

31th International Conference on Screening for Lung Cancer

October 18-19, 2014

The broadest mission of these Conferences is collective pursuit of understanding the issues surrounding early diagnosis and early treatment of lung cancer. Starting with the Early Lung Cancer Action Program (ELCAP), which evolved into the International (I)-ELCAP, the focus has always been on practice-relevant research. CT screening for lung cancer continues to be implemented throughout the world and guidelines are increasingly being developed by many organizations, most recently, the US Preventive Services Task Force (USPSTF). The focus of this conference is on the research needed for further development of policies by clinical entities (professional societies, medical institutions, insurance companies) and by public (government) ones to address the benefit of the screening and concerns about its potential harms.

Location:

Saturday, October 18, 2014

9:00 – 9:30 **Welcome.** J. He, President, Cancer Hospital, Chinese Academy of Medical Sciences
S. Liu, Vice-President of the Chinese Society of Radiology
J. P. Smith, Advisory Board, I-ELCAP
Conference Plan. C. Henschke

9:30 – 10:30 **I-ELCAP Update.** Moderator: J. P. Smith
Update on results and partnerships – C. Henschke
Update on image analysis and image quality assurance – A. Reeves

10:30 – 11:00 **Coffee Break and Group Photo**

11:00 – 12:00 **Lung Cancer in China.** Moderator: N. Wu
Surgical treatment for early stage lung cancer in China – Y. Mao
Lung cancer screening – N. Wu

12:00 – 1:00 **Lunch**

1:00– 1:30 **Cost Effectiveness Analysis.** Moderator: C. Henschke
– B. Pyenson, Milliman Inc.

1:30– 2:00 **Policy Considerations in the Implementation of a National Screening Program.**
J. Mulshine

2:00 – 2:15 **Coffee Break**

2:15 – 4:00 **Therapeutic Trials.** Moderator: F. Grannis
Probability of malignancy: imaging considerations – D. Yankelevitz
Necessary vs. "unnecessary" surgery – F. Grannis
Treatment options for early lung cancer – A. Kaufman
Panel Discussion: Examples and surgical considerations
– J. Mao, A. Kaufman, D. Yankelevitz

4:00 – 5:00 **Special Session of Imaging Presentations**
Volume DR and its value in early detection and diagnosis – C. Wang
Clinical application of Gemstone Spectral CT in lung – Y. Gao

4:00 – 5:00 **I-ELCAP Steering Committee Meeting (Members Only)**

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Sunday, October 19, 2014

- 9:00 – 10:30** **Technologic Considerations.** Moderator: A. Reeves
Industry perspective for CT development – Edda Technology
CAD in nodule detection – A. Jirapatnakul
PET scans for subsolid nodules – Y. Liu
MIP imaging – W. Tang
CT scanner measurement uncertainty – R. Avila
- 10:30 – 10:45** **Coffee Break**
- 10:45 – 12:00** **Added Benefits of Low-dose CT Screening.** Moderator: J. Mulshine
Tobacco-related diseases – J. Mulshine
Cardiovascular disease – J. Shemesh
Emphysema, COPD, and Biomarkers – J. de la Torres
Smoking Cessation – C. Henschke
Breast disease – D. Yankelevitz
Other potential benefit of screening COPD patients – J. de la Torres
- 12:00 – 1:00** **Lunch**
Interesting Case Presentation. Moderator: D. Yankelevitz
- 1:00 – 2:00** **Advancing Collaboration and Education.** Moderator: D. Yankelevitz
Registry for Screening Excellence – D. Yankelevitz
I-ELCAP communication and teaching File – D. Shaham
I-ELCAP initiatives to advance research – C. Henschke
Legal implications – L. Goldsmith
- 2:00 – 3:00** **Future Directions.** Moderator: C. Henschke
Decision aids – D. Shaham
Integrating with the electronic medical record – R. Avila
Impact of nodule measurement – 1D, 2D, and 3D – R. Yip
Individualizing the screening – D. Yankelevitz
- 3:00 – 3:15** **Coffee Break**
- 3:15 – 4:15** **Screening Management Workshop.** Moderators: V. Beckler, S. Farrell, A. Manowitz