

Uniportal VATS live surgery around the world

Editorial Office

Video-Assisted Thoracic Surgery, AME Publishing Company, Guangzhou 510220, China

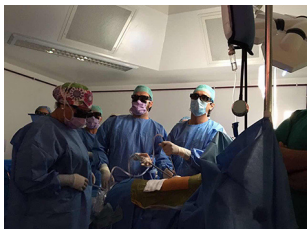
Received: 16 July 2016; Accepted: 27 July 2016; Published: 10 August 2016.

doi: 10.21037/vats.2016.07.03

View this article at: <http://dx.doi.org/10.21037/vats.2016.07.03>

Prof. Diego Gonzalez-Rivas is launching a uniportal 'transformation' worldwide. So far, he has been invited to a huge number of countries and cities for live surgery demonstration, bringing the technique to a fast increasing number of thoracic surgeons. Dr. Gonzalez Rivas is probably the surgeon in the history of surgery, not just thoracic surgery, who has operated patients in more number of hospitals and countries around the world. With its wider application, uniportal VATS will benefit more and more patients. This effort of constant travelling, performing masterclasses and live surgery onsite, from the east to the west of the world, represents a new revolutionary way of learning. Teaching and sharing experiences in every country allows the increase and quicker worldwide adoption of the technique during the last years.

22 July 2016, Lisbon, Portugal



Live surgery from Santa Maria Hospital, Lisbon, Portugal (Non-intubated Uniportal VATS right upper lobectomy and left lower lobectomy).

13–15 July 2016, Mexico City, Mexico



Live surgery from Mexico: Uniportal VATS right lower lobectomy
National Institute of Respiratory Diseases (INER), Mexico City, Mexico

11–12 July 2016, Sao Paolo, Brazil



Live surgery from Sao Paolo (2 Uniportal VATS lobectomies)
Hospital Alemao Oswaldo Cruz, Sao Paolo, Brazil.

8 July 2016, Valparaiso, Chile



Surgery from Valparaiso, Chile: Uniportal VATS middle lobectomy
Doctor Eduardo Pereira Hospital, Valparaiso, Chile.

25 June 2016, Taizhou, China



Live surgery from Taizhou: Uniportal VATS anatomic

segmentectomy
Enze Medical Center, Taizhou, China.

19 June 2016, Huai'an, China



Live surgery from Huai'an: Uniportal VATS lobectomy for aspergilloma and Uniportal left upper for lung cancer
Huai'an First Peoples Hospital, Huai'an, China.

18 June 2016, Hefei, China



Live surgery from Anhui Chest Hospital, Hefei (China): 3 complex Uniportal VATS major resections

15 June 2016, Shanghai, China



Live surgery from Shanghai to 16th ISMICS annual meeting (Montreal): Uniportal VATS right upper lobectomy
Shanghai Pulmonary Hospital, Tongji University, China.

9 June 2016, St Petersburg, Russia



Live surgery from St Petersburg: complex Uniportal VATS anatomic segmentectomy S1+S2 for tuberculosis disease
Institute of Ptsiopulmonology in St Petersburg, Russia.

6-7 June 2016, Zakopane, Poland



Live surgery from Poland: Uniportal VATS transcervical lobectomy and non-intubated Uniportal VATS lobectomy
Pulmonary Hospital, Zakopane, Poland.

8-9 May 2016, Oslo, Norway (1)



Live surgery from Oslo-first Uniportal VATS lobectomy in Norway (right upper and left lower lobe)
Oslo Universitetssykehus Hospital, Oslo, Norway.

28 April 2016, Zhoushan, China



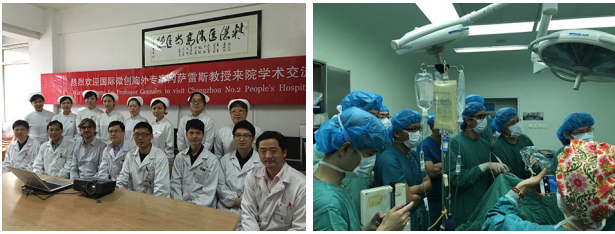
Live surgery from Zhoushan (Uniportal anatomic segmentectomy S8)
Zhoushan Hospital, Zhejiang, China.

24 April 2016, Weihai, China



Live surgery from Weihai (3 Uniportal VATS major resections and 1 Uniportal LUL sleeve procedure)
Weihai Hospital, Shandong, China.

23 April 2016, Changzhou, China



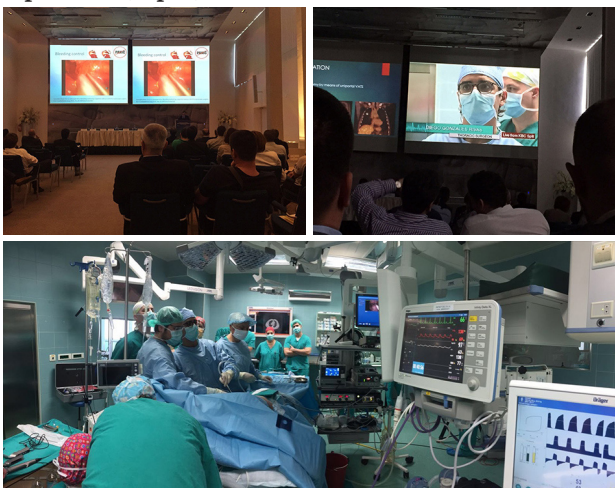
Live surgery from Changzhou (Uniportal right upper lobectomy)
Changzhou No.2 People's Hospital, Jiangsu, China.

10 April 2016, Taipei, Taiwan



Live surgery from Taipei: non-intubated Uniportal VATS anatomic segmentectomy
National Taiwan University Hospital, during the 4th Asian Single Port VATS Symposium, Taipei, Taiwan

7 April 2016, Split, Croatia



Live surgery from Split: Uniportal VATS right upper lobectomy
University Hospital of Split, Croatia.

22–24 March 2016, Haifa, Beer Sheva and Jerusalem, Israel



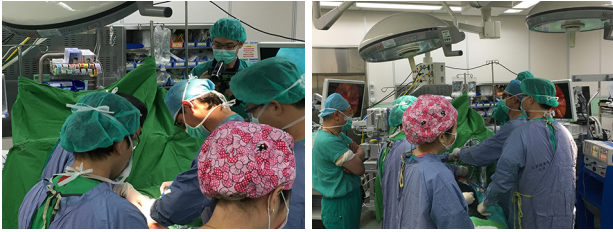
Live surgery from ISRAEL Rambam Hospital, Haifa (22h March), (RUL and LUL), Soroka Medical Center, Beer Sheva (23rd March) (LLL and ML) and Shaare Zedek Medical Center, Jerusalem (24th March 2016) (segmentectomy S1 and Bilobectomy)

17 March 2016, Berlin, Germany



Live surgery from Charité hospital during the 3rd International Uniportal VATS Course and wetlab: from basics to advanced surgery
Charité University Hospital, Berlin, Germany

14 March 2016, Taipei, Taiwan



Live surgery from Triservice General Hospital (2 Uniportal lobectomies), Taipei, Taiwan

29th February 2016. Lisbon, Portugal



Live surgery from Lisbon (Non-intubated VATS left upper lobectomy).
Hospital Santa Maria, Lisbon, Portugal.

25 February 2016, Assiut, Egypt (2)



Live surgery from Egypt during the 1st Uniportal VATS course (First Uniportal VATS major resection in the country)

Assiut Heart University Hospital, Assiut, Egypt.

22 February 2016, Amman, Jordan (3)



First Uniportal VATS lobectomy in Jordan
Istishari Medical Hospital, Amman, Jordan.

21 February 2016, Riyadh, Saudi Arabia



Live surgery from Riyadh (Uniportal VATS right upper lobectomy)

King Khaled Medical Hospital, Riyadh, Saudi Arabia.

9–10 February 2016, La Habana, Cuba



Live surgery from La Habana during the first Uniportal VATS meeting in Cuba
Center of Medical and Surgical Investigations (CIMEQ),
La Habana, Cuba.

4–5 February 2016, Amsterdam, Holland



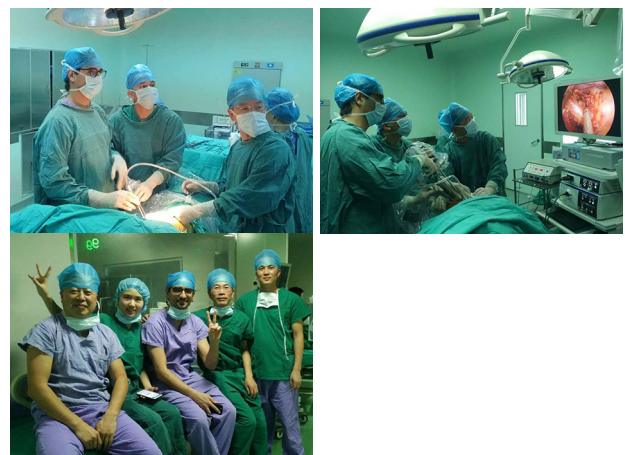
Live surgery from Amsterdam during the 1st Uniportal VATS course in Holland (first non-intubated Uniportal VATS lobectomy in the country)
St Jansdal Hospital Harderwijk, Amsterdam, Holland.

15 January 2016, Nanjing, China



Live surgery from Nanjing Chest Hospital: Uniportal VATS left upper lobectomy, Nanjing, Jiangsu, China.

10 January 2016, Taizhou, China



Live surgery from Taizhou City Hospital: 5 Uniportal VATS major resections, Taizhou, Zhejiang, China.

18–19 December 2015, Jeddah, KSA



Live surgery during the 1st Uniportal VATS course in Saudi Arabia (Uniportal VATS complex sleeve lobectomy)
King Abdulaziz University, Jeddah, KSA.

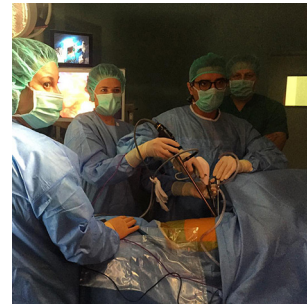
10 December 2015, Guangzhou, China



Live surgery from Guangzhou: first case in the world of non-intubated Uniportal VATS segmentectomy with 3D naked eye (No glasses)

The 1st International course on tubeless and advanced VATS lobectomy techniques, 1st Affiliated Hospital of Guangzhou Medical University, Guangzhou, China.

23 November 2015, Kaunas, Lithuania (4)



Live surgery from Kaunas (Lithuania): non-intubated Uniportal VATS lobectomy
Hospital of Lithuanian University of Health Sciences, Kaunas Clinics, Lithuania.

16 November 2015, Manila, Philippines



Live surgery from Manila (Philippines): Uniportal VATS left lower lobectomy
Lung Center of the Philippines, Manila, Philippines.

7 November 2015, Weihai, China



Live surgery from Weihai City, Shandong province (1 Uniportal VATS lobectomy and 2 segmentectomies)
Shandong Minimally Invasive Thoracic Symposium, Weihai City Hospital, Shandong, China.

31 October 2015, Nantong, China



Live surgery and conference from Nantong (China)
Conference on Minimally Invasive Surgery, Affiliated Hospital of Nantong University, Nantong, China.

26 October 2015, Xiamen, China



Live surgery in 3D from Xiamen Hospital: Uniportal VATS lobectomy, Xiamen, Fujian, China.

25 October 2015, Urumqi, China



Live surgery from Urumqi (China): Uniportal VATS Right upper lobectomy

2015 Xiang Forum on Minimally Invasive Thoracic Surgery, Urumqi, Xinjiang, China.

24 October 2015, Shanghai, China



Live surgery from Shanghai: Uniportal VATS right middle lobectomy
Shanghai Pulmonary Hospital, Shanghai, China.

17 October 2015, Cambridge, UK



Live surgery from Cambridge: Non-intubated Uniportal VATS left upper lobectomy
Papworth Hospital, Cambridge, UK.

13 October 2015, Riyadh, Saudi Arabia



Live Surgery from Riyadh (first Uniportal VATS major and minor procedures in Saudi Arabia). King Saud Medical City, Shemaisi (KSMC) on 11th October and National Guard Hospital Riyadh, Saudi Arabia.

21–22 September 2015, Tacna, Peru



First course on Uniportal VATS in Peru (lectures, live surgery and wetlab)
Daniel Aleides Carrion III and Private University of Tacna, Tacna, Peru.

18 September 2015, San José, Costa Rica (5)



Live surgery from Costa Rica (3 Uniportal surgeries):
First non-intubated major pulmonary resection in Central America.
Rafael Angel Calderon Guardia Hospital, San Jose, Costa Rica.

11–13 August 2015, Cape Town, Durban and Pretoria, South Africa (6)



Live surgery from Cape Town, Durban and Pretoria (first Uniportal VATS lobectomies performed in African continent)
Tygerberg hospital (Cape Town), Albert Luthuli Hospital (Durban), Steve Biko hospital (Pretoria) and George Mukhari Hospital (Pretoria), South Africa.

25 June 2015, St Petersburg, Russia



First non-intubated VATS lobectomy performed in St Petersburg (live surgery)
Institute on Phthisiopneumology, St Petersburg, Russia.

20 June 2015, Beijing, China



Live surgery from Beijing: Uniportal VATS lobectomy
Beijing Chaoyang Hospital, Beijing, China.

3 June 2015, Berlin, Germany



Live surgery from Berlin (first time in ISMICS): Uniportal VATS right upper and left upper lobectomy
XV annual meeting of International Society of Minimally

Invasive Cardiothoracic Surgery. Charite hospital, Berlin, Germany.

27 May 2015, Fortaleza, Brazil



Live surgery from Fortaleza: First non-intubated VATS major pulmonary resection performed in Brazil
Precongress course during National Brazilian meeting on thoracic surgery. Messejana Hospital, Fortaleza, Brazil.

1 May 2015, Lisbon, Portugal



Live surgery from Lisbon: First Non-intubated VATS lobectomy in Portugal
Hospital Santa Maria, Lisbon, Portugal.

24 April 2015, Naples, Italy



Live surgery from Naples: Uniportal VATS left upper lobectomy
Monaldi Hospital, Naples, Italy.
CORSO DI CHIRURGIA TORACICA VIDEOASSISTITA E ROBOTICA

30 March 2015, Budapest, Hungary



First Uniportal VATS lobectomy performed in Hungary (live surgery)
National Institute of Oncology, Budapest, Hungary.

26 March 2015, Hong Kong



First non-intubated VATS lobectomy in Hong Kong
Prince of Wales Hospital, Hong Kong.

25 March 2015, Zhengzhou, China



Live surgery from the First Hospital, Zhengzhou University, Zhengzhou, Henan, China.

24 March 2015, Qingdao, China



Live surgery from The Affiliated Hospital of Qingdao University, Qingdao, Shandong, China.

23 March 2015, Fuzhou, China



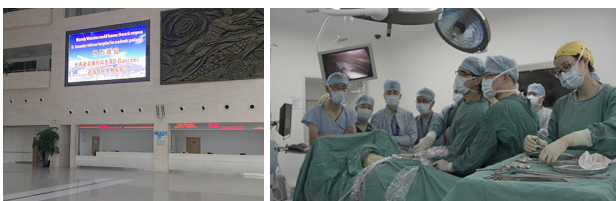
Liver surgery from Union Hospital, Fujian Medical University, Fuzhou, Fujian, China.

21 March 2015, Harbin, China



Live surgery from the Second Hospital, Harbin Medical University, Harbin Hospital, Harbin, Heilongjiang, China.

14 March 2015, Wenzhou, China



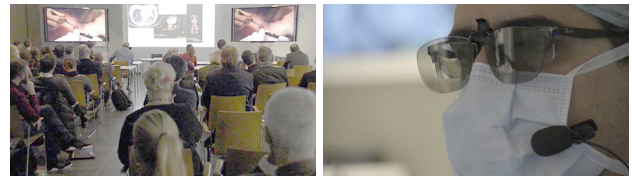
Live surgery from the First Hospital, Wenzhou Medical University, Zhejiang, China.

25-26 February 2015, Leeds, UK



Live surgery and invited speaker at 7th advanced VATS course St James University Hospital, Leeds (UK).

19-21 February 2015, Berlin, Germany



Live surgery at 2nd International Symposium on Uniportal VATS-wetlab Live surgery Charité Hospital, Berlin, Germany.

17-19 December 2014, La Coruña, Spain



Live surgery during International course advanced Uniportal VATS live surgery Coruña Hospital and Technological Center, La Coruña, Spain.

10–11 December 2014, Kazan, Russia



VATS Masterclass in Kazan: first non-intubated VATS lobectomy in Russia (2 cases)
Advanced Medical Technology Education Center, Kazan, Russia.

28 November 2014, Shenzhen, China

Live surgery during the first Chinese International Single Port Symposium (Uniportal VATS bilobectomy and Uniportal VATS segmentectomy)
The Shenzhen Baoan affiliated Hospital of Southern Medical University, Shenzhen, China.

26 November 2014, Warsaw, Poland



Live surgery from Poland (Masterclass in Non-intubated Uniportal VATS): first non-intubated VATS lobectomy in East Europe
Warsaw University Hospital, Warsaw, Poland.

24–25 November 2014, Lodz, Poland



Live surgery from Poland. 3 Uniportal VATS lobectomies

Kopernicus Hospital, Lodz, Poland.

22 November 2014, Cambridge, UK



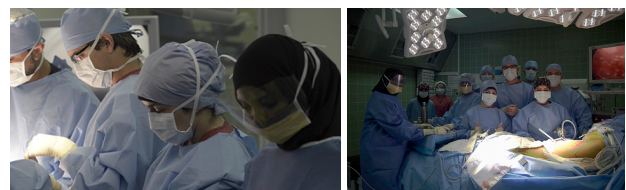
Live surgery from Papworth Hospital: Non-intubated Uniportal VATS RUL (first case in UK)
Cambridge International VATS Symposium, Cambridge University, Cambridge, UK.

20 November 2014, Udine, Italy



Live surgery from Udine (Italy): single port VATS right lower lobectomy
Convegno La Chirurgia mininvasiva nelle resezione polmonari maggiori, Udine, Italy.

13 November 2014, Abu Dhabi, Emirates



Live surgery from Abu Dhabi: first Uniportal VATS in Emirates
Tawan Hospital, Abu Dhabi, Emirates.

8 October to 12 November 2014, Shanghai, China



Live surgery during Uniportal VATS training program at Shanghai Pulmonary Hospital
Shanghai Pulmonary Hospital, Shanghai, China.

28 October 2014, Plovdiv, Bulgaria



Live surgery from Plovdiv (Bulgaria)
Saint George University Hospital, Plovdiv, Bulgaria.

27 October 2014, Sofia, Bulgaria



Live surgery from Sofia (Bulgaria)

Saint Sofia Pulmonary Hospital, Sofia, Bulgaria.

26th September 2014, Bogotá, Colombia



Live surgery from Bogotá, Colombia: First non-intubated thoracoscopic lobectomy performed in America
National Cancer Institute, Bogotá, Colombia.

15–16 September 2014, Klaipeda, Lithuania



Masterclass on Uniportal VATS and live surgery (2 Uniportal thoracoscopic anatomic segmentectomies)
Klaipeda University Hospital, Klaipeda, Lithuania.

8–9 September 2014, Cardiff, UK



Live surgery during VATS Uniportal Lobectomy Cadaveric Workshop
Wales Institute of Minimal Access Therapy (WIMAT),
Cardiff, UK.

4 September 2014, Jena, Germany



Masterclass on Uniportal VATS and live surgery (3 major pulmonary resections)
Klinik für Herz und Thoraxchirurgie_Universitätsklinikum
Jena, Germany.

21–23 August 2014, Rio de Janeiro, Brazil



Single port VATS live surgery demonstration in 3 hospitals
in Rio de Janeiro
Instituto Nacional de Câncer (INCA), Unimed Hospital

and St. Lucia Hospital, Rio de Janeiro, Brazil.

16 August 2014, Belem, Brazil



Non-intubated live surgery demonstration from Belem,
Brazil. Hospital Porto Dias, Belem, Brazil.

26 June 2014, St Petersburg, Russia



Live surgery demonstration from St Petersburg (Uniportal
VATS left upper lobectomy)
Russian Institute of Phthysiopulmunology of St Petersburg,
Russia.

24th May 2014, Zunyi, China



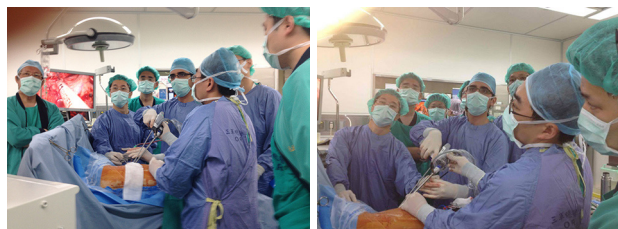
Live surgery during 6th West China international forum
on minimally invasive surgery, Zunyi Hospital, Guizhou,
China.

21-22 March 2014, Porto Alegre, Brazil



Live surgery from Porto Alegre (Brazil): left upper lobectomy and left lower lobectomy VATS symposium at Pavilhao Pereira Filho. House of Mercy Hospital, Porto Alegre, Brazil.

13 February 2014, Taipei, Taiwan



Masterclass on Uniportal VATS in Taiwan: live surgery from hospital and theoretical sessions at medical university Triservice General Hospital and National Defense Medical Center, Taipei, Taiwan.

17 January 2014, Madrid, Spain



Live surgery and mentorship (Uniportal VATS left upper and middle lobectomy) at San Carlos University Hospital

The first Uniportal VATS meeting. Madrid, Spain.

28 November 2013, Salvador, Brazil



Live surgery (Uniportal VATS left lower lobectomy and middle lobectomy) from Salvador, Brazil VI International Symposium of Minimally Invasive Thoracic Surgery, Savador, Brazil.

17-18 November 2013, Jerusalem, Israel (7)



Live surgery from Jerusalem: First Uniportal VATS lobectomies in Israel (5 lobectomies) Shaare Zedek Medical Center, Jerusalem, Israel.

14 November 2013, Madrid, Spain



Live surgery at hospital 12 de Octubre de Madrid (mentorship): single port left upper lobectomy and single port left upper trisegmentectomy Hospital 12 Octubre, Madrid, Spain.

8 November, 2013, Izmir, Turkey



Live surgery from Turkey: First Uniportal VATS right upper and left lower lobectomies performed in Izmir Dr Suat Seren Gogus Hastaliklari Hospital, Izmir, Turkey.

19 October 2013, Shanghai, China



Live surgery from Shanghai (Shanghai Pulmonary Hospital): Uniportal VATS left upper lobectomy Shanghai Pulmonary Hospital, Shanghai, China.

2 October 2013, Bucharest, Romania



Live surgery from Romania: First Uniportal VATS right upper and left upper lobectomies performed in Bucharest Marius Nasta institutul de pneumoftiziologie, Bucharest, Romania.

23 August 2013, Bogotá, Colombia



First Uniportal thoracoscopic surgery performed in Bogotá National Cancer Institute, Bogotá, Colombia.

26 June 2013, St Petersburg, Russia



Single port VATS right upper lobectomy at Second Masterclass and live surgery (Uniportal VATS lobectomy) in Russia
St Petersburg Federal Hospital, St Petersburg, Russia.

7-8 March 2013, Hong Kong



Live single port right upper lobectomy at 1st Asian Single Port VATS Symposium & live Surgery Prince of Wales Hospital, Hong Kong.

20 April 2013, Rio de Janeiro, Brazil



First single-port VATS lobectomy performed in Brazil (live surgery)
Hospital da Marinha, Rio de Janeiro, Brazil.

12-14 December 2012, La Coruña, Spain



Live surgery on Workshop on Uniportal VATS-wetlab Coruña Hospital and Technological Center, La Coruña, Spain.

20-22 March 2013, La Coruña, Spain



Live surgery (2 Uniportal VATS lobectomies) during II international Uniportal workshop, San Rafael Hospital, Coruña, Spain.

28 June 2012, Berlin, Germany



Live surgery from Berlin (3 major pulmonary resections): first Uniportal VATS lobectomy and segmentectomy in

Germany
Charite University Hospital, Berlin, Germany.

23 May 2012, St. Petersburg, Russia



Live surgery from Russia: first single port right upper lobectomy in Russia
Hospital Federal de St. Petersburg, Russia.

2 March 2012, Oviedo, Spain



Live Uniportal VATS lobectomy from Oviedo during I workshop on Uniportal VATS
Hospital Central de Asturias, Oviedo, Spain.

January 2012, Craiova, Romania



Live surgery from Craiova (Romania): 3 cases
The first Uniportal VATS lobectomy in Romania, Craiova, Romania.

11 December 2011, Lisbon, Portugal



Live surgery from Lisbon: Single port VATS left upper lobectomy. Live surgery from Lisbon during the first workshop on Uniportal VATS: single port left upper lobectomy
Santa Marta Hospital, Lisbon, Portugal.

Acknowledgments

Funding: None.

Footnote

Provenance and Peer Review: This article was commissioned by the editorial office, *Video-Assisted Thoracic Surgery*. The article did not undergo external peer review.

Conflicts of Interest: The author has completed the ICMJE uniform disclosure form (available at <http://dx.doi.org/10.21037/vats.2016.07.03>). The author has no conflicts of interest to declare.

Ethical Statement: The author is accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Open Access Statement: This is an Open Access article distributed in accordance with the Creative Commons Attribution-NonCommercial-NoDerivs 4.0 International License (CC BY-NC-ND 4.0), which permits the non-commercial replication and distribution of the article with the strict proviso that no changes or edits are made and the original work is properly cited (including links to both the formal publication through the relevant DOI and the license). See: <https://creativecommons.org/licenses/by-nc-nd/4.0/>.

References

1. Aamodt H. Transition from thoracotomy to uniportal video-assisted thoracic surgery in non-small cell lung cancer—the Oslo experience. *J Vis Surg* 2016;2:111.

2. Elkhayat H, Gonzalez-Rivas D. Right pneumonectomy for carcinoid tumor extending through the intermediate bronchus and the interlobar artery. *J Vis Surg* 2016;2:89.
3. Abu Ali H, Al-Asad K, Shihadeh B, et al. Uniportal lobectomy in Jordan—the journey continues. *J Vis Surg* 2016;2:93.
4. Karalevičiūtė R, Gonzalez-Rivas D. Nonintubated uniportal video-assisted thoracic surgery course—live surgery. *J Vis Surg* 2016;2:15.
5. Guerrero WG, Gonzalez-Rivas D, Yang Y, et al. The evolution of uniportal video assisted thoracic surgery in Costa Rica. *J Vis Surg* 2016;2:91.
6. Schewitz I. Uniportal lobectomy in Africa: a beginning. *J Vis Surg* 2016;2:54.
7. Abu Akar F, Gonzalez-Rivas D, Fink D. Management of bleeding from an abnormally located S6 arterial branch in a common origin with S2 branch during live surgery. *J Vis Surg* 2016;2:87.

doi: 10.21037/vats.2016.07.03

Cite this article as: Editorial Office. Uniportal VATS live surgery around the world. *Video-assist Thorac Surg* 2016;1:5.