

3rd International Conference Sublobar Resections for Lung Cancer

October 29th & 30th , 2021
Yamagata Terra - Japan



HYBRID CONFERENCE

PROGRAM

japan.international-conference-sublobar.com



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ORGANISATION



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| Dates | 29 th & 30 th of October, 2021 |
| City | Yamagata Terrsa, Japan |
| Participants | Hybrid meeting |

VENUE

Friday 29th and Saturday 30th of October :

YAMAGATA TERRSA
1 Chome-2-3 Futabacho
Yamagata, 990-0828, JAPAN

WEBSITE OF THE CONFERENCE

japan.international-conference-sublobar.com

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FACULTY

| | | |
|-------------|----------------|-----------|
| Takashi | Arai | Japan |
| Shanda | Blackmon | USA |
| Alex | Brunelli | England |
| Christopher | Cao | Australia |
| Robert J | Cerfolio | USA |
| Yin-Kai | Chao | Taiwan |
| Liang | Chen | China |
| Masayuki | Chida | Japan |
| Hiroshi | Date | Japan |
| Joel | Dunning | England |
| Diego | Gonzales Rivas | China |
| Dominique | Gossot | France |
| Calvin SZE | Hang NG | China |
| Yasuhito | Hagiwara | Japan |
| Hisashi | Iwata | Japan |
| Hyun Koo | Kim | Korea |
| Tadasu | Kohno | Japan |
| Kelvin | Lau | UK |
| Hideki | Miyazawa | Japan |
| Yoshihiro | Miyata | Japan |
| Takeshi | Mori | Japan |
| Mingyon | Mun | Japan |
| Hiroaki | Nomori | Japan |
| Hiroyuki | Oizumi | Japan |
| René | Petersen | Denmark |
| Gaetano | Rocco | USA |
| Masaaki | Sato | Japan |
| Noriyoshi | Sawabata | Japan |
| Agathe | Seguin | France |
| Yasuo | Sekine | Japan |
| Kimihito | Shimizu | Japan |
| Satoshi | Shiono | Japan |
| Alan D | Sihoe | China |
| Kenji | Suzuki | Japan |
| Lijie | Tan | China |
| Yasuji | Terada | Japan |
| Jitsuo | Usuda | Japan |
| Shun-Mao | Yang | Taiwan |

* This list is pending on final confirmation of the faculty

DRAFT AGENDA



Friday, October 29th, 2021

8:15-8:20 Opening remarks - **Hiroyuki Oizumi, Japan**

Session 1 : Emerging Technologies

Moderators : H. Nomori (Japan) and D. Gossot (France)

8:20-8:30 Articulating endoscopic devices - **Hyun Koo Kim, Korea**

8:30-8:40 Articulating endoscopic devices and Sublobar resection - **Joel Dunning, UK**

8:40-8:50 Transbronchial Microwave Ablation - **Calvin Sze Hang Ng, Hong Kong, China**

8:50-9:00 Photodynamic Therapy - **Jitsuo Usuda, Japan**

9:00-9:10 Cryoablation for primary lung cancer - **Hiroaki Nomori, Japan**

9:10-9:20 Proton Beam and Carbon Ion Radiotherapy - **Yasuhito Hagiwara, Japan**

9:20-9:25 Discussion

Session 2 : Anatomy and planning

Moderators : K. Shimizu (Japan) and S. Blackmon (USA)

9:25-9:35 Understanding the nomenclature of lung Segments - **Hisashi Iwata, Japan**

9:35-9:45 Controversies on Segment nomenclature - **Takashi Arai, Japan**

9:45-9:55 Classification of Bronchovascular Branching from 3DCT - **Kimihiro Shimizu, Japan**

9:55-10:05 Anatomical basis and planning of Segmentectomy - **Hideki Miyazawa, Japan**

10:05-10:12 3D modeling - **Liang Chen, China**

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Friday, October 29th, 2021

10:12-10:19 3D printing - **Shanda Blackmon, USA**

10:19-10:25 Discussion of these 2 last topics

10:25 - 10:55 : Break

Session 3 : How to manage Intersegmental Plane (1)

Moderators : J. Usuda (Japan) and A. Sihoe (Hong Kong, China)

Identification

10:55-11:05 Inflation deflation Line - **Liang Chen, China**

11:05-11:15 Use of ICG, Systemic - **Mingyon Mun, Japan**

11:15-11:25 Use of ICG, Transbronchial - **Yasuo Sekine, Japan**

11:25-11:35 Intersegmental Vein - **Hiroyuki Oizumi, Japan**

11:35-11:45 Discussion

Abstract Session

Moderators: Y. Terada (Japan) and S. Yang (Taiwan)

11:45-11:55 A Modified System for Classifying the Bilateral Superior Pulmonary Veins Using Three-Dimensional Computed Tomography Bronchography and Angiography Images
Jun Wang, China

11:55-12:05 Three-Dimensional Partition of Lung Field Based on Depth Ratio - **Jun Wang, China**

12:05-12:15 Developing Virtual Reality Simulation System with Head-mounted Displays for Preoperative Planning of Thoracoscopic Sublobar Resection - **Hideki Ujiie, Japan**

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Friday, October 29th, 2021

Luncheon Symposium by Medtronic

Moderator and special commentator : T. Sato (Japan)

12:15-13:05

Clinical experience with ENB and dye marking to identify smaller nodules prior to resection and powered stapler to optimize safe surgical margins during resection
Masaaki Sato, Japan, Yoshihisa Shimada, Japan

Session 4 : How to manage Intersegmental Plane (2)

Moderators : T. Mori (Japan) and H. Kim (Korea)

Division

13:05-13:15

Electrocautery - **Yoshihiro Miyata, Japan**

13:15-13:25

Blunt dissection - **Yasuji Terada, Japan**

13:25-13:35

Stapler - **Tadasu Kohno, Japan**

13:35-13:45

Consequences of stapling - **Agathe Seguin, France**

13:45-13:55

Discussion

Session 5 : Approaches to Segmentectomy

Moderators : Y. Miyata (Japan) and A. Seguin (France)

13:55-14:03

Hybrid approach - **Yoshihiro Miyata, Japan**

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Friday, October 29th, 2021

- 14:03-14:11 Multiportal approach - **Agathe Seguin, France**
- 14:11-14:19 Uniportal approach - **Diego Gonzalez Rivas, Spain & China**
- 14:19-14:27 Needlescopic assisted VATS - **Shun-Mao Yang, Taiwan**

Session 6 : What are the results of SLR ? And Future Perspectives

Moderators : S. Shiono (Japan) and D.Gossot (France)

- 14:27-14:42 Lung physiology after Segmentectomy - **Hiroaki Nomori, Japan**
- 14:42-14:57 Morbidity of SLR versus Lobectomies - **Christopher Cao, Australia**
- 14:57-15:10 Perspective of Sublobar Resection based on the JCOG Studies (1) - **Satoshi Shiono, Japan**
- 15:10-15:23 Perspective of Sublobar Resection based on the JCOG Studies (2) - **Yoshihiro Miyata, Japan**
- 15:23-15:27 Discussion

15:27 - 15:57 : Break

Session 7 : Clinical cases

Moderators : H. Iwata (Japan) and L.Tan (China)

- 15:57-16:07 Clinical case 1 - **Jun Suzuki, Yamagata Univ**
- 16:07-16:17 Clinical case 2 - **Alessio Mariolo, Institute Curie-Montsouris**
- 16:17-16:27 Clinical case 3 - **René Petersen, Denmark**

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Friday, October 29th, 2021

Session 8 : Sublobar resection : Indications

Moderators : K. Suzuki (Japan) and R. Petersen (Denmark)

- 16:27-16:37 State of the art - **Alex Brunelli, UK**
- 16:37-16:47 For GGOs and Solid tumors - **Kenji Suzuki, Japan**
- 16:47-16:57 Multifocal NSCLC : how to deal with ? - **Alan Sihoe, Hong Kong, China**
- 16:57-17:07 Lymph node dissection for SLRs: why and how ? - **Dominique Gossot, France**
- 17:07-17:17 Discussion
- 17:17-17:32 Lecture: SLR: current evidence and future challenges - **Christopher Cao, Australia**

End of the day

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Saturday, 30th October, 2021

Morning Seminar by Fujifilm

Moderator and special commentator : T. Yoshikawa (Japan)

- 7:30-8:15** Synapse Vincent/3D in Global Field and Future Prospects - Advanced Image Guidance for Minimally Invasive Anatomical Sublobar Resection : Kazuhiro Yasufuku (Canada)
How has preoperative 3D-CT been Widely used in Japan ? - **Kazuhiro Yasufuku, Canada**

Session 9 : Problems with sublobar resections

Moderators : H. Oizumi (Japan) and R. Cerfolio (USA)

- 8:15-8:25** Wedge resection : is it that simple ? Assessment of Surgical margin
Noriyoshi Sawabata, Japan
- 8:25-8:35** Spread through air spaces - **Satoshi Shiono, Japan**
- 8:35-8:45** Does survival differ by Segments ? - **Gaetano Rocco, USA**
- 8:45-8:55** Complications of Segmentectomies - **Dominique Gossot, France**
- 8:55-9:05** Management of local recurrence after Segmentectomy - **Takeshi Mori, Japan**
- 9:05-9:15** Completion lobectomy after Segmentectomy - **Hiroyuki Oizumi, Japan**
- 9:15-9:25** Discussion

Session 10 : Technical Session (Images & Video) 1 : How do I perform precise segmentectomy

Moderators : T. Kohno (Japan) and G. Rocco (USA)

- 9:25-9:35** VATS Segmentectomy, right. S1 - **Tadasu Kohno, Japan**

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Saturday, 30th October, 2021

- 9:35-9:45 VATS Segmentectomy (Uniportal) left S1-3 - **Alan Sihoe, Hong Kong, China**
- 9:45-9:55 Robotic Segmentectomy, right S2 - **Yin-Kai Chao, Taiwan**
- 9:55-10:05 Robotic Segmentectomy, right S7, and S8 - **Robert Cerfolio, USA**

Break : 10h05 - 10h35

Session 11 : Nodule localization

Moderators : M. Sato (Japan) and Yin-Kai Chao, (Taiwan)

- 10:35-10:45 Preoperative localization of the target nodule : overview - **Masaaki Sato, Japan**
- 10:45-10:55 Solid marker localization - **René Petersen, Denmark**
- 10:55-11:05 Transbronchial localization of the target nodule - **Calvin Sze Hang Ng, Hong Kong, China**
- 11:05-11:15 Hybrid OR - **Yin-Kai Chao, Taiwan**
- 11:15-11:25 Augmented fluoroscopic bronchoscopy (AFB) localization - **Shun-Mao Yang, Taiwan**
- 11:25-11:35 Micro-tip signa - **Hiroshi Date, Japan**
- 11:35-11:45 Discussion

Abstract Session

Moderators: M. Chida (Japan) and L. Chen (China)

- 11:45-11:55 ARTISENTIAL™-guided VATS-LASER atypical lung resection of peripheral pulmonary nodules AS A NEW SURGICAL minimally-invasive TECHNIQUE - **Alexander Kern, Germany**
- 11:55-12:05 Lingular Segmentectomy with bronchoplasty for second primary lung cancer after ipsilateral lower Lobectomy - **Jun Amioka, Japan**

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Saturday, 30th October, 2021

12:05-12:15

Individualized Dorsal-basal Segment (S10) Resection by Using Intersegmental Veins as the Landmark - **Zhicheng He, China**

Luncheon Seminar by Olympus

Moderator : H. Oizumi (Japan)

12:15-13:10

The latest tips for Segmentectomy - Fluorescence imaging and Robotic surgery
Yasuo Sekine, Japan, Hisashi Iwata, Japan

Session 12 : Technical Session (Images & Video) 2 : Complex (VATS ?) Segmentectomy

Moderators : M. Mun (Japan) and A. Brunelli (UK)

13:10-13:20

Sleeve Segmentectomy (S6) - **Masayuki Chida, Japan**

13:20-13:30

VATS Subsegmentectomy - **Liang Chen, China**

13:30-13:40

VATS Individual Segmentectomy of Basilar Segment - **Hiroyuki Oizumi, Japan**

13:40-13:50

Robotic Segmentectomy - **Kenji Suzuki, Japan**

13:50-14:00

Robotic Segmentectomy, right S8+9 - **Kelvin Lau, UK**

14:00-14:10

Complex VATS Segmentectomy - **Lijie Tan, China**

14:10-14:20

Discussion

13:50-14:00

Robotic Segmentectomy, right S8+9 - **Kelvin Lau, UK**

14:00-14:10

Complex VATS Segmentectomy - **Lijie Tan, China**

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Saturday, 30th October, 2021

14:10-14:20 Discussion

Session 13 : How to manage air leakage during and after operation ?

Moderators: H. Date (Japan) and A. Sihoe (Hong Kong, China)

14:20-14:30 Japanese style - **Takeshi Mori, Japan**

14:30-14:40 European style - **René Petersen, Denmark**

14:40-14:50 Chinese style - **Alan D Sihoe, Hong Kong, China**

14:50-15:00 Discussion

Break : 15h00 - 15h30

Abstract video Session

Moderators: Y. Sekine (Japan) and K. Lau (UK)

15:30-15:40 Thoracoscopic right S9+10 Segmentectomy: subxiphoid approach and anatomical multimodal planning strategy - **Karel Pfeuty, France**

15:40-15:50 Uniportal VATS Left S1+2c+S3a combined Subsegmentectomy - **Kei Sakamoto, Japan**

15:50-16:00 Thoracoscopic Sub-Subsegmentectomy of hamartoma: collateral ventilation method for intersegmental plane identification - **Fei Yao, China**

16:00-16:10 Closing Remarks - **D. Gossot, France**

End of the conference