

25th International Conference on Screening for Lung Cancer
Hadassah Medical Organization, Dan Hotel, Jerusalem, Israel
October 24-25, 2011

The broadest mission of these Conferences is collective pursuit of understanding of the issues surrounding early diagnosis and early treatment of lung cancer. The focus of the Early Lung Cancer Action Program (ELCAP), which evolved into the International (I)-ELCAP, has always been on practice-relevant research. The key result of the NLST (National Lung Screening Trial) has now made the practice of the screening a timely concern, using a state-of-the-art regimen so as to minimize unnecessary workup and surgery. Practice naturally will produce data for further research and development of the screening process.

Monday Morning, October 24, 2011

Dan Hotel, Jerusalem, Israel

8:00 – 9:00 **Welcome.** Moderator: D. Shaham, J.P. Smith
Director General, Hadassah Medical Organization – S. Mor-Yosef
Mayor of Jerusalem – N. Barkat
Department of Oncology – T. Peretz
Department of Radiology – J. Sosna
Special lecture on Jerusalem in Judaism, Christianity, and Islam – S. Kaplan

9:00 – 10:00 **Updates.** Moderator: F. Grannis
Updates on lung cancer screening practice guidelines – J. Mulshine
Background and core result of the NLST – D. Yankelevitz
Modeling of the NSLT data: the role of CISNET – M. Kimmel
The NLST from a clinician's perspective – J.P. Smith
What is knowable about the screening today – D. Yankelevitz
Discussion

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

10:30 – 11:00 **I-ELCAP Update.** Moderator: P. Meyers
Critique of I-ELCAP, with responses – D. Yankelevitz
Future plans – C. Henschke

11:00 – 12:30 **I-ELCAP as a Global Network of Practice and Research**
– Moderator: J. P. Smith
Concept of the Network – C. Henschke
Israel – D. Shaham/A.Shmueli
Europe –
 Spain - J. Zulueta
 Italy – S. Giunta/S. Canitano
 Poland – W. Rzyman
China –
 I-ELCAP Beijing – N. Wu
 I-ELCAP Zhuhai – X. Liu
United States –
 Veterans Administration in the US – S. Aguayo
 Department of Energy – S. Markowitz/A. Miller
 New York City Project – D. Yankelevitz

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Monday Afternoon, October 24, 2011
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- 12:30 – 14:00** **Lunch**
- 14:00 – 15:00** **Central Functions of the Network.** Moderator: C. Henschke
Support of practice and support of research – C. Henschke
The Cloud environment and infrastructure support for research – A. Reeves
Quantitative imaging in practice and research – J. Mulshine*
*Sponsored by the Israel Cancer Association
- 15:00 – 15:30** **Coffee Break**
- 15:30 – 16:30** **Special Topics for Research.** Moderator: L. Montuenga
Advancing the knowledge base of medicine: an industrial perspective
– K. Miettinen
Devices for calibration of nodule growth and radiation dose – R. Avila
The electronic nose – N. Peled
Inflammation – D. Wallach
- 16:30 – 17:30** **Keynote lecture.** Moderator: V. Rotter
Lung cancer research at the Weizmann Institute – V. Rotter
Novel risk biomarkers based on DNA repair for prevention
and early detection of lung cancer – Z. Livneh
- 18:30** **Night Tour of Jerusalem**

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Tuesday, October 25, 2011
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- 9:00 – 10:30** **The Nonsolid Nodule.** Moderator: D. Yankelevitz
Current practice:
 Imaging – D. Shaham
 Growth assessment – A. Reeves
 Pathology – M. Lozano
 Surgical treatment – R. Flores
Critical discussion
- 10:30 – 11:00** **Coffee Break**
- 11:00 – 12:30** **Selected Presentations.** Moderator: F. Grannis
Limited resection with intraoperative brachytherapy in high risk patients
 – C. Connery
Radiofrequency ablation for small lung cancers – L. Appelbaum
Correlation of low-dose CT coronary calcification and Agaston
 scores – J. Shemesh
Importance of lung cancer size – O. Gorlova
Challenges in the evaluation of nodules – A. Onn
Smoking cessation efforts in Israel – I. Lev/ A. Hausner
- 12:30 – 13:00** **Poster Presentations.** Moderator: X. Liu
- 13:00 – 14:00** **Lunch**
- 14:00 – 15:30** **Steering Committee Meeting**