International School of Robotic Surgery

In Partnership with

SCIENTIFIC DIRECTOR
Prof. Pier Cristoforo Giuliani
University of Illinois Medical Center at Chicago, Illinois, USA
Lloyd M. Nyhus Professor of Surgery Chief,
Division of Minimally Invasive, General & Robotic Surgery

COURSE COORDINATORS
Dr. Paolo Pietro Bianchi MD
Chief Division of General and Minimally Invasive Surgery, Misericordia Hospital
Coordinator of International School of Robotic Surgery at Grosseto

Dr. Coratti Andrea
Chief, Division of Oncological and Robotic Surgery
Department of Oncology and Robotic Surgery
Careggi University Hospital, Florence

October 14 – 15 – 16, 2019
Misericordia Hospital, Grosseto, Italy

Per maggiori informazioni
www.roboticschool.it
Day 1: MONDAY OCTOBER 14

08.00 am Welcome and entry test

09.00 am Didactical session
Technical description of the basic Xi Platform:
basic telemanipulation concepts
(Virtuality / lack of tactile feedback / coordination / 3D HD)
Claudio Varinelli

10.00 am Instruments and Energies, Port setting, Docking
Giampaolo Formisano

11.00 am The team, assistant role, scrubbing nurse
Giuseppe Giuliani

12.00 pm Q&A and Lunch

01.00 pm HANDS ON DRY LAB:
Coordination hands & pedals / navigation control / energies
Sofia Esposito, Giampaolo Formisano, Giuseppe Giuliani,
Diego Giulitti, Adelona Salaj, Lucia Salvischiani, Dario Sirimarco

03.00 pm International Videoconference from Chicago, USA
Basic concepts in robotic surgery
(triangulation, priorities, exposure, tools,
Injuries, prevention, strategies, troubleshooting )
Pier C. Giulianotti

04.00 pm HANDS ON DRY LAB:
trouble shooting work out

06.00 pm Wrap up
Day 2: TUESDAY OCTOBER 15

08.00 am  GROUP A WET LAB:
Suturing, hemostasis, use of the 3rd arm, different energies, advanced vascular anastomosis, teamwork, multitask interactions

08.00 am  GROUP B + C + D: LIVE SURGERY

12.00 pm  Q&A and Lunch

01.00 pm  GROUP B WET LAB
Suturing, hemostasis, use of the 3rd arm, different energies, advanced vascular anastomosis, teamwork, multitask interactions

01.00 am  GROUP A + C + D: LIVE SURGERY

03.00 pm  International Videoconference from Chicago, USA
Ergonomics and organization in a robotic program
Francesco Bianco

STATE OF THE ART APPLICATIONS IN DIFFERENT SPECIALTIES

04.00 pm  HPB
   Andrea Coratti

04.30 pm  Colorectal
   Paolo Pietro Bianchi

05.00 pm  Abdominal wall
   Luca Felicioni

05.30 pm  Upper GI
   Graziano Pernazza

06.00 pm  Q&A
Day 3: WEDNESDAY OCTOBER 16

08.00 am  GROUP C WET LAB:
Suturing, hemostasis, use of the 3rd arm, different energies, advanced vascular anastomosis, teamwork, multitask interactions

08.00 am  GROUP A + B + D: LIVE SURGERY

12.00 pm  Q&A AND Lunch

01.00 pm  Videoconference from Brescia
Learning models and learning curve in Robotic Surgery
Federico Gheza

02.00 am  GROUP D WET LAB
Suturing, hemostasis, use of the 3rd arm, different energies, advanced vascular anastomosis, teamwork, multitask interactions

02.00 am  GROUP A + B + C: LIVE SURGERY

05.00 pm  Robotic Challenge: game competition and rewards

06.00 pm  Final competence Test / Certification
TARGET AUDIENCE
The course is intended for Italian and foreign surgeons specializing in general surgery or general surgery specialists. Admission criteria follow below:
• Proven personal experience in basic laparoscopic techniques;
• 16 doctors will be admitted each academic year; and
• Exclusion results in priority admission the following year

OBJECTIVES
The course is designed for surgeons who are looking to start using robotic technology. Thus, the main objective of the course is to provide an introduction on the following topics:
• Robotic technology and associated functionalities;
• Operating room set-up;
• Medical / paramedical staff roles;
• Feasible surgical techniques / approaches;
• Basic manual skills to use the robotic system; and
• Possible complications and associated treatment.

At the end of the course, the trainee will be familiar with the basic techniques necessary for using the robotic system.

LABORATORY ACTIVITIES
Activities in the laboratory will include the following:
• Training on robotic system technical features and functionalities
• DRY LAB
  1. Basic skills (using the simulator);
  2. Coordination, 3D perception, tactile feedback, telemanipulation basics, and performance evaluation
• WET LAB
  1. Main differences with laparoscopy, triangulation, port positioning, robot docking, available instrumentation, tissue manipulation with robotic instrumentation, hemostasis control;

Procedures: trainees will rotate executing basic upper abdomen procedures including cholecystectomy, fundoplication, esophageal myotomy, gastrointestinal & entero-enteric anastomosis, etc.
INTERNATIONAL SCHOOL OF ROBOTIC SURGERY

COURSE INFORMATION

• During the course, participants will rotate in groups between the didactical courses and OR; Attend and participate in minimally invasive robotic surgeries scheduled throughout the course.

• The daily activities of the OR will be streamed to the robotic school classroom, close to the “wet laboratory”.

• Free access to the CRSA web site with more than 2,500 available videos, will be provided to all participants.

The registration to the basic Course includes:
Attendance to the course, Certificate of participation;
Multimedia educational material, coffee breaks and lunches.

ECM CREDITS (only Italian surgeons)
The event will be awarded with 50 italian ECM credits

OFFICIAL LANGUAGE
The official language of the course is English

COURSE STRUCTURE
The course will be divided into 2 parts

First part (October 14-15-16, 2019)
Frequency of the basic robotics course
Second part (November 2019 – February 2020)
Attendance for a minimum of 25 hours in the operating rooms of an accredited training center.
INTERNATIONAL SCHOOL OF ROBOTIC SURGERY

GENERAL INFORMATIONS

COURSE VENUE
International School of Robotic Surgery
Misericordia Hospital of Grosseto, Via Senese, Grosseto, Italy

ORGANIZING SECRETARIAT
Ti.Gi. Meeting & Congressi, via udine, 12, 58100 - Grosseto
email: info@tigicongress.com

HOTEL RESERVATION
The organizing secretariat Ti.Gi. Congress is available to participants for individual hotel reservations. Information on suggested hotels and the costs associated can be easily found in the “useful information” page on the website of the school: http://www.roboticschool.it/index.php/en/useful-information

CHANGES TO THE PROGRAM
The scientific and organizing secretariat reserve the right to make any changes to the program which are considered necessary for technical and/or scientific reasons

REGISTRATION FEES
For surgeons or private companies
EUR 2,750.00 + 22% VAT (EUR 3,355.00 VAT inclusive)
CRSA Member 2019: EUR 2,550.00 + 22% VAT (EUR 3,111.00 VAT inclusive)

Registration fees for italian public hospital or private/public european company with european vat
EUR 2,752.00
CRSA Member 2019: EUR 2,552.00 + 22%

To register to the course, please complete the registration form and send it by email to: Robotic Course Organizing Secretariat Ti.Gi. Meeting & Congressi
Email: info@tigicongress.com
GENERAL SURGERY

Ospedale Misericordia - Grosseto
U.O. Chirurgia Generale e Mininvasiva - P.P. Bianchi
Giampaolo Formisano: giampaoloformisano@hotmail.com; +39 333 3572276

AOU Careggi - Firenze
SOD di Chirurgia Generale Oncologica ad indirizzo Robotico A. Coratti
Mario Annecchiarico: mannecchiarico@hotmail.com; +39 328 1551968

Ospedale “San Croce e Carle” - Cuneo
S.C. Chirurgia Generale - F. Borghi
Alessandra Marano: alessandra.marano@hotmail.com; +39 347 0002617

AO “Santa Maria” - Terni
U.O. Chirurgia digestiva e unità di Fegato - A. Parisi
Amilcare Parisi: amilcareparisi@virgilio.it; +39 338 7312313

Ospedale “San Salvatore” – Pesaro
Dipartimento di chirurgia, Div. di chirurgia generale, mininvasiva e robotica
Alberto Patriti: albertopatriti@gmail.com; +39 338 8646055

AOU Pisana - Pisa
SD Chirurgia Generale Universitaria – Luca Morelli
Gregorio di Franco: gregoriodifranco@gmail.com; +39 3487636831

THORACIC

AOU Pisana - Pisa
Chirurgia toracica, Mininvasiva e Robotica - Franca Melfi
Franca Melfi: franca.melfi@unipi.it; +39 347 2581327

Humanitas Research Hospital - Milano
Robotic thoracic surgery – Giulia Veronesi
Giulia Veronesi: giulia.veronesi@cancercenter.humanitas.it; +39 347 2581327

GYNECOLOGY

Ospedale Misericordia - Grosseto
U.O. Ginecologia ed Ostetricia – Fabrizio Signore
Fabrizio Signore: fabri64@me.com; +39 347 7622392
INTERNATIONAL SCHOOL OF ROBOTIC SURGERY

SCIENTIFIC DIRECTOR
*Prof. Pier Cristoforo Giulianotti*
University of Illinois Medical Center at Chicago, Illinois, Usa
Lloyd M. Nyhus Professor of Surgery Chief,
Division of Minimally Invasive, General & Robotic Surgery

COURSE COORDINATORS
*Dr. Paolo Pietro Bianchi*
Direttore Divisione di chirurgia generale e mininvasiva Azienda USL Toscana sud est,
Ospedale Misericordia, Grosseto

*Dr. Coratti Andrea*
Direttore SOD Chirurgia Generale Oncologica ad indirizzo Robotico
Azienda Ospedaliero Universitaria Careggi, Firenze

IN PARTNERSHIP WITH:
University of Illinois Medical Center at Chicago, Illinois, Usa
CRSA - Clinical Robotic Surgery Association

LAB TRAINERS
Azienda Usl Toscana sud est, Ospedale Misericordia di Grosseto, UO Chirurgia Generale
*Dr. Formisano Giampaolo*
*Dr. Giuliani Giuseppe*
*Dr. Giulitti Diego*
*Dr. Salay Adelona*
*Dr. Salvischiani Lucia*
*Dr. Sirimarco Dario*

Per maggiori informazioni