FIRST INTERNATIONAL COURSE ON TUBELESS AND ADVANCED VATS LOBECTOMY TECHNIQUES

Cardiothoracic Surgery, First Affiliated Hospital of Guangzhou Medical University, Guangzhou Institute of Respiratory Diseases (GIRD)

COURSE DIRECTORS

Jianxing HE, MD, FACS, FRCS, AATS Member, ESTS Member

President of 1st Affiliated Hospital of Guangzhou Medical University, Dean of the Thoracic Surgery Department. He is one of the pioneers of the VATS in China. He completed most VATS procedures in China and he is also the initial Chairman of Guangdong Thoracic Association and Guangdong Association of Thoracic Surgeon.

Key Achievements:
- First to perform VATS lobectomy in China in 1994.
- Accomplished more than 24000 minimally invasive thoracic surgeries.
- First to apply c-VATS in Vena Cava Resection, 2009.
- First to apply c-VATS Sleeve Lobectomy in China, 2009.
- First to apply VATS Cross-Carina Sleeve Lobectomy, 2011
- First to apply **Spontaneous Respiratory anesthesia** VATS in China, 2011, and has now used this technique for every possible thoracic procedures, including VATS carinal resections.
- Executive Chief Editor of Journal of Thoracic Disease (Impact factor: 1.783)
- Chief Editor of Annals of Translational Medicine
- First to propose the concept of “Tubeless” VATS, removing the need for intubation anesthesia, chest drainage and urine catheterisation. This speeds up patient’s post-operative recovery.
- Design the first Glass-free 3D Thoracic Endoscopy Screen system and apply the first Glass-free 3D VATS thoracic operation in 2015
- First to finish the allograft lung transplantation in Southern China in 2003, till now accomplished more than 93 transplantation cases.
- Published more than 100 SCI papers of VATS, Lung cancer and other thoracic diseases in Lancet, JAMA, JCO, etc with Impact factor more than 287.

Diego GONZALEZ - RIVAS, MD, FECTS

Head of Minimally Invasive Thoracic Surgery Unit (UCTMI) and Coruña University Hospital, Coruña, Spain. He is also the co-director of the Uniportal VATS training program in Shanghai Pulmonary Center, Tongji University

Key Achievements:
- Started with VATS lobectomy program in 2006 (first VATS lobectomy).
- Active member of Lung Transplantation program in Coruña (40 cases per year) since 1999
- In Coruña hospital they have performed more than 700 VATS lobectomies.
- The first uniportal VATS lobectomy was performed in June 2010 (first case in the world).
- The first non-intubated uniportal VATS lobectomy in the world (April 2014)
- Teaching uniportal VATS and operated in more than 40 countries all over the world.
- Expert in Uniportal VATS reconstructive broncho-vascular procedures
- Serves on several editorial boards and is active member organizing the annual meeting of Spanish society of thoracic surgery (SECT) and European Society for Thoracic Surgery (ESTS).
- Published several papers describing uniportal VATS lobectomy procedure and the results in the most important medical journals from year 2010 and on.
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Guest Speakers

Deruo Liu (China)  
Gening Jiang (China)  
Qun Wang (China)  
Keneng Chen (China)  
Yin Li (China)  
Guangsoo Wang (China)

Eugenio Pompeo (Italy)  
Toni Lerut (Belgium)  
Cesar Bonome (Spain)  
Hasan Fevzi Batirel (Turkey)  
Tomaz Stupnik (Slovenia)  
Alan Sihoe (Hong Kong)  
Keng Leong Ang (UK)

Organizing Committee

Jianxing He (China)  
Jun Liu (China)  
Xusen Zou (China)  
Jingpei Li (China)  
Weitao Zheng (China)  
Danyuan Huang (China)  
Qin Bian (China)

Diego Gonzalez-Rivas (Spain)  
Maja Volk (Slovenia)  
Petra Leskovec (Slovenia)  
Roddick Yuen (Hong Kong)  
Lindsey Hamblin (USA)  
Keng Leong Ang (UK)

Official Sponsor

ETHICON, Johnson & Johnson

Logistics Information

Meeting Room: International Conference Hall, 30th Floor, Inpatient Building, 1st Affiliated Hospital of Guangzhou Medical University

Hotel: China Hotel, A Marriott® Hotel, Guangzhou

Contact Information

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Maja Volk (Slovenia) +386 41 365 355
### DAY 1 – December, 7th, Monday

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<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Location</th>
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<td>08:30-08:45</td>
<td>Opening Remark</td>
<td>Jianxing He/Diego Gonzalez-Rivas/Johnson &amp; Johnson</td>
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<tr>
<td>08:45-09:15</td>
<td>Hospital &amp; Thoracic Department Introduction</td>
<td>Jianxing He/China</td>
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<td>09:15-09:35</td>
<td>Non-intubated and awake minor procedures: technique and results</td>
<td>Eugenio Pompeo (Italy)</td>
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<td>09:35-09:55</td>
<td>How to speed up patient recovery: Tubeless VATS</td>
<td>Jianxing He/China</td>
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<td>09:55-10:15</td>
<td>Non-intubated VATS lobectomy surgery experience: CORUÑA experience</td>
<td>Diego Gonzalez-Rivas/Spain</td>
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<td>10:15-10:25</td>
<td>Book Launch: Tubeless VATS</td>
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<td>10:25-10:40</td>
<td>Coffee Break</td>
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<td>10:40-11:00</td>
<td>Evolution of Thoracic Surgery and my Chinese experience</td>
<td>Toni Lerut (Belgium)</td>
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<td>11:00-11:20</td>
<td>Evolution from Conventional VATS to Uniportal VATS and non-intubated procedures</td>
<td>Tomaz Stupnik (Slovenia)</td>
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<td>11:20-11:40</td>
<td>VATS lobectomy surgery experience: Guangzhou experience</td>
<td>Jianxing He/China</td>
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<td>11:40-12:00</td>
<td>Scientific Discussion</td>
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<td>12:00-13:30</td>
<td>LUNCH</td>
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<td>13:30-13:50</td>
<td>Advances in video-assisted thoracoscopic surgery: what is the next step?</td>
<td>Alan Sihoe (Hong Kong)</td>
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<td>13:50-14:10</td>
<td>3D reconstruction for localizing small lung GGN and comparison between VATS sublobar resection and lobectomy</td>
<td>Deruo Liu/China</td>
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<td>14:10-14:30</td>
<td>Anesthetic considerations in non-intubated Uniportal VATS surgery</td>
<td>Cesar Bonome (Spain)</td>
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<td>14:30-14:50</td>
<td>Anesthetic considerations in Tubeless VATS surgery</td>
<td>Qinglong Dong/China</td>
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<td>14:50-15:00</td>
<td>Scientific Discussion</td>
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<td>15:00-15:15</td>
<td>Coffee Break</td>
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<tr>
<td>15:15-15:35</td>
<td>Anesthetic experiences in Tubeless VATS</td>
<td>Lixia Liang/China</td>
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<td>15:35-15:55</td>
<td>Airway Management of Tubeless VATS</td>
<td>Lei Chen/China</td>
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<td>15:55-16:15</td>
<td>Tubeless Thoracic Surgery: Trachea Tumor Resection</td>
<td>Hui Liu/China</td>
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<td>16:15-16:35</td>
<td>Anesthesia of Fast Recovery Surgery</td>
<td>Yinfen Li/China</td>
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<td>16:35-16:50</td>
<td>Scientific Discussion</td>
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<td>16:50-17:00</td>
<td>Conclusions</td>
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<tr>
<td>18:30</td>
<td>WELCOME DINNER</td>
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DAY 2 – December, 8th, Tuesday

08:30-08:50  Historical review of thoracoscopic sleeve resections  Jianxing He (China)
08:50-09:10  Historical review of Tubeless and awake thoracic procedures  Weiqiang Yin (China)
09:10-09:30  My first uniportal VATS lobectomy experience  Hasan Fevzi Batirel (Turkey)
09:30-09:50  Complications in non-intubated uniportal VATS major resections  Diego Gonzalez-Rivas (Spain)
09:50-10:05  Scientific Discussion
10:05-10:15  Coffee break
10:15-10:35  What are the major challenges that you would need to overcome to perform VATS sleeve procedures  Hanzhang Chen (China)
10:35-10:55  Tubeless uniportal lung biopsy  Xin Xu (China)
10:55-11:15  Troubleshooting & experience with challenging non-intubated cases: uniportal VATS  Diego Gonzalez-Rivas (Spain)
11:15-11:35  Uniportal cVATS segmentectomy for cT1aN0M0 NSCLC: Shenzhen experience  Guangsuo Wang (China)
11:35-11:55  Quality of life for the patients after tubeless VATS resections  Jun Liu (China)
11:55-12:15  Scientific Discussion
12:15-14:00  LUNCH
14:00-14:20  VATS complex reconstructive Broncho-vascular and carinal techniques: pushing the limits  Diego Gonzalez-Rivas (Spain)
14:20-14:40  Tubeless Mediastinal Tumor Resection  Wenlong Shao (China)
14:40-15:00  Tubeless Thymoma Resection  Xin Zhang (China)
15:00-15:15  Scientific Discussion
15:15-15:25  Coffee Break
15:25-15:45  Non-intubated Uniportal LVRS  Shuben Li (China)
15:45-16:05  Visiting Fellowship in Guangzhou  Keng Leong Ang (UK)
16:05-16:25  Research and development in thoracic surgery in the future  Jianxing He (China)
16:25-16:40  Scientific Discussion
16:40-16:50  Conclusions
18:30-  Free Time
DAY 3 – December 9th, Wednesday

08:30-09:00  Pre-operative Case review of operative list

OPERATING THEATRE (1) : Tubeless VATS
Surgeons: Jianxing He/ Diego Gonzalez-Rivas/ Hanzhang Chen/ Weiqiang Yin/ Jun Liu

09:00-12:00  Live surgery case 1: Day Operation
             Live surgery case 2: Non-intubated uniportal VATS Bullae Resection
             Live surgery case 3: Non-intubated VATS Bullae Resection

12:00-13:00  Lunch & Scientific Discussion

OPERATING THEATRE (2) : Non-intubated (uniportal) VATS lobectomy/Pulmonary Segmentectomy
Surgeons: Jianxing He/ Diego Gonzalez-Rivas/ Hanzhang Chen/ Weiqiang Yin/ Jun Liu

13:00-16:30  Live surgery case 4: Non-intubated uniportal VATS lobectomy
             Live surgery case 5: Non-intubated VATS Pulmonary Segmentectomy
             Live surgery case 6: Non-intubated VATS lobectomy

16:30-17:00  Scientific Wrap-up discussion of the day

18:30-       Free Time

【Notice】
There will be 3D experience practical sessions throughout December 9th & 10th
Please refer to our separate time-table for group allocations
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DAY 4 – December, 10th, Thursday

ETHICON LIVE SURGERY WORLDWIDE BROADCAST DAY

08:30-09:00 Pre-operative Case review of operative list

OPERATING THEATRE (3) : Non-intubated (uniportal) sleeve resection (J&J TES LIVE)
Surgeons: Jianxing He/ Diego Gonzalez-Rivas/ Hanzhang Chen/ Weiqiang Yin/ Jun Liu

09:00-12:00 Live surgery case 7: Non-intubated sleeve resection
Live surgery case 8: Non-intubated uniportal sleeve resection

12:00-13:00 Lunch & Scientific Discussion

13:00-16:30 Live surgery case 9: Non-intubated sleeve resection
Live surgery case 10: Non-intubated uniportal sleeve resection

16:30-17:00 Scientific Wrap-up discussion of the day

18:30 Farewell Dinner

【Notice】
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**DAY 5 – December, 11th, Friday**

08:00  Transfer from the hotel to the hospital

08:30-09:00  Uniportal VATS high volume center: Shanghai Pulmonary Hospital experience  
**Gening Jiang (China)**

09:00-09:30  Uniportal VATS high volume center: Shanghai Zhongshan Hospital experience  
**Qun Wang (China)**

09:30-09:45  Scientific Discussion

09:45-10:00  Coffee break

10:00-10:30  Fast Recovery Surgery in Esophageal Carcinoma  
**Keneng Chen (China)**

10:30-11:00  Fast Recovery Surgery in Esophageal Carcinoma  
**Yin Li (China)**

11:00-11:20  Open Forum Discussion  
Which terminology should we use: Non- intubated anesthesia, spontaneous respiration/breathing anesthesia, or tubeless.  
Panel: Jianxing He/ Diego Gonzalez-Rivas / Eugenio Pompeo

11:20-11:30  Closing: Distribution of Certificates

11:30-12:00  Hospital Visit