

## Course Directors

### Fabrizio Luca

Director, Unit of Integrated Abdominal Surgery  
European Institute of Oncology, Milan

### Paolo P Bianchi

Director, Unit of Minimally-Invasive Surgery  
European Institute of Oncology, Milan

## Faculty

### Chiara Arnaboldi

Expert Nurse, Operating Theatre, IEO

### Davide Astolfi

Expert Nurse & Tutor, Operating Theatre, IEO

### Roberto Biffi

Director, Division of Gastro-intestinal Surgery, IEO

### Laura Ferro

Clinical Manager / Robotica Intuitive  
ab medica, Milan

### Massimiliano Granata

Expert Nurse & Tutor, Operating Theatre, IEO

### Savas Hiridis

General Surgeon  
Athens Medical Center, Athens

### Igor Monsellato

Division of Abdomino-Pelvic Surgery, IEO

### Luca Morelli

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Azienda Ospedaliero Universitaria Pisana, Pisa

### Vincent Obias

Director, Division of Colon and Rectal Surgery, Dept. of Surgery  
International Institute of Robotic Surgery  
The George Washington University School of Medicine,  
Washington

### Alberto Patriti

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### Angelica M Sonzogni

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### Giuseppe Spinoglio

Director, Dept. of Surgery  
Azienda Ospedaliera Nazionale  
SS. Antonio e Biagio e Cesare Arrigo, Alessandria

### Stefano Tredici

Division of Anaesthesiology and Intensive Care, IEO

### Manuela Valvo

Unit of Integrated Abdominal Surgery, IEO

### Venue

European Institute of Oncology  
Via Ripamonti 435 – 20141 Milano

### Organizing Secretariat

MZ Congressi srl  
Via C. Farini 81  
20159 Milan Italy  
Tel. +39 02 66802323  
Fax +39 02 6686699  
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**23rd - 25th September 2014**  
**Course on Robotic Abdomino-Pelvic Surgery**

Course Directors  
**Fabrizio Luca, Paolo Bianchi**

School of Robotic Surgery  
European Institute of Oncology  
Via Ripamonti 435 – 20141 Milano  
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Under the auspices of



**CPSA**

CLINICAL  
ROBOTIC  
SURGERY  
ASSOCIATION

**ecancermedalscience**

This course is recommended by:



## Objectives of the Course

This scientific program is designed to provide surgeons with extensive and up-to-date knowledge in the field of robotic general surgery. The program is intended for the training of both surgeons interested in learning the basic principles and techniques, and fully-trained surgeons willing to expand their robotic surgical activity.

At the end of this course, participants should be able to:

- become familiar with the function and operation of the robotic surgical system
- understand the rationale behind patient positioning and surgical approaches
- describe the standard robotic port placement and variations for performing various robotic abdomino-pelvic surgical procedures
- recognize the anatomical markers necessary for performing these procedures.
- review the basic technical aspects of robotic general surgery and be able to describe the sequence of steps required to perform various robotic surgical procedures

## Scientific Program 23rd September

### 14 – 18 Theory session

- 14 Registration  
14:30 Welcome and introduction to the Course  
*F. Luca / PP. Bianchi*

### Introduction to the da Vinci System:

- 14.40 System overview, *L. Ferro & D. Astolfi*  
15 Procedure planning, *C. Arnaboldi*  
15.20 Operating room set up, technical tips & tricks, *C. Arnaboldi*

### Robot-assisted surgery and anaesthesia:

- 15.40 Anaesthetic implications of robotic surgery; patient selection and exclusion criteria, *S. Tredici*

### Robot-assisted surgery and pathology:

- 16 Pathology and robotic surgery: quality of the mesorectum after robotic treatment of rectal cancer, *A. Sonzogni*  
16.20 Coffee break

### Robot-assisted surgery principles:

- 16.50 Patient positioning and trocar placement in robot-assisted surgical procedures, *M. Valvo*  
17.05 Avoiding interferences, *M. Valvo*  
17.20 Robotic tissue dissection, *W. Petz*  
17.35 Robotic intra-corporeal suturing, *W. Petz*  
17.50 Q&A and discussion

## 24th September

### 8.30 – 18 Case observation and Lectures

### Robotic operating room:

- 8.30 – 13.30 Case observation / Real time surgery  
13.30 Lunch

### Lectures

Moderator: TBD

- 14 Robotic surgery of gastric cancer, *R. Biffi*  
14.20 Robotic benign upper GI surgery: hiatal hernia - GERD – achalasia, *S. Hiridis*  
14.40 Robotic right colon surgery, *PP. Bianchi*  
15 Robotic anterior resection of the rectum, *F. Luca*  
15.20 Teaching robotic surgery, *A. Pietrabissa*  
15.40 Coffee break

### Lectures

Moderator: TBD

- 16 Robotic liver surgery, *A. Patrii*  
16.20 Robotic colorectal surgery. Literature update and evidences, *L. Morelli*  
16.40 New technologies: application of fluorescence in robotic surgery  
*G. Spinoglio*  
17 New technologies: robotic single-port colorectal surgery, *V. Obias*  
17.20 Discussion, delivery of certificates and closing remarks

## 25th September

### Workshop limited to a maximum of 6 participants

8.30 – 12 Training on Virtual Reality Robotic Simulator

### System overview and basic surgical skills training

*M. Granata/I. Monsellato*

Hands-on simulation:

- System controls and ergonomics
- Basic instruments manipulation
- Economy of motion
- Camera control and motion scaling
- Tissue dissection

### Advanced surgical skills training

*M. Granata/I. Monsellato*

Hands-on simulation:

- Needle driver control
- Intracorporeal suturing and knot tying
- Energy instruments control and application
- Fourth arm integration

Coffee break

### Exercises in realistic training scenarios

*M. Granata/I. Monsellato*

Hands-on simulation:

- Training exercises tailored to enhance surgical skills and improve surgeon efficiency
- Performance analysis and metrics to assess skills and potentiate improvement
- Real-time feedback and track progress: score reports and profiles

### 12 – 13 “Clinical Science Seminars in Oncology”

- Current and future applications of robotic technology in general surgery  
*S. Hiridis*

### 13 – 13.30 Final session

- Course evaluation
- Delivery of certificates
- Closing remarks

## Course on Robotic Abdomino-Pelvic Surgery 23-25 September 2014

For registration, please fill out the form below and send it to fax +39 02 6686699 or email [ieoedu.eventi@ieo.it](mailto:ieoedu.eventi@ieo.it)

Last name \_\_\_\_\_

First name \_\_\_\_\_

Specialty \_\_\_\_\_

Institute \_\_\_\_\_

Department \_\_\_\_\_

Address \_\_\_\_\_

City Post code \_\_\_\_\_

Country \_\_\_\_\_

Date and place of birth \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

Registration fees for Course (23rd and 24th September) - limited to 30 participants

- Early registration (by 6th September 2014): € 244,00 (VAT/IVA included)  
 Early registration for SRS and CRSA members (by 6th September 2014): € 183,00 (VAT/IVA included)  
 Late & onsite registration (after 7th September 2014): € 366,00 (VAT/IVA included)  
 Late & onsite registration for SRS and CRSA members (after 7th September 2014): € 305,00 (VAT/IVA included)

Registration fees for Course and Workshop (23rd – 25th September) - limited to maximum 6 participants

- Early registration (by 6th September 2014): € 671,00 (VAT/IVA included)  
 Early registration for SRS and CRSA members (by 6th September 2014): € 610,00 (VAT/IVA included)  
 Late & onsite registration (after 7th September 2014): € 915,00 (VAT/IVA included)  
 Late & onsite registration for SRS and CRSA members (after 7th September 2014): € 732,00 (VAT/IVA included)

### Terms of payment

- Cheque payable to MZ Congressi srl  Bank transfer to the order of MZ Congressi srl c/o Banca Intesa Sanpaolo - via C. Farini 56 - 20159 Milano  
 IBAN: IT 47 V 03069 09474 000011960146  
 CreditCard:  Visa  Mastercard  Amex

N° C/C No Expiry date \_\_\_\_\_

Card holder's signature \_\_\_\_\_

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### Registration instructions

1. Registration forms will have to be sent via email to [ieoedu.eventi@ieo.it](mailto:ieoedu.eventi@ieo.it) or fax (+39 02 6686699).
2. The Organizing Secretariat will acknowledge receipt of registration form. I authorize MZ Congressi and the European Institute of Oncology to handle my personal data according to the Italian Privacy Law 196/03.

Signature \_\_\_\_\_ Date \_\_\_\_\_