

## 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

*Nurse, Operating Theatre*  
European Institute of Oncology, Milan

### Davide Astolfi

*Nurse, Operating Theatre*  
European Institute of Oncology, Milan

### Ferdinando Bellotti

*Division of Anaesthesiology and Intensive Care*  
European Institute of Oncology, Milan

### Roberto Biffi

*Director, Division of Abdomino-Pelvic Surgery*  
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Universiteit Twente, Technical Medicine  
Enschede

### David Jayne

*Professor of Surgery*  
St James's University Hospital, Leeds

### Konstantinos Konstantinidis

*Chairman of General, Laparoscopic, Bariatric & Robotic Surgery*  
Athens Medical Center, Athens

### Danuta Lichosik

*Coordinator, IEO School of Robotic Surgery*  
*Nurse, Operating Theatre*  
European Institute of Oncology, Milan

### Igor Monsellato

*Division of Abdomino-Pelvic Surgery*  
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### 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

*Division of Vascular, Mini-Invasive and General Surgery*  
Ospedale San Matteo degli Infermi, Spoleto PG

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

### Alessio Pigazzi

*Chief, Division of Colon & Rectal Surgery*  
University of California Irvine, Orange (CA)

### Angelica M Sonzogni

*Division of Pathology*  
European Institute of Oncology, Milan

### Giuseppe Spinoglio

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

### Manuela Valvo

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

### Venue

European Institute of Oncology  
Via Ripamonti 435 – 20141 Milano

### Organizing Secretariat

CQ Travel  
Via C. Farini 81  
20159 Milano - Italy  
Tel +39 02 36753900  
Fax + 39 02 4954290



September 23-25, 2013

Course on Robotic Abdomino-Pelvic Surgery

Course Directors

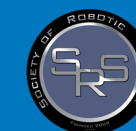
*Fabrizio Luca, Paolo Bianchi*

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This course is recommended by:



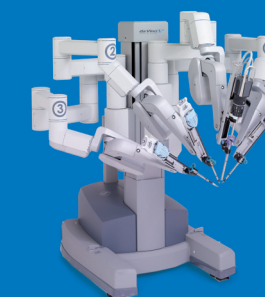
Under the auspices of



**CPSA**

CLINICAL  
ROBOTIC  
SURGERY  
ASSOCIATION

**ecancermedicalsecience**



### 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 <i>F. Luca / PP. Bianchi</i>

#### Introduction to the da Vinci System:

14.40	System overview, <i>D. Astolfi</i>
15	Procedure planning, <i>C. Arnaboldi</i>
15.20	Operating room set up, technical tips & tricks, <i>D. Lichosik</i>

#### Robot-assisted surgery and anaesthesia:

15.40	Anaesthetic implications of robotic surgery; patient selection and exclusion criteria, <i>F. Bellotti</i>
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#### Robot-assisted surgery and pathology:

16	Pathology and robotic surgery: quality of the mesorectum after robotic treatment of rectal cancer, <i>A. Sonzogni</i>
16.20	Coffee break

#### Robot-assisted Surgery principles:

16.30	The robotic pelvic floor reconstruction, <i>I. Broeders</i>
16.50	Patient positioning and trocar placement in robot-assisted surgical procedures, <i>M. Valvo</i>
17.05	Avoiding interference, <i>M. Valvo</i>
17.20	Robotic tissue dissection, <i>W. Petz</i>
17.35	Robotic intra-corporeal suturing, <i>W. Petz</i>
17.50	Q&A and discussion

## 24th September

8.30 – 18	Case observation and Lectures
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#### Robotic operating room:

8.30 – 13.30	Case observation / Real time surgery
13.30	Lunch

#### Lectures

Moderator: I Broeders

14	Robotic surgery of gastric cancer, <i>R. Biffi</i>
14.20	Robotic benign upper GI surgery: hiatal hernia - GERD – achalasia, <i>K. Konstantinidis</i>
14.40	Robotic right colon surgery, <i>PP. Bianchi</i>
15	Robotic Anterior resection of the rectum, <i>F. Luca</i>
15.20	The ROLARR trial, <i>D Jayne</i>
15.40	Coffee break

#### Lectures

Moderator: D Jayne

16	Robotic liver surgery, <i>A. Patriti</i>
16.20	New technologies: application of fluorescence in robotic surgery, <i>G. Spinoglio</i>
16.40	New technologies: robotic single port colorectal surgery <i>V. Obias</i>
17	Learning curve in robotic surgery, <i>A. Pigazzi</i>
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
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#### System overview and basic surgical skills training

*D. Lichosik/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

*D. Lichosik/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

*D. Lichosik/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  
*K. Konstantinidis*

#### 13 – 13.30 Final session

- Course evaluation
- Delivery of certificates
- Closing remarks

## Course on Robotic Abdomino-Pelvic Surgery 23-25 september 2013

For registration, please fill out the form below and send it to  
fax +39 02 49542900 or email [ieoedu.eventi@ieo.it](mailto:ieoedu.eventi@ieo.it)

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

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

Specialty \_\_\_\_\_

Institute \_\_\_\_\_

Department \_\_\_\_\_

Address \_\_\_\_\_

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

Country \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

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

- ☐ Early registration (by 6th September 2013): € 200,00 + VAT  
☐ Early registration for SRS and CRSA members (by 6th September 2013): € 150,00 + VAT

- ☐ Late & onsite registration (after 7th September 2013): € 300,00 + VAT  
☐ Late & onsite registration for SRS and CRSA members (after 7th September 2013): € 250,00 + VAT

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

- ☐ Early registration (by 6th September 2013): € 550,00 + VAT  
☐ Early registration for SRS and CRSA members (by 6th September 2013): € 500,00 + VAT

- ☐ Late & onsite registration (after 7th September 2013): € 750,00 + VAT  
☐ Late & onsite registration for SRS and CRSA members (after 7th September 2013): € 600,00 + VAT

#### Terms of payment

- ☐ Cheque payable to CQ Travel srl      ☐ Bank transfer to the order of CQ Travel srl c/o Banca Sella  
IBAN IT98X 03268 01605 052866945211 - Swift code: SELBIT2BXXX  
CreditCard: ☐ Visa ☐ Mastercard ☐ Amex

N° C/C No Expiry date \_\_\_\_\_

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

Card holder's name \_\_\_\_\_

#### 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 49542900).
2. The Organizing Secretariat will acknowledge receipt of registration form.  
*I authorize CQ Travel and the European Institute of Oncology to handle my personal data according to the Italian Privacy Law 196/03.*

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