin Berlin, Germany

Gening Jiang, Shanghai Pulmonary Hospital, Tongji University Shanghai, China

Faculty / Speakers

Firas Abu Akar, Thoracic Surgery, Shaare Zedek Medical Center, Jerusalem - Israel and Al-Makassed Charitable Hospital, East Jerusalem

Harun Badakhshi, Clinic for Radiooncology and Radiation Therapy, Brachytherapy, Klinikum Ernst von Bergmann, Potsdam, Germany

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Frederic De Ryck, Department of Thoracic & Vascular Surgery, University Hospital Ghent, Belgium

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Stefano Margaritora, Department of General Thoracic Surgery, Catholic University of the Sacred Heart, “A. Gemelli” University Polyclinic Rome, Italy

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Marco Scarci, Department of Thoracic Surgery, San Gerardo Hospital Monza, Italy

Dmitrii Sekhniaidze, Department of Thoracic Surgery, Regional Oncological Center, Tyumen, Russian Federation

Alan Sihoe, , Thoracic Surgery Gleneagles, Hong Kong Hospital, The University of Hong Kong, China

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Shanghai Pulmonary Hospital, Tongji University, Shanghai, China

Minimally Invasive Thoracic Surgery Unit (UCTMI), University Hospital, Coruña, Spain

Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Potsdam, Germany
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VENUE - DAY 1 & 2

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http://villa-bergmann.de/

public transport:
From Berlin take the Regional train „RE1“ towards Brandenburg Hbf" | "Magdeburg Hbf" or the S-train line 1 or 7 towards Potsdam Hbf, get off at station: "Potsdam Hauptbahnhof"
From here: Tram 93: towards "Glienicker Brücke", get off at the stop: "Ludwig-

VENUE - DAY 3 for Wetlab-Participants only

Medizin im Grünen
Wendisch-Rietz - transfer included

Medical Center of Excellence
Ulmenstraße 12 | 15864 Wendisch Rietz
www.medizin-im-gruenen.de

Shuttle-bus to the wetlab on day 3, June 16th, 2018
Meeting point: NH Potsdam Hotel (former NH Voltaire Potsdam)
Friedrich-Ebert-Straße 88, 14467 Potsdam, Germany
Tel: +49 30 2238 0233

The bus departs at 7.00 a.m.. Please be there on time.
The two-day course is awarded by the Landesärztekammer Brandenburg with 19 CME-points. The third day is awarded by the Landesärztekammer Brandenburg with an additional 12 CME-points. This course is assessed by the EthicalMedTech - CVS as compliant. This course is endorsed by the European Society of Thoracic Surgeons (ESTS).

Full course: 14. - 16.06.2018 (only 20 places available)
Lectures, live surgery and wetlab
Course fee: 1.600,- €

Two-day course: 14. & 15.06.2018
Lectures and live surgery
Course fee: 500,- € (for medical residents 350,-€)

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