COURSE IN ADVANCED MICROSURGERY
11th EDITION

In cooperation with
Italian Society of Microsurgery – S.I.M.
Chairperson: Francesco Moschella

Italian Society of Surgery of the Hand – S.I.C.M.
Chairperson: Roberto Adani

Italian Society of Surgery Reconstructive and Cosmetic Plastic- S.I.C.P.R.E
Chairperson: Paolo Palombo

Naples, May 22th – November 24th, 2017
Center of Biotecnologies
“A.CARDARELLI” HOSPITAL
I SESSION MAY 22^{TH} – 26^{TH}, 2017

II SESSION SEPTEMBER 11^{TH} – 15^{TH}, 2017

III SESSION NOVEMBER 20^{TH} – 24^{TH}, 2017
I SESSION

I DAY-MONDAY
11.00-11.30 Optical tools and surgical instruments. The ergonomics in surgery
11.30-16.00 Practice on ex-vivo material
16.00-16.15 Welcome of the Presidents of the Societies
16.15-16.30 Introduction to the course
16.30-17.00 Guidelines to animal experimentation
17.00-17.15 The comparative anatomy of the rat: identification of surgical reperepoints
17.15-17.30 Anaesthesia and analgesia

II DAY-TUESDAY
08.30-08.45 Dissection – suture techniques (video)
08.45-16.00 Practice on animal model: Termino-terminal suture of femoral artery
16.30-17.00 Briefing
17.00-17.15 Teaching in Microsurgery: the French experience of academic degrees
17.15-17.45 How to manage a Scientific Research-Thesis layout

III DAY WEDNESDAY
08.30-08.45 Dissection – suture techniques (video)
08.45-16.00 Practice on animal model: Termino-terminal suture of Femoral artery
16.30-17.00 Briefing
17.00-17.30 Murine experimental models of peripheral nervous system
### IV Day Thursday

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<thead>
<tr>
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<tr>
<td>08.30-08.45</td>
<td>Dissection – suture techniques (video)</td>
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<tr>
<td>08.45-16.00</td>
<td>Practice on animal model: Posterior termino-lateral suture of femoral artery and vein</td>
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<td>Termino-terminal anastomosis of the carotid artery on the external jugular vein</td>
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II SESSION

I DAYMONDAY
08.30-08.45   Dissection – suturetechniques(video)
08.45-13.00   Practice on animalmodel:
               Termino-terminal anastomosis of femoral artery and vein
13.00-16.00   Practice on animalmodel:
               Termino-terminal anastomosis of carotid and external jugular vein
16.30-17.00   Briefing
17.00-17.30   Clinical casespresentation

II DAYTUESDAY
08.30-08.45   Dissection – suturetechniques(video)
08.45-13.00   Practice on animalmodel:
               Graft of epigastric or femoral vein pro femoral artery
13.00-16.00   Practice on animalmodel:
               Termino-lateral anastomosis of femoral vein on femoral artery
16.30-17.00   Briefing
17.00-17.30   Clinical casespresentation

III DAYWEDNESDAY
08.30-08.45   Dissection – suturetechniques(video)
08.45-13.00   Practice on animalmodel:
               Termino-lateral anastomosis of the femoral artery on femoral vein
13.00-16.00   Practice on animalmodel:
               Termino-lateral anastomosis of the carotid on external jugular vein
16.30-17.00   Briefing
17.00-17.30   Clinical casespresentation
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<td>graft of epigastric vein</td>
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<td>13.00</td>
<td>Practice on animal model: Dissection and suture of infrarenal aorta</td>
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I DAYMONDAY
08.30-08.45  Dissection – suturetechniques(video)
08.45-13.00  Practice on animalmodel:
              Termino-terminal suture of inguinal groin on femoral vessels
13.00-16.00  Practice on animalmodel:
              Termino-lateral anastomosis of carotid on jugular vein
16.30-17.00  Briefing
17.00-17.30  Clinical casespresentation

II DAYTUESDAY
08.30-08.45  Dissection – suturetechniques(video)
08.45-13.00  Practice on animalmodel:
              Inguinal patch with termino-lateral suture transferred to the opposite side or to the neck
13.00-16.00  Practice on animalmodel:
              Dissection and suture of the infrarenal aorta or inguinal patch
16.30-17.00  Briefing
17.00-17.30  Clinical casespresentation
III DAY WEDNESDAY
08.30-08.45 Dissection – suture techniques (video)
08.45-13.00 Practice on animal model:
Inguinal patch with termino-lateral suture transferred to the opposite side or to the neck
13.00-16.00 Practice on animal model:
Dissection and suture of the infrarenal aorta or inguinal patch
16.30 - 17.00 Briefing
17.00-17.30 Clinical cases presentation

IV DAY THURSDAY
08.45-13.00 Practice on animal model
16.00-16.30 Briefing
16.30-17.30 Clinical cases presentation

V DAY FRIDAY
08.30-14.30 Final examination (two practicetests)
15.30-16.00 Written exam (multiple choice questionnaire)
16.00-18.00 Discussion of the written test and Power Point thesis presentation (5 to 10 minutes)
DESCRIPTION

The course, lasting 15 days, is characterized by theoretical and practical lessons on animal models for a total of 137 hours. The proposed didactic path can be modified according to the learning curve of each participant.

Practice on anesthetized rat will be performed in the operating room under the guide of tutors. The utilization of rats as animal model has been made possible thanks to the specific ministerial authorization in derogation of the 26/2014. The course is open to 18 Italian surgeons members of SICM-SIM-SICPRE societies interested in vascular and nervous microsurgical techniques and to 2 foreigner surgeons.

Each participant will be given a irons microsurgery kit and a defined number of sutures, the surplus will be paid by the participant. If the participant had the need to use different tools and wires from those supplied must personally.

SCIENTIFIC COORDINATORS

SantoloCozzolino  
Coordinator Center of Biotechnologies “A. Cardarelli” Hospital–Naples

Roberto Adani  
Chairperson of the Italian Society of Surgery of the Hand-S.I.C.M.

Francesco Moschella  
Chairperson of the Italian Society of Microsurgery -S.I.M.

Paolo Palombo  
Chairperson of the Italian Society of Surgery Reconstructive and Cosmetic Plastic- S.I.C.P.R.E

SCIENTIFIC COMMITTEE

COURSE COORDINATORS

Ignazio Marcoccio  
Italian Society of Microsurgery -S.I.M.

Pierluigi Tos  
Italian Society of Microsurgery -S.I.M.

Roberto d’Alessio  
“A. Cardarelli” Hospital–Naples

Francesco Croce  
“Ospedale dei Colli” Hospital–Naples

Francesco D’Andrea  
Italian Society of Surgery Reconstructive and Cosmetic Plastic- S.I.C.P.R.E

Guglielmo Lanni  
Italian Society of Surgery of the Hand

Alessia Pagnotta  
Italian Society of Microsurgery
Baccarani Alessio, Modena
Baldrighi Carla, Firenze
Baraziol Roberto, Udine
Baronetti Marco, Lecce
Bedogni Alberto, Verona
Bellan Monia, Cremona
Berto Giorgio Matteo, Milano
Braghiroli Luca, Terni
Boux Elena, Torino
Catena Nunzio, Genova
Cherubino Mario, Varese
Cicirello Monica, Torino,
Ciclamini Davide, Torino
Colzani Giulia, Torino
Cortese Paolo, Milano
Crosio Alessandro, Torino
De Vitis Rocco, Roma
D’Arpa Salvatore, Palermo
Delia Gabriele, Messina
Dell’Antonia Francesco, Treviso
Di Giovanna Danilo, Varese
Felici Nicola, Roma
Franchi Alberto, Trieste
Fonzone Caccese Armando, Napoli
Fraccalanza Eugenio, Udine
Frontero Laura, Milano
Gennari Elisa, Torino
Grammatica Alberto, Brescia
Guzzini Matteo, Roma
Lancerotto Luca, UK
Lazzaro Lara, Monza
Magiulli Francesca, Varese
Malzone Gerardo, Londra
Marcoccio Ignazio, Brescia
Morandini Eleonora, Verona
Mocca Luigi Stefano, Napoli
Molteni Gabriele, Modena
Novelli Chiara, Milano
Pagnotta Alessia, Roma
Pamelin Emanuele, Savona
Panero Bernardino, Torino
Pangrazi Pier Paolo, Ancona
Penco Sara, Genova
Pivato Giorgio, Milano
Poggetti Andrea, Pisa
Pugliese Pierfrancesco, Torino
Rauso Raffaele, Roma
Rossello Carlo, Savona
Russomando Antonia, Modena
Santorelli Adriano, Napoli
Sartore Leonardo, Como
Segreto Francesco, Roma
Spingardi Ombretta, Savona
Taglieri Elena, Roma
Taglietti Valentina, Brescia
Tamborini Federico, Milano
Tos Pierluigi, Torino
Vigato Enrico, Padova
Geuna Stefano
Ghanem Ali
Talal Dashti,
Legagneux Josette,
Yelena Akelina
**Underground**

**Line 1** – Direction Piscinola and/or Dante – Policlinico Stop, to cross the street use the underground passage and enter in Cardarelli Hospital, turn left, walk the entire street at the end of which there is the entrance gate of X Building– Center of Biotechnologies.

**Line 2** - Direction Pozzuoli and/or Garibaldi - Piazza Cavour Stop, change the metro taking the underground passage and take the metro line 1 (Direction Piscinola) – Policlinico Stop, use the underground passage to cross the street and enter Cardarelli Hospital, turn left, walk the entire street at the end of which there is the entrance gate of X Building– Center of Biotechnologies.

**By Car:**
From the high-way, go on towards the Tangenziale of Naples and take the exit “Zona Ospedaliera”, then follow the indication for Cardarelli.
After the exit, on the right side, you’ll find gate 3 admittance to the Hospital. Please walk up along the Heliport to the entrance gate of X Building– Center of Biotechnologies.

**Airport**
The most comfortable way to reach “Cardarelli” Hospital from the airport is by taxi, since there is no direct connection from the airport.

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**ORGANIZATIONAL SECRETARIAT**

**SCUOLA MEDICA OSPEDALIERA DELLA CAMPANIA**
Tel: 3331813404
Email: info@smoconline.org