



Società Italiana di  
Microchirurgia



SOCIETÀ ITALIANA  
di CHIRURGIA  
della MANO



Società Italiana di  
Chirurgia Plastica  
Ricostruttiva ed Estetica



**Antonio Cardarelli**

AZIENDA OSPEDALIERA DI RILIEVO NAZIONALE

## ADVANCED COURSE IN MICROSURGERY 8<sup>TH</sup> EDITION



*In cooperation with*  
Italian Society of Microsurgery – S.I.M.

*Chairperson: Pierluigi Tos*

Italian Society of Surgery of the Hand – S.I.C.M.

*Chairperson: Riccardo Luchetti*

Italian Society of Plastic, Reconstructive and Aesthetic Surgery – S.I.C.P.R.E.

*Chairperson: Fabrizio Malan*

**Distrex**<sup>®</sup>

*Naples, May 18<sup>th</sup> –November 20<sup>th</sup>, 2015*

*Center of Biotechnologies*

*“A.CARDARELLI” HOSPITAL*



# PROGRAM 2015

I SESSION MAY 18<sup>TH</sup> – 22<sup>TH</sup>, 2015

II SESSION SEPTEMBER 21<sup>TH</sup> – 25<sup>TH</sup>, 2015

III SESSION NOVEMBER 16<sup>TH</sup> – 20<sup>TH</sup>, 2015



<http://www.corsomicrochirurgia.com>



# I SESSION

## I DAY- MONDAY

11.00-11.30	Optical tools and surgical instruments. The ergonomics in surgery
11.30-16.00	Practice on <i>ex-vivo</i> 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 rephere points
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
16.00-16.30	Briefing
16.30-17.15	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
16.00-16.30	Briefing
16.30-17.00	Murine experimental models of peripheral nervous system

## IV DAY THURSDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-16.00	Practice on animal model: Posterior termino-lateral suture of femoral artery and vein Termino-terminal anastomosis of the carotid artery on the external jugular vein
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

## V DAY FRIDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-16.00	Practice on animal model
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

## II SESSION

### I DAY MONDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-13.00	Practice on animal model: Termino-terminal anastomosis of femoral artery and vein
13.00-16.00	Practice on animal model: Termino-terminal anastomosis of carotid and external jugular vein
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

### II DAY TUESDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-13.00	Practice on animal model: Graft of epigastric or femoral vein pro femoral artery
13.00-16.00	Practice on animal model: Termino-lateral anastomosis of femoral vein on femoral artery
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

### III DAY WEDNESDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-13.00	Practice on animal model: Termino-lateral anastomosis of the femoral artery on femoral vein
13.00-16.00	Practice on animal model: Termino-lateral anastomosis of the carotid on external jugular vein
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

## IV DAY THURSDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-13.00	Practice on animal model: Termino-terminal suture of femoral artery with graft of epigastric vein
13.00-16.00	Practice on animal model: Dissection and suture of infrarenal aorta
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation

## V DAY FRIDAY

08.30-08.45	Dissection – suture techniques (video)
08.45-13.00	Practice on animal model
16.00-16.30	Briefing
16.30-17.30	Clinical cases presentation



## III SESSION

### I DAY MONDAY

- 08.30-08.45 Dissection – suture techniques (video)
- 08.45-13.00 Practice on animal model:  
Termino-terminal suture of inguinal groin on femoral vessels
- 13.00-16.00 Practice on animal model:  
Termino-lateral anastomosis of carotid on jugular vein
- 16.00-16.30 Briefing
- 16.30-17.30 Clinical cases presentation

### II DAY TUESDAY

- 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
- 16.00-16.30 Briefing
- 16.30-17.30 Clinical cases presentation

### 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
16.00-16.30	Briefing
16.30-17.30	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 practice tests)
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 art. N°8 - 116/92 Law regarding the "animal use for training purposes" n. 113/2008-C. 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.

Participants must provide basic instruments (2 microsurgery forceps n. 3 and n. 5 and a pair of microsurgery scissors), sutures (9/0, 10/0, 11/0) and approximators to be added to the one provided by the organization.

Every participant will be equipped with one kit of microsurgical instruments and with defined number of microsurgical sutures (excess sutures will be at the expense of the participant). If participants need to use instruments or sutures different from supplied kit they have to equip themselves

## SCIENTIFIC COORDINATORS

Pierluigi Tos	Chairperson of the Italian Society of Microsurgery - S.I.M.
Fabrizio Malan	Chairperson of the Italian Society of Plastic, Reconstructive and Aesthetic Surgery-S.I.C.P.R.E.
Riccardo Luchetti	Chairperson of the Italian Society of Surgery of the Hand - S.I.C.M.
Santolo Cozzolino	Coordinator Center of Biotechnologies "A. Cardarelli" Hospital – Naples

## SCIENTIFIC COMMITTEE

### COURSE COORDINATORS

Ignazio Marcoccio	Italian Society of Microsurgery
Antonio Apolito	A.O.R.N. "A. Cardarelli" - Naples
Francesco Croce	A.O.R.N. Ospedale dei Colli - Naples
Francesco D'Andrea	Italian Society of Plastic, Reconstructive and Aesthetic Surgery
Guglielmo Lanni	Italian Society of Surgery of the Hand
Alessia Pagnotta	Italian Society of Microsurgery

## TEACHERS - TUTORS

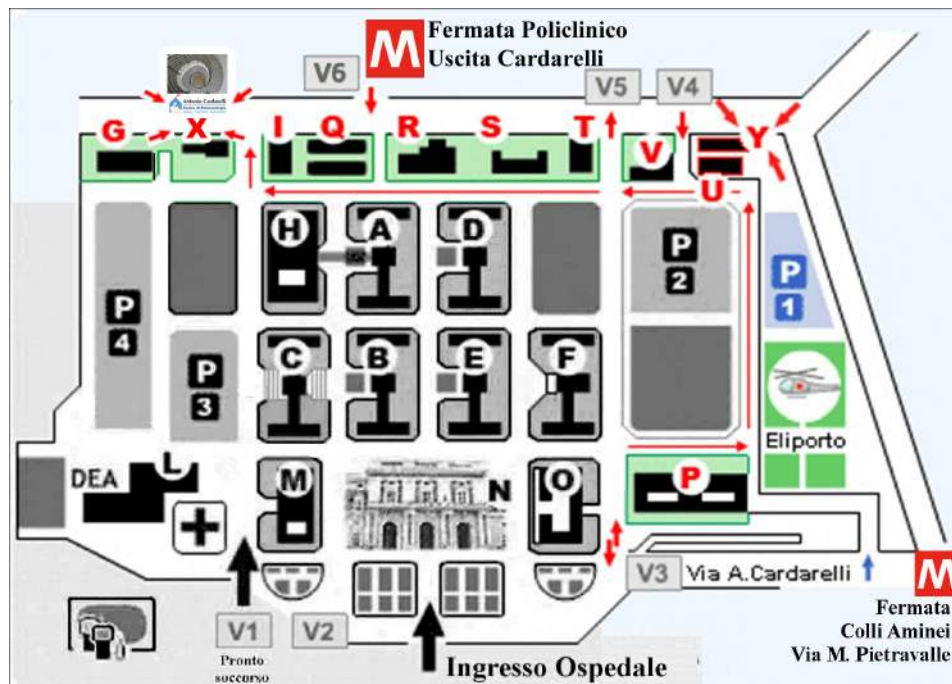
Baccarani Alessio, Modena  
Baldryghi Carla, Firenze  
Baraziol Roberto, Udine  
Baronetti Marco, Lecce  
Bedogni Alberto, Verona  
Bellan Monia, Cremona  
Berto Giorgio Matteo, Milano  
Braghiroli Luca, Terni  
Boux Elena, Torino  
Castaldo Sigismondo, Napoli  
Cherubino Mario, Varese  
Ciclamini Davide, Torino  
Colzani Giulia, Torino  
Cortese Paolo, Milano  
De Vitis Rocco, Roma  
D'Arpa Salvatore, Palermo  
Delia Gabriele, Messina  
Felici Nicola, Roma  
Fonzone Caccese Armando, Napoli  
Fraccalanza Eugenio, Udine  
Frontero Laura, Milano  
Giesen Thomas, Zurigo  
Grammatica Alberto, Brescia  
Grella Roberto, Napoli  
Guzzini Matteo, Roma  
Lancerotto Luca, Padova  
Lazzaro Lara, Udine  
Maggiulli Francesca, Varese  
Malzone Gerardo, Londra  
Marcoccio Ignazio, Brescia  
Morandini Eleonora, Verona  
Moccia 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, Napoli  
Rossello Carlo, Savona  
Russomando Antonia, Modena  
Santorelli Adriano, Napoli  
Sartore Leonardo, Como  
Spingardi Ombretta, Savona  
Taglieri Elena, Roma  
Tamborini Federico, Milano  
Tos Pierluigi, Torino

## EXTERNAL CONSULTANTS

Geuna Stefano, Torino  
Ghanem Ali – Londra  
Talal Dashti, Kuwait  
Legagneux Josette, Parigi  
Yelena Akelina – New York



## HOW TO REACH US



### Underground

**Line 1** – Direction Piscinola and/or Dante – Policlinico Stop, to cross the street use the underground passage and enter in Cardarelli Hospital (gate V6), turn right, walk the street and after I building on your right 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 (gate V6), turn right, walk the street and after I building on your right 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. Follow indications on the map and drive to entrance gate 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.

## ORGANIZATIONAL SECRETARIAT



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