



June 30th- July 2nd 2022, Potsdam

**7th International Uniportal VATS Course -
Live Surgery, Drylab and Wetlab**

“Limitless Potential in Thoracic Surgery”

Department of Thoracic Surgery
Klinikum Ernst von Bergmann
Potsdam, Germany



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Welcome to the “7th International Uniportal VATS Course - Live Surgery, Drylab and Wetlab”. This is a three-day-masterclass symposium under scientific leadership of the Klinikum Ernst von Bergmann, Health and Medical University 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 “Limitless Uniportal VATS Course” 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 and ENB). 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

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June 30th, 2022 - UNIPORTAL VATS - Lectures

- 08:00 - 09:00 Registration and Coffee
- 09:00 - 09:15 Welcome and Introduction
Mahmoud Ismail and Diego Gonzalez Rivas

Session 1 - What's New in Oncology

Moderators: Diego Gonzalez Rivas, Mahmoud Ismail

- 09:15 - 09:30 TNM Classification: Anything still missing?
Ramon Rami-Porta
- 09:30 - 09:45 Clinical Oncology: TKI & Immunotherapy for surgical patients
Hauke Winter
- 09:45 - 10:00 The neoadjuvant and adjuvant debate: how uniportal makes the difference
Alan Sihoe
- 10:00 - 10:15 Lung Cancer Screening: current status, future plans
Ramon Rami-Porta
- 10:15 - 10:30 Discussion
- 10:30 - 10:45 Coffee Break**

Session 2 - Uniportal VATS Setup

Moderators: Luis Hernandez, Hauke Winter

- 10:45 - 11:00 What Technological Developments mean for Uniportal Surgeons
Alan Sihoe
- 11:00 - 11:15 Streamlining the Clinical Pathway for U-VATS
Dania Nachira
- 11:15 - 11:30 How to tailor Non-Intubated procedure for U-VATS
Shuben Li
- 11:30 - 11:45 How to deal with postoperative complications after U-VATS
Stefano Margaritora

6 PROGRAM

- 11:45 - 12:00 Adapting U-VATS in high volume centers
Timothy Yang
- 12:00 - 12:15 Discussion
- 12:15 - 13:15 Lunch & Exhibition**

Session 3 – Innovative Techniques: VATS and RATS

Moderators: William Guido, Mahmoud Ismail

- 13:15 - 13:30 U-VATS Subxiphoid
Diego Gonzalez Rivas
- 13:30 - 13:45 TEMPLA and Transcervical U-VATS
Marcin Zielinski
- 13:45 - 14:00 VAMLA then U-VATS
Martin Hürtgen
- 14:00 - 14:15 Complex Mediastinal Robotic Procedures
Jens C. Rückert
- 14:15 - 14:30 Future of Uniportal Thoracic Surgery, Next Step?
Diego Gonzalez Rivas
- 14:30 - 14:45 Discussion
- 14:45 - 15:00 Coffee Break**

Session 4 - Advanced Techniques - showing the way or showing off?

Moderators: Hasan Batirel, Marcin Zielinski

- 15:00 - 15:15 Complex Segmentectomies
Yuming Zhu
- 15:15 - 15:30 Complex Lobectomies
Diego Gonzalez Rivas
- 15:30 - 15:45 MLD: how complex could it be?
Diego Gonzalez Rivas

- 15:45 - 16:00 Advanced procedures: Pneumonectomy
Vadim Pischik
- 16:00 - 16:15 Non-Intubated Tracheal Resections by VATS
Shuben Li
- 16:15 - 16:30 Discussion
- 16:30 - 16:45 Coffee Break**

Session 5 – Tips and Tricks for complex U-VATS Procedures

Moderators: **Ricardo Fernández Prado, Eric De Loos**

- 16:45 - 17:00 How to do a Vascular Sleeve
Diego Gonzalez Rivas
- 17:00 - 17:15 U-VATS - Anomalies and out of ordinary in the Chest Cavity
Hasan Batirel
- 17:15 - 17:30 U-VATS after chemoimmunotherapy for stage IIIa/IIIb lung cancer
Dmitrii Sekhniadze
- 17:30 - 17:45 U-VATS and ENB for GGOs
Mahmoud Ismail
- 17:45 - 18:00 Non-Pulmonary U-VATS procedures
Firas Abu Akar
- 18:00 - 18:15 U-VATS for inflammatory diseases
Souheil Boubia
- 18:15 - 18:30 Discussion

Session 6 – Closing Lecture

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

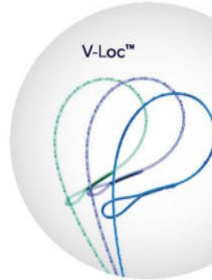
- 18:30 - 18:45 UVIG consensus, present and future plans
Gaetano Rocco
- 18:45 - 18:55 Closing Remarks and Thanks**
- 18:55 - 19:15 Meet and discuss with the experts**
- 19:15 - 21:30 Persian Dinner Buffet for all (included in course fee)**

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July 1st, 2022 – Live Surgery**8:00 - 12:45 Live Surgery: Uniportal VATS Major Pulmonary Resections**

- 08:00 - 10:00 **Case 1: Uniportal Segmentectomy**
(Diego Gonzalez Rivas, Mahmoud Ismail)
Moderators: Stefano Margaritora, Jens C. Rückert
- 10:00 - 10:15 Wetlab: benefits for uniportal surgeons
- 10:15 - 10:45 Coffee Break**
- 10:45 - 12:45 **Case 2: Uniportal Lobectomy**
(Mahmoud Ismail, Diego Gonzalez Rivas)
Moderators: Hasan Batirel, Martin Hürtgen
- 12:45 - 13:45 Lunch & Exhibition**
- 13:45 - 17:30 Drylab and Non-Edited Videos**
- 13:45 - 17:30 **Session 1: Non-edited Videos**
Moderators: Firas Abu Akar, Souheil Boubia, Diego Gonzalez Rivas, Mahmoud Ismail, Jens C. Rückert, Marcin Zielinski
- 13:45 - 17:30 **Session 2: ENB from Diagnosis to Therapy Dry Lab**
Electromagnetic Navigation Bronchoscopy,
Simulator & lung model
Moderators: Dany Balke, Luis Hernandez, Mahmoud Ismail,
Marc Swierzy
- 13:45 - 17:30 **Session 3: Lung model Dry Lab**
Stupnik Simulator & NEW WAVE System
Moderators: Firas Abu Akar, Ricardo Fernández Prado,
William Guido, Mahmoud Ismail, Eric De Loos, Dania Nachira



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Only for Wetlab Participants

July 2nd, 2022 - Wetlab (11 Tables for 22 Participants)

08:30 - 9:00	Introduction to Wetlab. Heiko Ziervogel, Alberto Centeno-Cortés, Diego Gonzalez Rivas, Mahmoud Ismail
09:00 - 9:15	Video: Left Upper Lobectomy (Animal Model) Diego Gonzalez Rivas, Mahmoud Ismail
09:15 - 9:30	Devices Instruction
09:30 - 11:15	Practice in animal model (Uniportal Left Upper Lobectomy) All Faculty
11:15 - 11:30	Coffee Break
11:30 - 11:45	Video: Left Lower Lobectomy (Animal Model) All Faculty
11:45 - 13:15	Practice in Animal Model (Uniportal Left Lower Lobectomy) All Faculty
13:15 - 14:15	Lunch
14:15 - 14:30	Video: Right Upper and Lower Lobectomy (Animal Model) All Faculty
14:30 - 16:30	Practice in Animal Model (Uniportal Right Upper Lobectomy) All Faculty
16:30 - 16:45	Coffee Break
16:45 - 18:15	Right Lower Lobectomy. Segmentectomy. Lung Suture. Bronchial Resection and Anastomosis. All Faculty
18:15 - 18:30	Closing Remarks

Course Directors

Mahmoud Ismail, Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Potsdam, Germany

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

Guest Co-Directors

Jens C. Rückert, Competence Center for Thoracic Surgery, Charité - Universitätsmedizin Berlin, Germany

Yuming Zhu, Department of Thoracic Surgery, Shanghai Pulmonary Hospital, Tongji University Shanghai, China

Honorary Co-Director

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

Faculty / Speakers

Firas Abu Akar, Thoracic Surgery Unit, Edith Wolfson Medical Center, Holon, Tel Aviv, Israel, and Makassed Islamic Charitable Society Hospital, East Jerusalem

Dany Balke, Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Potsdam, Germany

Hasan Batirel, Department of Thoracic Surgery, Faculty of Medicine, Marmara University, Turkey

Souheil Boubia, Thoracic Surgery Service, Centre Hospitalier Universitaire Ibn Rochd, Casablanca, Morocco

Ricardo Fernández Prado, Thoracic Surgery, Hospital Quirónsalud A Coruña, Spain

William Guido, Department of Thoracic Surgery, Hospital Rafael Ángel Calderón Guardia, San José, Costa Rica

Luis Hernandez, Cardiothoracic Surgery, University Hospital Birmingham NHS Foundation Trust, Birmingham, UK

Martin Hürtgen, Department of Thoracic Surgery, Catholic Hospital Koblenz, Germany

Shuben Li, Department of Thoracic Surgery, the First Affiliated Hospital of Guangzhou Medical University, Guangdong, China

Erik de Loos, Zuyderland medical center, department of surgery, Netherlands

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

Dania Nachira, Department of General Thoracic Surgery, Catholic University of the Sacred Heart, "A. Gemelli" University Polyclinic Rome, Italy

Vadim Pischik, Thoracic Surgery Department. Saint Petersburg State University Hospital, Saint Petersburg, Russian Federation

Ramon Rami-Porta, Department of Thoracic Surgery, Hospital Universitari Mútua Terrassa, Barcelona, Spain

Gaetano Rocco, Thoracic Surgery - Memorial Sloan Kettering Cancer Center, NY, USA

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

Alan Sihoe, Thoracic Surgery, The University of Hong Kong, China and HKU Shenzhen Hospital, Shenzhen, China

Marc Swierzy, Department of Thoracic Surgery, Klinikum Ernst von Bergmann, Potsdam, Germany

Hauke Winter, Department of Thoracic Surgery, Universitätsklinikum Heidelberg, Germany

Timothy Yang, Department of Thoracic Surgery, Shanghai Pulmonary Hospital, Tongji University Shanghai, China

Marcin Zielinski, Department of Thoracic Surgery, Pulmonary Hospital, Zakopane, China

Scientific Cooperation Partner:



CharitéCentrum für Chirurgische Medizin

Competence Center for Thoracic Surgery, Charité -
Universitätsmedizin Berlin,
Germany



Shanghai Pulmonary Hospital,
Tongji University, Shanghai,
China



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



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Klinikum Ernst von Bergmann
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VENUE - DAY 1 & 2

Villa Bergmann | Conference Center
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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-Richter-Straße"



VENUE - DAY 3 for Wetlab-Participants only

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Shuttle-bus to the wetlab on day 3, **July 2nd, 2022**

Meeting point: NH Potsdam Hotel
Friedrich-Ebert-Straße 88, 14467 Potsdam Tel: +49 331 23170

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) and the Deutsche Gesellschaft für Thoraxchirurgie (DGT).

Full course: 30.06. - 02.07.2022 (only 22 places available)
Lectures, live surgery, drylab and wetlab
Course fee: 1.600,- €

Two-day course: 30.06. & 01.07.2022
Lectures, drylab and live surgery
Course fee: 500,- € (for medical residents 350,-€)

CONTACT

Course Coordinator

Mrs. Miko Schmitt

info@uniportalvats.de

Tel.: +49 (0) 331. 241 - 3 5343

Congress Management

Servicegesellschaft am Klinikum Ernst von Bergmann GmbH
Charlottenstr. 72 | 14467 Potsdam

Mr. Mario Keßler

Tel.: +49 (0) 331. 241 - 3 4634

Fax: +49 (0) 331. 241 - 3 4750

Mobil: +49 (0) 171. 75 33 702

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