ore 15:00 - 16:00

SESSION 3 ESOPHAGUS AND MEDIASTINUM

Chair: J. Rueckert

ROBOTIC APPROACH IN THE TREATMENT OF MEDIASTINAL LESIONS - J. Rueckert

VATS APPROACH IN THE TREATMENT OF MEDIASTINAL LESIONS - E. Bottoni

ROBOTIC ESOPHAGECTOMY: TECHNICAL ASPECTS
R. Cerfolio

ADVANTAGES OF MINIMALLY INVASIVE ESOPHAGECTOMY
U. Fumagalli

DISCUSSION

ore 16:00 **COFFEE BREAK**

ore 16:15 - 17:15

SESSION 4 - RESEARCH PROGRAMS IN ROBOTIC THORACIC SURGERY

Chairs: G. Veronesi, F. Melfi

INTERNATIONAL NETWORK OF ROBOTIC THORACIC SURGERY (ROC-NET, ROBOTIC CHEST NETWORK)
G. Veronesi

DISCUSSION with W. Weder, A.Toker, F. Melfi, E. Meacci

RANDOMIZED TRIAL OF ROBOT VERSUS VATS LOBECTOMY FOR EARLY STAGE LUNG CANCER - M. Infante, G. Veronesi

MULTICENTER PROSPECTIVE STUDY FOR THE TREATMENT OF N2 NSCLC - R. Cerfolio

DAY TWO: FEBRUARY 11TH LIVE SURGERY

ore 8:15 **PRESENTATION OF CASES FOR LIVE SURGERY**
E. Voulaz

ore 8:30 **LIVE CASE OBSERVATION: ROBOT ASSISTED SEGMENTECTOMY**
R. Cerfolio, E. Bottoni

ore 12:00 **LIVE CASE OBSERVATION: THYMECTOMIA FOR MIASTENIA GRAVIS**
J. Rueckert, E. Bottoni

ore 13:00 **STAND UP LUNCH**

ore 15:00 **LIVE CASE OBSERVATION: ROBOT-ASSISTED LOBECTOMY**
G. Veronesi, E. Bottoni

ore 18:00 **CONCLUDING REMARKS**

OFFICIAL LANGUAGE
English

REGISTRATION
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ENDORSEMENT

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HUMANITAS
CANCER CENTER

February, 10th - 11th, 2016

WORKSHOP ON ROBOTIC SURGERY IN THORACIC ONCOLOGY

Humanitas Auditorium - Room B
Building 2
Via Manzoni 56 - Rozzano (MI)

COURSE DIRECTORS

Marco Alloisio
Head of Thoracic Surgery Division
Humanitas Research Hospital

Giulia Veronesi
Director, Unit of Robotic Surgery Division of Thoracic Surgery Humanitas Research Hospital

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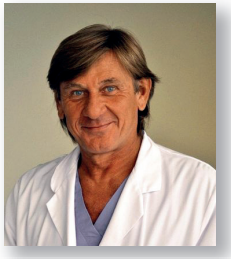
COURSE DIRECTORS



Marco Alloisio
Head of Thoracic Surgery Division
Humanitas Research Hospital
Rozzano – Italy

Giulia Veronesi
Director, Unit of Robotic Surgery
Division of Thoracic Surgery
Humanitas Research Hospital
Rozzano – Italy

Thanks to the improvement of radiological techniques and diffusion of LDCT screening a larger number of early stage lung cancers is diagnosed today compared to the past. In parallel surgical technique has evolved during the last decades with introduction of minimally invasive approach. The manual videothoracospopic approach has become the standard procedure for the treatment of early stage disease with many benefits. Despite that the diffusion of this approach among thoracic surgeons was slowed by the technical difficulties of the procedure and by fear of incomplete radicality for oncological diseases. The robotic surgical system has been introduced and adopted by some centers to overcome the limitations of the manual videothoracoscopic approach. Despite randomized controlled trials are not available, recent initial series demonstrated that robot-assisted lobectomy is feasible and safe with oncological radicality similar to that of open approaches. Expected advantages of robotic lung resections versus vats resections are potential extension of indication both to locally andvanced disease after induction treatment and precise sublobar anatomical resections, while disatvantages remain the high capital and running costs and absence of tactile feedback.
The workshop has the objectives to take stock of the robotic surgery in Italy, Europe and United States, to assess the prospects for future development, compare different techniques and explain the advantages and disadvantages of the same.
In parallel it aims to create an opportunity to discuss the launch of an international collaboration of robotic thoracic surgeons aimed to : i) share large series of data (common database), with the possibility to design wide clinical trials, share technology, ideas and protocols; ii) To foster a climate of cooperation that encourages researchers to exchange ideas and develop their skills; iii) approve protocols for their application at the clinical level and to develop and adopt guidelines and quality control; iv) standardize and eventually certify training and education; v) Monitoring quality, results and adverse events of robotics in thoracic surgery.

GUEST FACULTY:
R. Cingolani - Genova
F. Melfi - Pisa
R. Cerfolio - USA
J. C. Rueckert - Berlin
R. Crisci - Teramo
G. Monaco - Napoli
E. Meacci - Roma
C. Milli - Pisa
F. Landoni - Milano

HUMANITAS FACULTY:
U. Fumagalli
M. Infante
U. Cariboni
E. Voulaz
E. Bottoni
F. Lutman
M. Montorsi

TELECONFERENCE:
L. Soler - Strasburg
A. Toker - Istanbul
W. Weder - Zurich

DAY ONE: FEBRUARY 10TH

ore 9:00 **WELCOME AND INTRODUCTION**
M. Alloisio and G. Monaco

ore 9:20 **LECTURE - UPDATE AND FUTURE PERSPECTIVES ON ROBOTIC MEDICAL APPLICATIONS**
R. Cingolani - Introduced by G. Veronesi

ore 9:40 **LECTURE - THE INTEGRATION OF IMAGES IN ROBOTIC OR AND AUGMENTED REALITY**
L. Soler - Introduced by F. Lutman

ore 10:10 **COFFEE BREAK**

ore 10:30 **ROUND TABLE - FUTURE PERSPECTIVE IN ROBOTIC SURGERY**
Moderator C.Lasorella
Speakers: G. Veronesi, R. Cingolani, R. Cerfolio, G. Guazzoni, M. Alloisio, M. Montorsi, F. Landoni

ore 12:00 - 13:00

SESSION 1 GENERAL ASPECTS AND SUSTAINABILITY
Chairs: M. Alloisio and G. Veronesi

STARTING A ROBOTIC PROGRAM: PEARLS AND PITFALLS
R. Cerfolio

CONSENSUS CONFERENCE OF ITALIAN VATS GROUP
M. Infante, R. Crisci

ECONOMICAL CONSIDERATION FOR A ROBOTIC PROGRAM IN US AND EUROPE

USA R. Cerfolio

ITALY C. Milli

GERMANY J. Rueckert

DISCUSSION

ore 13:00 **LUNCH**

ore 14:00 - 15:00

SESSION 2 TECHNICAL ASPECTS LUNG
Chairs: R. Cerfolio and G. Veronesi

ROBOTIC LUNG SEGMENTECTOMY
U. Cariboni

ROBOTIC LUNG LOBECTOMY AND LYMPH NODE DISSECTION
G. Veronesi

LUNG ROBOTIC EXTENDED RESECTIONS
R. Cerfolio

DISCUSSION