

36th International Conference on Screening for Lung Cancer

How Lung Cancer Can Be Defeated with Early Detection

Friday and Saturday, May 5th & 6th, 2017

Sheraton Hotel, Pfingstweidstrasse 100
Zurich, Switzerland

The broad mission of these conferences is to understand the emerging issues surrounding early diagnosis and early treatment of lung cancer. Beginning with the **Early Lung Cancer Action Program (ELCAP)**, which evolved into the International program (**I-ELCAP**), the focus has always been on practice-relevant research. CT screening for lung cancer has been approved in some countries; and thus the Friday morning sessions focus on how to implement state-of-the-art screening in various practice settings throughout the world.

To fully realize the benefit of CT screening, the treatment of stage I lung cancer must be optimized. This is the goal of the **Initiative for Early Lung Cancer Research on Treatment (IELCART)** and the sessions on Friday afternoon focus on these concerns.

The sessions on Saturday focus on other risk factors for lung cancer, quantitative assessments of CT scans, and abnormalities which can be identified on low-dose CT scans of the chest.

Friday, May 5th

- 09:00-09:15** **Conference Welcome.** T. Sczus, MD, PhD, President of Helsana
- 09:15-10:00** **I-ELCAP Welcome.** J. P. Smith, Advisory Board
I-ELCAP Update. C. Henschke, Founder and Director of I-ELCAP
- 10:00-10:40** **How to build up, finance and run a successful national/regional program to find early lung cancer: current status.** Moderator: J. Mulshine
Implementation and challenges in the US. S. Ross
Components of US infrastructure. A. Jirapatnakul
The word on the street about screening. F. Grannis
- 10:40-11:05** *Coffee Break and Group Photograph*
- 11:05-12:00** **How to build up, finance and run a successful national/regional program to find early lung cancer: emerging examples.** Moderator: J. Mulshine
A private university setting. J. Zulueta
A public medical setting. C. Arce-Martinez
A national program. D. Shaham
Screening in china. W. Tang
Screening outreach in the largest single payor system:
Veterans Administration Healthcare System. S. Aguayo

- 12:00–12:45** **How to build up, finance and run a successful national/regional program to find early lung cancer: quality monitoring.** Moderator: J. Mulshine
Infrastructure. A. Reeves
Quality monitoring. R. Avila
Cost effectiveness of lung cancer screening. B. Pyenson
- 12:45–13:30** *Lunch*
- 13:30–14:10** **How to build up, finance and run a successful national/regional program to find early lung cancer: emerging opportunities.** Moderator: J. Mulshine
Target group, advertising, cooperative efforts, administration. J. Hurter
Radiology partners, medical assistance, communication with participants. K. Klingler
- 14:10–14:40** **Panel Discussion**
- 14:40– 15:00** *Coffee Break*
- 15:00-17:00** **Treatment of early lung cancer.** Moderator: F. Grannis
IELCART protocol and update on enrollment. C. Henschke
The frequency of stage I types of surgery in Switzerland. O. Schöb
Stage I lung cancer in Poland: lobectomy vs. sublobar resection. W. Rzyman
Like Swiss clockwork: stereotactic radiology of stage I lung cancer. J. Curschmann
VALOR, a randomized trial of surgery vs. SBRT. D. Moghanaki
Challenges with delayed enrollment in RCTs. B. Becker
Considerations about pre- and post-treatment quality of life. R. Schwartz
Immunotherapy in early stage lung cancer. C. Renner
- 17:00–18:00** **LECTURE** Europe is awakening: early lung cancer detection is gaining ground. J. Pedersen
- 18:00-18:45** **IELCART Meeting (Members Only)**
- 19:30-22:00** **Conference Dinner** (Schmiden Guild Hall)
(*ZunftHaus zur Schmiden's entrance: Marktgasse 20, at the corner of Rindermarkt*)

Saturday, May 6th

- 09:00–10:00** **Considerations of other exposures at risk for lung cancer.** Moderator: T. Scherer
Radon exposure in Switzerland. C. Murith
Secondhand tobacco smoke exposure. D. Yankelevitz
Screening in an asbestos-exposed community. A. Miller
Screening of asbestosis workers in Switzerland. S. Stöhr
- 10:00–10:15 *Coffee Break*
- 10:15–12:00** **Quantitative assessment of CT scans.** Moderator: T. Scherer
Considerations regarding screening intervals. D. Yankelevitz
Integration of biomarkers. L. Montuenga
Update on screening protocols. K. Li
Measuring image quality. R. Avila
Volumetrics: ready for primetime. A. Reeves
Monitoring dose and quality of screening studies. G. Veronesi
- 12:00–12:30** **Panel discussion: impediments to European screening.**
Moderator: D. Yankelevitz
Panel: J. Fields, K. Klingler, W. Rzyman, G. Veronesi, J. Zulueta
- 12:30–13:30 *Lunch*
- 13:00–13:15** **Quantitative radiomics for small solid nodules.** X. Liu
- 13:30–15:00** **Findings of early disease in other thoracic organs.** Moderator: M. Padilla
Liver diseases. A. Branch
SCCT/STR guidelines for reporting CAC. J. Shemesh
Breast cancer. L. Margolies
Emphysema. J. Gonzalez-Gutierrez
- 15:15–15:30** **Physiologic changes after lung resection.** E. Lewis
- 15:15–15:30 *Coffee Break*
- 15:30–16:30** **Interstitial lung disease: finding it early.** Moderator: A. Piecyk
Interstitial Lung Disease (ILD) Registry. M. Salvatore
Natural course of usual interstitial lung disease. M. Padilla
Incidentally-detected ILD on screening CT scans. T. Herren
Quantifying the extent of disease. A. Jirapatnakul
- 16:30–16:45** **Summary and conclusions of the meeting.** C. Henschke, K. Klingler
- 17:00–18:00** **I-ELCAP Steering Committee Meeting**