



HANDS-ON TRAINING SESSIONS

Hands-On Training Sessions are the newest addition to the WCLC Scientific Programme. These sessions are specifically designed for Young Investigator's (35 years of age or younger) and will provide a fantastic opportunity to receive one-on-one guidance from leading international experts. Specifically the Hands-On Sessions on Radiotherapy and Endoscopy will guarantee a wonderful and valuable learning experience by providing the chance for repeated self performances using various systems and models.

We hereby ask your consideration to participate in these workshops and support us in our endeavor to make these sessions a great success. The Hands-On Sessions are unique as they allow active interaction between international experts and talented young colleagues, particularly from developing countries. Any support either by providing equipment for the Endoscopy Sessions or financial support to help offset the costs for tutors, equipment and materials will significantly benefit this new format and will help to offer these sessions again at future conferences.

Sponsors and supporters will be offered company logo recognition in all printed announcements, On-Site Programme and Conference website as well as verbal recognition during the session.

For further information regarding financial support, please contact:

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HO 1.1: IMPLEMENTING IMAGE GUIDED (IGRT) AND STEREOTACTIC ABLATIVE RADIOTHERAPY (SBRT)

Proposed Sponsorship: 20,000 Euro

Location: Radiation Oncology VU Medisch Centrum Amsterdam
Date: Sunday, 3 July 2011
Time: 13:00 - 15:00 and 15:00 - 17:00
Maximum number of attendees: 25 per course

Faculty

Cornelius Haasbeek
Max Dahele
W. Verbakel
Suresh Senan
Johan Cuijpers
J.R. van Sörnsen de Koste

Course Description

After attending this course, attendees should be able to:

- Describe indications for SABR in a stage I NSCLC and oligometastases and the use of 'risk adapted' fractionation schemes
- Understand use of 4-D imaging, cone-beam CT scans and volumetric modulated arc in delivery of SABR
- Appreciate the steps in treatment planning and verification during concurrent chemo-radiotherapy in stage III NSCLC

Preliminary Agenda:

- Presentations:
 - SABR for stage I NSCLC - Patient selection, fractionation schemes (Cornelius Haasbeek, 10mins)
 - Oligometastases: Indications and dose fractionation schemes (Max Dahele, 10mins)
 - SABR for lung malignancies - Imaging & physics considerations (W. Verbakel, 10mins)
 - IGRT protocol for a stage III lung cancer (Suresh Senan, 10mins)
 - 10mins discussion following each talk
- Demonstrations:
 - Motion Phantom and 4D workstation (J.R. van Sörnsen de Koste, 20mins)
 - Demonstration of on-line imaging on a linear accelerator: Cone-beam CT, Gated Kilo-Voltage Images, Megavoltage Cine Movies, Intra-Fraction Motion Review Software (Johan Cuijpers, 20mins)

Notes

- Light refreshments will be provided to delegates
- Transportation to and from RAI will be provided



HO 1.2: DEMONSTRATION MULTIDISCIPLINARY MEETING FOR TREATMENT DECISION MAKING

Proposed Sponsorship: 20,000 Euro

Location: Academic Medical Center, University of Amsterdam
Date: Sunday, 3 July 2011
Time: 13:00 - 14:30 (2nd course possible if first course sells out)
Maximum number of attendees: 65 per course

Faculty
TBA

Course Description

The aim of this course is that:

- Attendees learn the value of interdisciplinary discussion about treatment choices
- Attendees have tools for organizing comparable meetings at home

Preliminary Agenda

6 Patient Histories will be interactively discussed with the audience (Audience - Response System)

Note

- Transportation to and from RAI will be provided



HO 1.3: TEACHING COURSE ON SBRT AND OTHER IMAGE GUIDED RT TECHNIQUES FOR LUNG CANCER IN PRACTICE

Proposed Sponsorship: 20,000 Euro

Location: The Netherlands Cancer Institute, Antoni van Leeuwenhoek Hospital
Date: Sunday, 3 July 2011
Time: 12:00 - 17:00
Maximum number of attendees: 120

Faculty
TBA

Course Description

After attending this course attendees should be able to:

- Understand the relevance of imaged guided radiotherapy for lung cancer patients
- Describe indications for SBRT and high dose RT

Preliminary Agenda

Introduction to the course (Group A and B together)

Group A: Lectures
Demonstrations in the Department of Radiation Oncology

Group B: Demonstrations in the Department of Radiation Oncology
Lectures

Lectures

1. Image Guided RT: Introduction
2. Clinical Perspective on SBRT and IMRT for Lung Cancer
3. Incorporation of PET Scan in Target Definition and Treatment Planning
4. Normal Tissue Complication Probability Models and their Applications
5. Target Definition and Observer Variation
6. Clinical Implementation and Verification of New Irradiation Techniques (VMAT)

Demonstrations

1. Target Volume Definition and Delineation in Practice Using Multi-Modality Imaging
2. Acquisition and Utilization of a 4D PET/CT Scan
3. IMRT and SBRT Treatment Planning
4. Portal Dosimetry Verification of IMRT and VMAT
5. 4D CBCT Image Guidance
6. Adaptive Radiotherapy

During the demonstrations attendees will have hands-on (max. 12 persons per group) in different parts of the department.

Note

- Transportation to and from RAI will be provided



HO 2: PET: OPTIMIZING INTERPRETATION BY E-LEARNING

Proposed Sponsorship: 20,000 Euro

Location: Clinical Training Center of the Department of Nuclear Medicine & PET Research of the VU Medical Center
Date: Sunday, 3 July 2011
Time: 13:00 - 15:00 and 16:00 - 18:00
Maximum number of attendees: 32 per course

Faculty
Emile Comans
Ronald Boellard

Course Description:

The aim of the workshop is to give the participants an idea of how eLearning can play a role with respect to quality improvement of the use of PET-CT in NSCLC patients (communication between the different disciplines and quality of reporting PET-CT studies).

Preliminary Agenda:

- Three short lectures (approx. 30 minutes)
 - Need for Standardization of Information obtained from a PET-CT Study from a Clinical Perspective
 - Standardization of Patient Preparation and Image Acquisition/Reconstruction
 - Standardization of the PET-CT Report
- 2 clinical cases from the VUMC eLearning environment (remote desktop connection for advanced viewing of images)

Note

- Transportation to and from RAI will be provided



International Association for the Study of Lung Cancer

IASLC



14TH WORLD CONFERENCE ON LUNG CANCER
JULY 3-7, 2011 AMSTERDAM RAI, THE NETHERLANDS

WWW.2011WORLDLUNGANCER.ORG | WWW.IASLC.ORG

HO 3: STATISTICAL COURSE - FUNDAMENTAL STATISTICS FOR CLINICAL RESEARCHERS

Proposed Sponsorship: 20,000 Euro

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 15:00 and 16:00 - 18:00
Maximum number of attendees: 50 per course

Faculty
Mary Redman
Stefan Michiels

Course Description

Fundamental concepts of statistics for the clinical investigator will be presented in this course, including p-values, significance, power, sample size estimation, endpoints in survival analysis, Kaplan Meier curves, HR, Cox regression analysis, interaction and subgroup analysis.

The course will be interactive and participants will be encouraged to answer questions and contribute to the discussion of examples. The accent will be on the practical and intuitive understanding of the concepts rather than on the mathematics. The objective is to allow clinical researchers to successfully interpret scientific publications.

Course material will include copy of the slides and a list of useful references for further reading.

Preliminary Agenda

Two lectures of 45 minutes each + 30 minutes discussion of a recent medical paper.



HO 4: EGFR Mutation and ALK Testing Methods in Diagnostic Pathology

Proposed Sponsorship: 20,000 Euro

Location: VU Medical Centre
Date: Sunday, 3 July 2011
Time: 12:30 - 15:30 (no repetition)
Maximum number of attendees: 96

Faculty

Erik Thunnissen
Maria Arcila
Yasushi Yatabe
Danielle Heideman
Michelle Woods
Jin-Haeng Chung
Marileila Varella Garcia

Description of course:

EGFR mutation and ALK analysis are crucial biomarkers for individualized treatment of patients with lung cancer. Short lectures will be provided on HOW to test: e.g. specific techniques for EGFR mutation analysis used in different countries around the world (PCR-sequencing, Mass spec, Cycleave, PCR- Invader, PCR clamping, DXS kit, high resolution melting) and ALK analysis (immunohistochemistry and in-situ hybridization) and pathology reporting.

Preliminary Agenda

12:00 Bus departure from RAI
12:30 - 12:45 Histology / Cytology Input for DNA Analysis - Erik Thunnissen
12:45 - 13:05 PCR Sequencing, Mass Spec - Maria Arcila
13:05 - 13:25 Cycleave, PCS-Invader, PCR Clamping - Yasushi Yatabe
13:30 - 13:45 High Resolution Melting - Danielle Heideman
13:45 - 14:15 Break
14:15 - 14:35 Pyrosequencing/Cold PCR - Michelle Woods
14:35 - 14:45 (Quantitative) Immunohistochemistry Limitations - Erik Thunnissen
14:45 - 15:00 ALK Immunohistochemistry - Jin-Haeng Chung
15:00 - 15:15 ALK Fluorescent In-Situ Hybridisation - Marileila Varella Garcia
15:15 - 15:30 Erik Thunnissen
15:30 End of course, bus transfer to RAI

Notes

- Transportation to and from RAI will be provided



HO 6.1.: ENDOSCOPY - INTERACTIVE STOP AND GO

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 40

Faculty

Hagen Biermann
Henri Colt
Beishuizen
Charles Hugo Marquette
Linda Penninx

Course Description:

After a theoretical introduction in CRM a role-playing team shows 2 different clinical scenarios to demonstrate various manners of team-interaction, illustrating the impact of CRM for patient safety. The clinical scenario will be presented in a stepwise manner to the participants in the audience. Each participant will be given a voting pad and follow the clinical scenario live and by video-stream.

Every step will be discussed in a proactive manner, moderated by experts and the team will execute the chosen decision by the audience. The consequence of handling as requested by the audience will have impact on the following steps. Changes in vital parameters and clinical situation will subsequently become apparent, which urges the team to execute the next step after consultation with the audience.

Preliminary Agenda:

- Presentation: 'Crew Resource Management and Patient Safety'
- 'Stop and Go' Scenario 1: Interactive simulation with 'full scale patient simulator', live-bronchoscopy of the manikin and team-(inter)action via live stream, audience participation via voting pads
- 'Stop and Go' Scenario 2
- Discussion

Equipment Required

Simulator

IMPORTANT NOTE:

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Notes

- Lunch will be provided at beginning of session



HO 6.2.: ENDOSCOPY - E-ULTRASOUND FOR LYMPH NODE STAGING

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 20

Faculty

Jouke Annema
Felix Herth
Arthur Slubowski
Kurt Tournoy
Ko Pen Wang

Course Description:

The aim of the course is to discuss and practice mediastinal lymph node staging using endobronchial and esophageal ultrasound. In short lectures the mediastinal nodal anatomy, EBUS and EUS techniques, indications and limitations will be addressed. The twenty participants will practice their endosonography biopsy skills on dummies using various endoscopes, needles and dummies. In an interactive case discussion, various lung cancer staging problems will be addressed. Finally participants will be given tips and tricks on how to set up an EBUS/ EUS service.

Preliminary Agenda

13:00 - 13: 10 Registration & Lunch
13:10 - 13: 15 Welcome, Outline of the Meeting: Felix Herth & Jouke Annema
13:15 - 13: 30 Mediastinal Anatomy and TBNA - Ko Pen Wang
13.30 - 13: 45 EBUS Technique, How to Do It - Felix Herth
13.45 - 14. 00 EUS Technique, How to Do It - Jouke Annema
14:00 - 14: 45 Hands-On Session Part 1 (rotating)
Supervision by Faculty

Station 1*: EBUS radial/ linear - Felix Herth
Station 2*: EBUS linear - Jouke Annema
Station 3**: EUS linear - Arthur Szubowski
Station 4**: EUS linear - Kurt Tournoy
Station 5: Endosonography simulator - Ko Pen Wang

*same topic for station 1 and 2 but with equipment from two different companies

**same topic for station 3 and 4 but with equipment from two different companies

14:45 - 15:00 Break (Refreshments)
15:00 - 16:15 Hands-On Session Part 2 (rotating)
16:15 - 16:30 Interactive Cases Discussion - Arthur Szubowski
16:30 - 16:45 How to Set up an Endosonography Service - Kurt Tournoy
16:45 - 17:00 Evaluation and Course Feedback with Auditor IASLC
(Prof. Masahiro Tsuboi) - Prof. Felix Herth & Dr. Jouke Annema



Equipment Required

Station 1:

- Linear scope, ultrasound machine (EU-ME 1)
- Needles + dummy, Nodal maps

Station 2:

- Linear EBUS scope + ultrasound machine (Preirus)
- Needles + dummy
- Nodal maps

Station 3:

- Simulator, scope, needle

Station 4:

- Linear scope + ultrasound machine
- Needle + dummy, nodal maps

Station 5:

- Linear scope + ultrasound machine
- Needle + dummy
- Nodal maps

IMPORTANT NOTE:

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Notes

- Lunch boxes will be provided to delegates at the beginning of the session
- Coffee, tea and refreshments will be provided to delegates during the session break



HO 6.3.: ENDOSCOPY - PLEURAL (WITH MESOTHELIOMA)

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 20

Faculty

Fergus Gleeson
Warner Prevoo
Matthew Peters
Michel van den Heuvel
Wouter Zuurmond

Course Description:

The aim of this course is to improve the selection, planning and performance of pleural procedure for the diagnosis, active treatment and palliation of thoracic malignancy.

After this course, attendees should:

- understand the principles and application of pleural ultrasound to identify critical normal structures and thus avoid procedural complications
- be able to use ultrasound to guide pleural fluid sampling and biopsy
- be able to more safely insert intercostal catheters and tunneled pleural fluid drainage systems
- be able to place pleural catheters to aid the management of pain in suitable patients with mesothelioma

Suggestions for pre-reading material will be supplied in advance of the WCLC.

Preliminary Agenda

13:00 - 13:10 Registration and Lunch
13:10 - 13:30 Introduction (Matthew Peters, Michel van den Heuvel)
13:30 - 13:35 Brief Programme Introduction and Allocation to Groups
13:35 - 14:55 Hands-On Session Part 1
14:55 - 15:10 Break (Refreshments)
15:10 - 16:30 Hands-On Session Part 2

Station 1: Thoracic Ultrasound - Fergus Gleeson
Station 2: Ultrasound Guided Needle Biopsies - Warner Prevoo
Station 3: Pleural and Tunneled Indwelling Catheter and Drainage Systems - Michel van den Heuvel
Station 4: Alternative Palliative Procedures for Pleural Disease - Matthew Peters

The group then comes back together for lecture and feedback:

16:30 - 16:50 Complementary Lecture on Palliative Care and Pain Management
16:50 - 17:00 Discussion and Feedback



Equipment Required

Station 1:

- 2 Ultrasound machines

Station 2:

- Ultrasound machines
- Biopsy dummies
- Needles
- Beamer

Station 3:

- Artificial Skin patches
- indwelling pleural catheter
- CD-Roms with practical aspects of placement IPC's in human

Station 4:

- Other pleural catheters
- Fluid dummies
- Suture Material
- Thopaz pleural drainage system

IMPORTANT NOTE:

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Notes

- Lunch boxes will be provided at beginning of course
- Refreshments (coffee/tea) will be provided during break



HO 6.4.: ENDOSCOPY - EARLY DETECTION AND ENDOBRONCHIAL THERAPY

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 20

Faculty

Katrien Grunberg
Bill Krimsky
Fumihiko Asano
Stephen Lam
Joachim Aerts

Course Description:

The aim of this course is to optimize diagnosis and treatment of early lung cancer in the central airways and diagnosis of small peripheral lung lesions and to discuss the role of the endoscopist as part of a multi-disciplinary team in the management of early lung cancer.

Following short lectures, the twenty participants will rotate through different stations to test their bronchoscopy skills. Experienced faculties will be present in each station to guide you through the different technologies that are available for localization of early lung cancer in the central airways and peripheral lung, such as autofluorescence bronchoscopy, NBI, different sizes of videobronchoscopes, mini-radial ultrasound probes and virtual bronchoscopic navigation devices. Using specimens, the tissue effects of electrocautery, argon plasma coagulation and cryotherapy will be demonstrated.

Preliminary Agenda

13:00 - 13:10 Registration & Lunch
13:10 - 13:20 Welcome: Stephen Lam and Joachim Aerts
13:20 - 13:40 Concepts of Early Intervention and Spectral Imaging: Joachim Aerts
13:40 - 14:05 Procurement, Processing and Interpretation of Small of Bronchoscopic Biopsy specimens: Katrien Grunberg
14:05 - 14:25 Tissue Effects of Electrocautery, Plasma Argon Coagulation and Cryotherapy - Bill Krimsky
14:25 - 14:45 Construction of Virtual Bronchoscopy Map - Fumihiko Asano
14:45 - 15:00 Break (Refreshments)
15:00 - 16:45 Hands-On Workshop: 4 stations rotational self-training under guidance/tutorship of faculties

Station 1: AF and NBI Bronchoscopy. Test your Skill with Simulator - Stephen Lam

Station 2: Construction of Virtual Bronchoscopy Map - Fumihiko Asano

Station 3: Localization of Peripheral Lung Lesions Using Ultrathin Bronchoscope, Radial Ultrasound and Electromagnetic Navigation Systems - Fumihiko Asano, Bill Krimsky

Station 4: Use Electrocautery/Argon Plasma for Coagulation of Bleeding - Joachim Aerts

16:45 - 17:00 Evaluation and Course Feedback with Auditor BOD IASLC (Elizabeth Brambilla) - Joachim Aerts, Stephen Lam



Equipment Required

Station 1:

- Various Bronchoscope systems (light source, processor, AF Videobronchoscope and monitor)* + bronchial tree model
- Bronchoscopy Simulator

Station 2:

- Construction of Virtual Bronchoscopy Map
- Various systems (planning computer, software and monitor)

Station 3:

- 4 mm videobronchoscope, ultrathin bronchoscope, light source, processor, monitor, sheathed radial ultrasound probes, ultrasound processor, biopsy forceps, peripheral lung nodule model
- Various Electromagnetic Navigation system incl. own bronchoscope, light source, processor and peripheral lung lesion model incl. navigation catheters and biopsy forceps

Station 4:

- Electrocautery and Argon Plasma generators, cryotherapy device including catheters and applicators

IMPORTANT NOTE:

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Note:

- Lunch will be provided at the beginning of session



HO 6.5.: ENDOSCOPY - RIGID BRONCHOSCOPY AND AIRWAY STENTING

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 20

Faculty to be invited

Hans Daniels
Hervé Dutau
Christophe Doms
Lutz Freitag
Emmanuel Martinod

Course Description:

The aim of this course is to provide participants with knowledge and skills to work with rigid bronchoscopy and its applications, with special focus on malignant disease (debulking and stenting) and to inform the audience with current development in tracheal bio-engineering.

Through the use of models and several rigid bronchoscopy systems, the principles of rigid bronchoscopy are demonstrated. With additional models the participants can acquire skills on relevant techniques for treating malignant airway disease. The participants can practice debulking of central lung tumors and the positioning of several types of stents (silicone and expandable) in the airways.

Preliminary Agenda

13:00 - 13:10 Registration & Lunch
13:10 - 13:20 Welcome: Dr. Hans Daniels & Dr. Hervé Dutau

13:20 - 13:35 Set-up and Handling of the Rigid Bronchoscope - Prof. Dr. Christophe Doms
13:35 - 14:20 Hands-On Session I: Introduction and Handling

14:20 - 14:35 Debulking of Central Airway Lesions - Dr. Hervé Dutau
14:35 - 15:20 Hands-On Session II: Debulking a Central Airway Tumor

15:20 - 15:45 State-of-the-Art Lecture: Allotransplantation, Bio-Engineering and other Techniques for Reconstruction of Tracheal Defects - Prof. Dr. Emmanuel Martinod

15:45 - 16:00 Airway Stenting - Prof. Dr. Lutz Freitag
16:00 - 16:45 Hands-On Session III: Stenting a Central Airway Tumor

16:45 - 17:00 Evaluation and Course Feedback with Auditor BOD IASLC
Hans Daniels & Hervé Dutau

Stations: the four stations will be equipped equally. Tutors will be Hervé Dutau, Christophe Doms, Lutz Freitag and Hans Daniels.



Equipment Required

Station 1:

- rigid bronchoscopy column, scop, forceps, electrocautery probe
- flexible videobronchoscope (inner diameter $\geq 2.8\text{mm}$)
- Normal bronchoboy and 2 models with central airway tumors for session II and III
- Bronchial blockers
- Electrocautery and cyrotherapy system

Station 2:

- rigid bronchoscopy column, scop, forceps, electrocautery probe
- flexible videobronchoscope (inner diameter $\geq 2.8\text{mm}$)
- Normal bronchoboy and 2 models with central airway tumors for session II and III
- Bronchial blockers
- Electrocautery and cyrotherapy system (ERBE)

Station 3:

- rigid bronchoscopy column, scop, forceps, electrocautery probe
- flexible videobronchoscope (inner diameter $\geq 2.8\text{mm}$)
- Normal bronchoboy and 2 models with central airway tumors for session II and III
- Bronchial blockers
- Electrocautery and cyrotherapy system

Station 4:

- rigid bronchoscopy column, scop, forceps, electrocautery probe
- flexible videobronchoscope (inner diameter $\geq 2.8\text{mm}$)
- Normal bronchoboy and 2 models with central airway tumors for session II and III
- Bronchial blockers
- Electrocautery and cyrotherapy system

IMPORTANT NOTE:

It is the responsibility of the equipment sponsor to arrange for transportation to and from the RAI Convention Centre in Amsterdam and to set up the equipment in the session room properly. Sponsors are responsible for obtaining insurance in such an amount as deemed necessary for their own protection during the session of the course, including transport. At least one employer of the company is required to be present during set up and dismantle of the equipment as well as during the session itself to assist and answer any questions that may arise. All equipment for this session needs to be delivered to the RAI and set up in the meeting room on Saturday morning, July 2nd. The Chairs of each session will meet on Saturday afternoon to check the meeting room and equipment setup. A final check with all international tutors will be scheduled for Sunday morning, July 3rd. Times and location will be announced closer to the Conference. All equipment needs to be dismantled and removed from the session immediately after the course on Sunday, July 3rd.

Note

- Lunch boxes will be provided at beginning of course
- Refreshments (coffee/tea) will be provided during break



HO 6.6.: ENDOSCOPY - MANAGEMENT OF UPPER AIRWAY AND MASSIVE HAEMOPTYSIS

Proposed Sponsorship: 25,000 Euro

Equipment Support: Please see requirements below

Location: RAI
Date: Sunday, 3 July 2011
Time: 13:00 - 17:00
Maximum number of attendees: 20

Faculty to be invited

Pallav Shah
Suveer Singh
Dirk-Jan Slebos
Tim Overtoom
Simon Jordan
Nico van Walree

Course Description:

The aim of the course is to discuss how to optimize management of the airway in interventional bronchoscopy and how to cope with massive haemoptysis or endobronchial bleeding.

Role playing team will mimic airway haemorrhage and practice the airway bleeding management drill. This clinical scenario will be presented in a stepwise manner to the participants in the audience. Each participant will be given a voting pad and follow the clinical scenario by bidirectional AV connection.

Each step will be discussed in a proactive manner, moderated by experts. The team will execute the chosen decision by the audience. The consequence of handling as requested by the audience will have impact on the following steps: Changes in vital parameters and clinical situation will subsequently become apparent, which urges the team to execute the next step after consultation with the audience.

Preliminary Agenda:

13:00 - 13:30 Registration & Lunch
13:30 - 13:35 Welcome: Dr. Pallav Shah & Dr. Dirk-Jan Slebos
13:35 - 14:00 Radiologica Interventions for Massive Haemoptysis - Timothy Omertoom
14:00 - 14:15 Aetiology of Massive Hameoptysis - Suveer Singh
14:15 - 14:30 Stop & Go Scenario for Massive Haemoptysis - Pallav Shah & Suveer Singh
14:30 - 14:45 Balloon Blockers - Pallav Shah
14:45 - 15:00 Break (Refreshments)
15:00 - 16:45 Hands-On Workshop

Station 1: Management of Upper Airway & Intubation Skills - Suveer Singh

Station 2: Rigid Bronchoscopy - Simon Jordan & Nico van Walree

Station 3: Use of Arndt Blocking Balloons - Dirk-Jan Slebos

Station 4: Use of Cohen Blocking Balloons - Pallav Shah

16:45 - 17:00 Evaluation and Course Feedback - Pallav Shah & Dirk-Jan Slebos



Equipment Required

Station 1:

- 2 intubation models
- Endotracheal tubes eg portex, rush etc Intubating laryngoscope

Station 2:

- 2 Bronchobilly or similar
- 2 Rigid bronchoscope
- Argon plasma (plus model if they have one for apc)
- Balloon blockers

Station 3:

- bronchoscope video stack
- Endotracheal tubes
- airway and lung model / bronchobilly type but with better access for et tube
- lots of arndt balloon catheters

Station 4:

- bronchoscope video stack
- Endotracheal tubes
- airway and lung model / bronchobilly type but with better access for et tube
- lots of cohen balloon catheters

IMPORTANT NOTE:

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Note

- Lunch boxes will be provided at beginning of course
- Refreshments (coffee/tea) will be provided during break



Hands-On Training Session Sponsorship Order Form

Company Name: _____

Company Name (as to appear on signage and in programme if different from above):

Address: _____

Country: _____

Contact Person Name: _____

Phone: _____ Fax: _____

Email: _____

Select Hands-On Training Session(s) you would like to support

	Financial Support (please indicate amount)	Equipment Support (please indicate which equipment you will provide)
HO 1.1 Implementing Image Guided (IGRT) and Stereotactic Ablative Radiotherapy (SBRT)	<input type="checkbox"/> Amount: _____	Not applicable
HO 1.2 Demonstration Multidisciplinary Meeting for Treatment Decision Making	<input type="checkbox"/> Amount: _____	Not applicable
HO 1.3 Teaching Course on SBRT and Other Image Guided RT Techniques for Lung Cancer in Practice	<input type="checkbox"/> Amount: _____	Not applicable
HO 2 PET: Optimizing Interpretation by E-Learning	<input type="checkbox"/> Amount: _____	Not applicable



HO 3 Statistical Course - Fundamental Statistics for Clinical Researchers

Amount: _____

Not applicable

HO 4 EGFR Mutation and ALK Testing Methods in Diagnostic Pathology

Amount: _____

Not applicable

HO 6.1 Endoscopy - Interactive Stop and Go

Amount: _____

Equipment

HO 6.2 Endoscopy - E-Ultrasound for Lymph Node Staging

Amount: _____

Equipment

HO 6.3 Endoscopy - Pleural (with Mesothelioma)

Amount: _____

Equipment



HO 6.4 Endoscopy - Auto Fluorescence and Local Treatment

Amount: _____

Equipment

HO 6.5 Endoscopy - Rigid Bronchoscopy and Airway Stenting

Amount: _____

Equipment

HO 6.6 Endoscopy - Management of Upper Airway and Massive Haemoptysis

Amount: _____

Equipment

An invoice will be sent on receipt of this order. All opportunities for the 14th World Conference on Lung Cancer are sold on a first-come-first-sold basis and will be considered sold only upon receipt of payment. In order to avoid delays we highly recommend all orders be emailed.

PAYMENT: Due 30 days from date of invoice or as indicated. The 14th WCLC reserves the right to render this order null and void without notice if payment is not received by the due date.

CANCELLATION: Cancellation must be received in writing to the Conference Secretariat. 50% cancellation fee will apply up to April 1, 2011. No refunds after this date. Companies providing equipment sponsorship that cancel after the April 1, 2011 deadline may be asked to cover the costs for leasing equivalent equipment in order to secure the session.

PROVISION OF EQUIPMENT: All companies providing equipment for one of the session will be asked to sign a contract.