International Master’s Degree in Reconstructive Microsurgery
2-Year Educational Programme (78 ECTS)

International Faculty:
Institut Gustave Roussy, Paris - France
Gent University Hospital, Gent - Belgium
European Institute of Oncology, Milan - Italy
Helsinki University Hospital, Helsinki - Finland
Queen Victoria Hospital, East Grinstead - UK
Tokyo University Hospital, Tokyo - Japan
Hospital de la Santa Creu i Sant Pau, Barcelona - Spain
Microsurgery has become a standard part of all tissue transfer techniques and is an essential component in the most advanced reconstructive procedures, such as vascular anastomosis, lymphatic microsuture and neurorrhaphies. The exponential growth in the use of microsurgical techniques, over the last ten years, especially in plastic surgery, clearly indicates that a skilled microsurgical team is indispensable in all major hospitals.

This International Master in Reconstructive Microsurgery offers comprehensive, specific training in fields such as breast surgery, head and neck reconstruction, limb salvage, genitourinary and supermicrosurgery. The programme includes specific training modules that cover both theoretical and practical aspects. The acquisition of high level skills is guaranteed to all trainees. This master’s degree is officially recognised by the Universitat Autònoma de Barcelona. It is organized in association with a faculty of internationally renowned experts.

It is addressed to plastic surgeons, surgical specialists without experience in microsurgery, and experienced microsurgeons who want to widen their range of competences and learn new skills.

The training programme will be individually tailored to the needs of each student. A high level of performance is expected, and quality instruction is guaranteed.

The training centres are a state-of-the-art learning facility, designed and commissioned to meet the need of the modern healthcare professional and provide excellence as a facility for advanced surgical training. Clinical immersion programme (module 10) is designed for surgeons who wish to increase their knowledge of a particular procedure in a specialised area such as head and neck, breast, limb and genitourinary microsurgical reconstruction in a more intimate environment. The majority of time is spent in the operating theatre observing and working with an expert in the chosen specialist area. New techniques and procedures are demonstrated and students are coached through complex dissections on a one-to-one basis.

An on-line campus has been established, articles, videos, formative evaluation tests, study cases, cross-fire debates are presented. It is designed to promote debate amongst a faculty of world renowned experts and the students discussing key subjects within their surgical speciality.

Master updated meeting will be held every 4 years to discuss complex and challenging clinical cases and new developments. Close interaction between trainees and faculty will be encouraged. The aim of this updating meeting is creating a wider clinical and scientific network that continues to engage in excellence in education and training in institutions throughout Europe.
Learning outcomes

• Provide an environment in which a qualified and motivated student can gain advanced training in reconstructive microsurgery.
• Master and apply suture techniques in microvascular surgery and neurorraphy.
• Analyse and determine the most suitable microsurgical technique for a particular case.
• Preoperatively plan all types of microsurgical flaps: myocutaneous flaps, muscular flaps, bone flaps, axial-cutaneous flaps and perforator flaps.
• Perform microsurgical techniques in all major fields: breast reconstruction, head and neck surgery, limb salvage, lymphedema surgery, genitourinary reconstruction and supermicrosurgery.
• Carry out postoperative follow up of microsurgical flaps: monitoring techniques.
• Approach and perform microsurgical flap salvage techniques.
• Resolve complications and sequelae of reconstructive procedures.
• Plan and perform limb replantation procedures.
• Learn and implement supermicrosurgery techniques.
• Analyze needs and indications for transplantation.

Who is it for

This Master is designed for plastic surgeons and other surgical specialists for whom microsurgery has become an essential component of their practice.

E-learning Campus

• Provide an environment in which a qualified and motivated student can gain advanced training in reconstructive microsurgery.
• Master and apply suture techniques in microvascular surgery and neurorraphy.
• Analyse and determine the most suitable microsurgical technique for a particular case.
• Preoperatively plan all types of microsurgical flaps: myocutaneous flaps, muscular flaps, bone flaps, axial-cutaneous flaps and perforator flaps.
• Perform microsurgical techniques in all major fields: breast reconstruction, head and neck surgery, limb salvage, lymphedema surgery, genitourinary reconstruction and supermicrosurgery.
• Carry out postoperative follow up of microsurgical flaps: monitoring techniques.
• Approach and perform microsurgical flap salvage techniques.
• Resolve complications and sequelae of reconstructive procedures.
• Plan and perform limb replantation procedures.
• Learn and implement supermicrosurgery techniques.
• Analyze needs and indications for transplantation.

Programme contents

MODULE 1
Masterclass. Essential concepts in microsurgery.
• Paris- France

MODULE 2
Workshop. Microvascular surgery training using a small animal model (rats).
• Barcelona- Spain

MODULE 3
Workshop. Flap dissection in fresh cadaver.
• Paris-France

MODULE 4
Workshop. Dissection techniques of perforator flaps and supermicrosurgery using a live animal model (pigs).
• Paris- France

MODULE 5
Clinical training in head and neck microsurgical reconstruction.
• Barcelona- Spain

MODULE 6
Clinical training in breast microsurgical reconstruction.
• Barcelona- Spain

MODULE 7
Clinical training in microsurgical reconstruction of the limb.
• Barcelona- Spain

MODULE 8
Clinical training in genitourinary reconstruction.
• Barcelona- Spain

MODULE 9
Clinical training in supermicrosurgery.
• Barcelona- Spain

MODULE 10
Clinical immersion programme.

ON-LINE CAMPUS
E-learning platform in microsurgery.

ON-SITE EVALUATION

• Barcelona- Spain

Educational coordinators

• Cristina Garusi MD
European Institute of Oncology, Milan - Italy
• Frederic Kolb MD, PhD
Institut Gustave Roussy, Paris - France
• Isao Koshima MD, PhD
Tokyo University Hospital, Tokyo - Japan
• Gemma Pons MD
Hospital de Sant Pau, Barcelona - Spain
• T.C. Teo MD(Hons), FRCS(Ed), FRCS(Plast)
Queen Victoria Hospital, East Grinstead - UK
• Sinikka Suominen MD, PhD
Helsinki University Hospital, Helsinki - Finland
• Koenraad Van Landuyt MD, PhD
Gent University Hospital, Gent - Belgium

Educational programme director

• Jaume Masia MD, PhD
Hospital de Sant Pau (Universitat Autonoma de Barcelona),
Barcelona, Spain.
Education coordinators CV

Cristina Garusi, MD
**CURRENT APPOINTMENT:** Senior Vice Direttore Chirurgia Plastica, Instituto Europeo Oncologico, Milano.
**MEDICAL EDUCATION:**
- Università degli Studi di Verona.
**TRAINING IN PLASTIC SURGERY:**
- Università di Padova.
- Università di Milano.
- Canniesburn Hospital, Glasgow.
**EXPERTISE FIELD**
- Breast reconstructive surgery
- Supermicrosurgery (lymphedema).

Frederik Kolb MD, PhD
**CURRENT APPOINTMENT:** Chief of the Plastic Department of the Institut Gustave Roussy, Villejuif, France.
**MEDICAL EDUCATION:**
- Medical School Bichat, Paris VII.
**TRAINING IN PLASTIC SURGERY:**
- Institut Gustave Roussy.
**EXPERTISE FIELD**
- Head and neck reconstruction
- Skull base surgery
- Breast oncology and reconstruction
- Limb reconstruction
- Onocologic dermatology
- Bioengineering

Isao Koshima MD, PhD
**CURRENT APPOINTMENT:** Professor and Chief of Plastic and Reconstructive Surgery, Graduate School of Medicine, University of Tokyo.
**MEDICAL EDUCATION:**
- Tottori University School of Medicine.
**TRAINING IN PLASTIC SURGERY:**
- Tokyo Women's Medical School
- Tokyo University
- Tsukuba University
- Kawasaki Medical School
- Harvard Medical School
- Okayama University Medical School
- University of Tokyo.
**EXPERTISE FIELD**
- Free tissue transfers with supermicrosurgery (lymphedema)
- Reconstruction for extremities
- Head and neck reconstruction
- Hand reconstruction
- Penis and urethral reconstruction
- Breast reconstruction

Jaume Masía MD, PhD
**CURRENT APPOINTMENT:** Professor and Chief, Department of Plastic and Reconstructive Surgery, Hospital de la Santa Creu i Sant Pau (Universitat Autònoma de Barcelona), Barcelona, Spain.
**MEDICAL EDUCATION:**
- Institut Kaplan, Barcelona, Spain.
**TRAINING IN PLASTIC SURGERY:**
- Hospital de la Vall d'Hebrón, Barcelona, Spain
- Hospital de la Santa Creu i Sant Pau, Barcelona, Spain
- Hospital Central de Asturias, Oviedo, Spain
- Institut Kaplan, Barcelona, Spain
- Canniesburn Hospital, Glasgow, UK
- Queen Victoria Hospital, East Grinstead, UK.
**EXPERTISE FIELD**
- Breast reconstruction
- Supermicrosurgery (lymphedema)

Gemma Pons MD
**CURRENT APPOINTMENT:** Executive Chief of Microsurgery Unit, Department of Plastic and Reconstructive Surgery, Hospital de la Santa Creu i Sant Pau (Universitat Autònoma de Barcelona), Barcelona, Spain.
**MEDICAL EDUCATION:**
- Universitat de Barcelona.
**TRAINING IN PLASTIC SURGERY:**
- Hospital de la Santa Creu i Sant Pau, Barcelona, Spain
- Hospital de la Vall d'Hebrón, Barcelona, Spain
- Hospital Central de Asturias, Oviedo, Spain
- Institut Kaplan, Barcelona, Spain
- Canniesburn Hospital, Glasgow, UK
- Queen Victoria Hospital, East Grinstead, UK.
**EXPERTISE FIELD**
- Breast reconstruction
- Supermicrosurgery (lymphedema)
- Genital reconstruction
- Head and Neck reconstruction

T.C. Teo MD (Hons), FRCS (Ed), FRCS (Plast)
**CURRENT APPOINTMENT:** Vice-Director Department of Plastic and Reconstructive Surgery, Queen Victoria Hospital, East Grinstead, United Kingdom.
**MEDICAL EDUCATION:**
- Aberdeen University, Scotland.
**TRAINING IN PLASTIC SURGERY:**
- Harvard University, Boston, USA
- Chang Gung Memorial Hospital, Taipei, Taiwan
- Royal North Shore Hospital, Sydney, Australia
- Bradford University Hospital
- Aberdeen Teaching Hospitals
- Queen Victoria Hospital, East Grinstead, UK.
**EXPERTISE FIELD**
- Breast reconstruction
- Head and Neck reconstruction
- Genital reconstruction
- Supermicrosurgery (lymphedema)

Sinikka Suominen MD, PhD
**CURRENT APPOINTMENT:** Associate professor at the Department of Plastic and Reconstructive Surgery, Gent University Hospital, Gent, Belgium.
**TRAINING IN PLASTIC SURGERY:**
- Víllan XIV Hospital, Maasmechelen/Sint-Jacobus, Belgium
- Hospital, Tongeren, Belgium
- Gent University Hospital, Belgium
- H Hart Hospital, Oostende, Belgium
- Dijkzigt Hospital, Rotterdam, The Netherlands
- Med. Höchschule Hannover, Germany
**EXPERTISE FIELD**
- Breast reconstruction.
- Pediatric surgery.
- Lower limb reconstruction.
- Supermicrosurgery (lymphedema).

Koenraad Van Landuyt MD, PhD
**CURRENT APPOINTMENT**
- Chief of the Plastic and Reconstructive Surgery, gent University Hospital, Gent, Belgium.
**TRAINING IN PLASTIC SURGERY:**
- Université Libre de Bruxelles, Belgium
- Université Libre, Brussels, Belgium
- Ospitalo di San Paolo, Como, Italy
- Universiti di Milano.
**EXPERTISE FIELD**
- Breast reconstructive surgery
- Supermicrosurgery (lymphedema).
Master’s degree

Candidates who successfully complete the full course will be awarded a Master’s Degree recognised by the Universitat Autònoma de Barcelona. This degree is a 78 ECTS Master (ECTS: European Credits Transfer System) (1ECTS = 25 hours in student’s work). To be awarded this Master’s Degree, trainees must complete all the modules, pass the practical assessment and present a clinical practice report.

To obtain a Postgraduate Diploma in Reconstructive Microsurgery (42 ECTS), trainees must study M1 + M2 + M3 + M4 + M9 modules, plus M5 or M6 or M7 or M8.

Trainees who complete a single module will receive a Certificate.

| Master’s Degree in Reconstructive Microsurgery | 78 ECTS | M1 + M2 + M3 + M4 + M5 + M6 + M7 + M8 + M9 + M10 |
| Diploma in Head & Neck Reconstructive Microsurgery | 42 ECTS | M1 + M2 + M3 + M4 + M5 + M9 |
| Diploma in Breast Reconstructive Microsurgery | 42 ECTS | M1 + M2 + M3 + M4 + M6 + M9 |
| Diploma in Reconstructive Microsurgery of the Lower Limb | 42 ECTS | M1 + M2 + M3 + M4 + M7 + M9 |
| Diploma in Genitourinary Reconstructive Microsurgery | 42 ECTS | M1 + M2 + M3 + M4 + M8 + M9 |

Methodology

The face to face part of this Master’s degree is given in nine modules, each consisting of five-day training courses held throughout the first year. The specific clinical immersion programme is held in set hospitals. However, it can be undertaken at the participant’s own centre, and assessed by the faculty member directing the student educational itinerary. It is mandatory to carry out a clinical or experimental research project. This will facilitate participation in research projects at several hospitals.

Emphasis will be given to practical skills in microsurgical techniques, but will include diagnosis, therapeutic options, decision-making concerning techniques, and recognition and management of risks and complications.

Our educational programme delivers comprehensive professional development opportunities for every level of surgical experience. It puts world class training directly into the hands of those who strive for excellence.
Programme teaching plan

**MODULE M1. Masterclass: Essential concepts in microsurgery.**
Theoretical introduction to the basic concepts of microsurgery.
- History of microsurgery.
- Microscope and microsurgical instruments.
- Selection of suture material for microsurgical procedures.
- Basic skills in microsurgery.
- Advanced skills in microsurgery.
- Preoperative microsurgical planning.
- Microsurgical flap monitoring.
- Selection of right flap.
- Microsurgical flap salvage.
- Refinements in microsurgical reconstruction.

**MODULE M2. Workshop: Microvascular surgery training using a small animal model (rats).**
Intensive training course on basic microsurgical skills using a small animal model (rat).
- Basic management of experimental animal, microscope and instrumentation.
- Microsurgical suture practice on surgical gloves.
- Epineural and perineural suture of the sciatic nerve.
- End-to-end suture of the carotid artery and femoral artery.
- End-to-end suture of the jugular vein and femoral vein.
- Aorta-iliac end-to-end suture.
- End-to-side suture between femoral artery and vein.
- Jugular vein graft to carotid artery.
- In situ ‘groin flap.
- Distant groin flap to the neck.

**MODULE M3. Workshop: Flap dissection in fresh cadaver.**
Flap dissection training using a fresh cadaver model.

**Head and neck:**
- Submental flap.
- Temporo-parietal flap.
- Supraclavicular flap.

**Upper limb and shoulder:**
- Lateral arm flap.
- Radial forearm flap.

**Lower limb and pelvis:**
- Inferior gluteal artery perforator flap (IGAP).
- Superior gluteal artery perforator flap (SGAP).
- Thigh: anterolateral thigh flap (ALT), medial thigh flap and gracilis flap.
- Internal saphenous perforator flap.
- Osteocutaneous peroneal artery perforator flap.
- Propeller flaps based on peroneal and tibial perforators.
- Medial plantar flap.

**Trunk:**
- Internal mammary fascio-cutaneous flaps.
- Intercostal flaps.
- Scapulo-dorsal flaps: latissimus dorsi, thoracodorsal artery perforator flap (TDAP), scapular flap, parascapular flap and chimeric flaps.
- Internal iliac crest: McGregor superficial circumflex inguinal perforator flap (SCIP), iliac crest flap.
- Abdominal wall flaps: musculo-cutaneous rectus abdominis flap, deep inferior epigastric perforator flap (DIEP) and Taylor superficial inferior epigastric artery flap (SIEA).

Lab Training Coordinator: Dr. Susana López
**MODULE M4. Workshop using a live animal model (pig): dissection techniques of perforator flaps and supermicrosurgery.**

Intensive course on dissection of perforator flaps in live animals (pig) and basic supermicrosurgical skills training.

- Perforator flap anatomy.
- Preoperative planning of perforator flaps.
- Dissection technique of perforator flaps.
- Fundamentals of microsurgical techniques.
- Head and Neck Reconstruction with Microsurgical Flaps.
- Perforator Flaps in Breast Reconstruction.
- Perforator Flaps in Limb reconstruction.
- Perforator Flaps in Trunk Reconstruction.

**“Hands on” Dissection Session:**
- Gluteal and dorsal perforator flaps.
- Free style perforator flaps.
- Transferring the flaps to the recipient vessels.
- Super microsurgical flaps.
- Lymphatic channel dissection.
- Lymph node transfer.

**MODULE M5. Clinical training in head and neck microsurgical reconstruction.**

Head and neck microsurgical reconstruction procedures will be performed and students will attend in small groups. The programme will include live webcast surgery and students interactive participation will be encouraged.

- Oncological criteria in head and neck tumors.
- Reconstructive alternatives in head and neck surgery: form, function and aesthetics.
- Evaluation and indications for pedicled flap versus free flap.
- Selection of right flap and receptor vessels.
- Anterolateral thigh perforator flap (ALTFl).
- Thoracodorsal artery perforator flap (TAP).
- Deep inferior epigastric perforator flap (DEP) with Taylor extension.
- Free fibula flap and free osteocutaneous peroneal flap for bone reconstruction.
- Deep circumflex iliac artery perforator flap with iliac crest for bone reconstruction.
- Radial forearm flap.
- Microsurgery in facial palsy.
- Facial reanimation.
MODULE M6. Clinical training in breast microsurgical reconstruction.

Small groups of students will attend microsurgical breast reconstruction procedures. Live webcast surgery will also be shown and students’ interactive participation will be encouraged.

- Oncological management in breast tumors.
- Reconstructive planning in breast tumors.
- Breast reconstruction with implant vs autologous tissue reconstruction.
- Immediate and delayed reconstruction.
- Oncoplastic breast surgery- glandular and perforator flap techniques.
- Breast reconstruction:
  - DIEP flap.
  - SIEA flap.
  - TAP flap.
  - TUG musculocutaneous flap.
  - SGAP flap.
  - IGAP flap.
  - fat grafting.
- transverse myocutaneous gracilis flap (TMG).
- Partial breast reconstruction: oncoplastic and perforator flap techniques.

MODULE M7. Clinical training in microsurgical reconstruction of the limb.

Small groups of students will have the opportunity to observe live microsurgical reconstruction of the limb. Live webcast surgery will be shown and interactive participation will be facilitated.

- Oncological management of limb tumors.
- Reconstructive alternatives in lower limb surgery: form, function and aesthetics.
- Reconstruction following high energy lower limb trauma.
- Reconstructive approaches in chronic osteomyelitis of the lower limb.
- Reconstruction of lower limb defects:
  - latissimus dorsi muscle flap.
  - ALT/ flap.
  - with TAP flap.
  - radial forearm flap.
  - osteocutaneous fibular flap.
  - SCIP flap.
  - propeller flaps.
- Microsurgical bone reconstruction in pseudoarthrosis of the extremities.
- Replantation.
- Reconstruction of the upper limb.
- Surgical anatomy of brachial plexus.
- Surgical approach to the peripheral nerve injuries.
- Avoiding complications in lower limb reconstruction.
- Allotransplantation
- Reconstruction with epiphyseal flaps and joint transfer.
MODULE 8. Clinical training in genitourinary reconstruction.

The students will attend live microsurgical reconstruction of external genitalia and functional bladder reconstruction.

- Anatomy and physiology of genitourinary system.
- Gender reassignment approach.
- Microsurgical techniques in penile reconstruction.
- Reconstruction of penile defects:
  - Radial forearm flap.
  - Ulnar forearm flap.
  - Sensate osteocutaneous fibula flap.
  - Lateral arm flap.
  - Combined flaps: forearm flap urethroplasty + local tube pedicle flaps (superficial external pudendal artery-abdominal flap, ALT...).
- Refinements and resolution of complications after total phallopasty.
- Penile prosthesis implantation after total phalloplasty.
- Bladder functional reconstruction.


Small groups of students will have the opportunity to observe live microsurgical techniques in lymphedema treatment. Live webcast surgery will be shown and interactive participation will be facilitated.

- Anatomy and physiology of the lymphatic system.
- Assessment and surgical treatment of lymphedema.
- Vascularised lymphatic node transfer.
- Lympho-venous anastomosis.
- Combined surgical treatment for lymphedema.
- Lymphangiogenesis and the role of growth factors in lymphedema.
- Free vascularised nerve flaps.
- Microsurgical nanoflaps.


The programme includes a practical training module with feedback from facilitators. During this period, students will be involved in clinical cases involving reconstructive microsurgery. They will present cases to the other students and faculty to clarify doubts and evaluate the surgery.

- Joint review of the microsurgical technique.
- Presentation and discussion of complex clinical cases.
- Resolution of immediate and delayed post-surgical complications involving the flaps.
- Optimization of technique tailored to each student.

ON-LINE CAMPUS: This e-learning area provides quality peer-reviewed information in a dynamic and interactive format.

- Case review.
- Forum discussion to receive feedback from the faculty.
- Video surgery.
- Evaluation tests.
- Second opinion from experts.
- Journal club.
Evaluation
Clinical and practical assessments will be carried out.
Minimal requirements to be awarded the Master’s Degree are:
• Attendance of at least 80% in scheduled classes.
• Surgical efficiency and efficacy of at least 80% through log book and portfolio review.
• A grade of at least 70% in the final exam involving a presentation of clinical cases.
• Research skills: clinical or experimental research projects and literature reviews will be encouraged to be published in a peer reviewed journal.
Clinical immersion programme will be assessed during the present clinical immersion in module M10. Faculty will assess the therapeutic approach, the suitability of the chosen procedure and the quality of the oral presentation of clinical cases.

Schedule
Master’s Degree
First academic year: October to March.
Second academic year: March to December.
Diploma
October to March.

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<tr>
<th>MODULE</th>
<th>LOCATION</th>
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<td>M1 Masterclass: Essential concepts in microsurgery.</td>
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<td>M4 Workshop: Dissection techniques of perforator flaps and supermicrosurgery using a live animal model (pig).</td>
<td>Elancourt - France</td>
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<td>M5 Clinical training in head and neck microsurgical reconstruction.</td>
<td>Barcelona - Spain</td>
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<td>M6 Clinical training in breast microsurgical reconstruction.</td>
<td>Barcelona - Spain</td>
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<tr>
<td>M7 Clinical training in microsurgical reconstruction of the lower limb.</td>
<td>Barcelona - Spain</td>
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<td>M8 Clinical training in genitourinary reconstruction.</td>
<td>Barcelona - Spain</td>
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<tr>
<td>M9 Clinical training in supermicrosurgery.</td>
<td>Barcelona - Spain</td>
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<tr>
<td>M10 Clinical immersion programme.</td>
<td>Tokyo - Japan / Paris - France / Gent - Belgium / Milan - Italy / Helsinki - Finland / East Grinstead - UK / London - UK / Barcelona - Spain</td>
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Faculty
Joan Albanell MD, PhD
Hospital del Mar, Barcelona - Spain

Agusti Barnadas MD, PhD
Hospital de Sant Pau, Barcelona - Spain

Pere Aràsil MD
Fundació Puigvert, Barcelona - Spain

Helena Basçaunha MD, PhD
Hospital de Sant Pau, Barcelona - Spain

Phillip Blondel MD, PhD
Gent University Hospital, Gent - Belgium

Enric Cáceres MD, PhD
Hospital del Mar, Barcelona - Spain

César Casado MD, PhD
Hospital de La Paz, Madrid - Spain

Jorge Caffaratti MD
Fundació Puigvert, Barcelona - Spain

J.R. Escudero MD
Hospital de Sant Pau, Barcelona - Spain

Manuel Fernández MD
Hospital de Sant Pau, Barcelona - Spain

Cristina Garusi MD
European Institute of Oncology, Milan - Italy

Isidre Gràcia MD
Hospital de Sant Pau, Barcelona - Spain

Marco Innocenti MD, PhD
Ospedale Careggi, Florence - Italy

Jian Farhadi MD, PD, FMH (Plast)
St. Thomas Hospital, London - UK

Frederic Kolb MD, PhD
Institut Gustave Roussy, Paris - France

Maija Kolehmainen MD, PhD
Helsinki Univ. Hospital, Helsinki - Finland

Isao Koshiba MD, PhD
Tokyo University Hospital, Tokyo - Japan

Xavier León MD, PhD
Hospital de Sant Pau, Barcelona - Spain

Manel Llusá MD, PhD
Hospital Vall d’Hebrón, Barcelona - Spain

Susana López MD
Hospital de Sant Pau, Barcelona - Spain

Andrea Marzetti MD
Ospedale San Carlo, Roma - Italy

Jaume Masía MD, PhD
Hospital de Sant Pau, Barcelona - Spain

Stan Monstrey MD, PhD
Gent Univ. Hospital, Gent - Belgium

Mar Vernet MD, PhD
Hospital del Mar, Barcelona - Spain

Miloimir Ninkovic MD, PhD
Hospital Bogorahausen, Munich - Germany

Stefano Pompel MD, PhD
San Pertini Hospital, Roma - Italy

J. Caffaratti MD
Hospital de Sant Pau, Barcelona - Spain

Miquel Quer MD, PhD
Hospital de Sant Pau, Barcelona - Spain

Eduard Ruiz-Castañé MD
Fundació Puigvert, Barcelona - Spain

Sinikka Suominen MD, PhD
Helsinki Univ. Hospital, Helsinki - Finland

T.C. Teo MD (Hons), FRCS (Ed), FRCS (Plast)
Queen Victoria Hospital, East Grinstead - UK

Koenraad Van Landuyt MD, PhD
Gent Univ. Hospital, Gent - Belgium

Carmen Vega MD
Hospital de Sant Pau, Barcelona - Spain
Number of students accepted
A maximum of 25 and a minimum of 9 students will be accepted to the Master Degree programme. The number of students admitted to the Diploma programme will depend on the number of students enrolled in the Master’s Degree.

Location
- **BARCELONA - SPAIN:** M5, M6, M7 and M9
  Hospital de Sant Pau
  Universitat Autònoma de Barcelona
  C/ Sant Quintí 89 · 08041 Barcelona
- **SABADELL - SPAIN:** M2
  Centro de cirugía experimental de la Mutua Sabadellense
  Corporació Sanitària Parc Taulí · C/ Parc taullé 1 · 08028 Sabadell
- **PARIS - FRANCE:** M1, M3
  Université René Descartes
  Faculté de Médecine Paris Descartes
  45 rue des Saints, Pères · 75006 Paris
- **ELANCOURT - FRANCE:** M4
  Covidien European Training Centre
  2 rue Denis Diderot · 78990 Elancourt
- **BARCELONA - SPAIN:** M8
  Fundació Puigvert
  C/ Cartagena 340 · 08025 Barcelona

Depending on student’s preferences and availability of centres, the clinical immersion (M10) will take place at the following reference hospitals:
- Hospital de la Santa Creu i Sant Pau (Barcelona - Spain)
- Queen Victoria Hospital (East Grinstead - UK)
- Institut Gustave Roussy (Paris - France)
- European Institute of Oncology (Milan - Italy)
- Helsinki University Hospital (Helsinki - Finland)
- Gent University Hospital (Gent - Belgium)
- Tokyo University Hospital (Tokyo - Japan)
- St. Thomas Hospital (London - UK)

Duration
2 years.

Credits
A total of 78 ECTS (European Credits System Transfer) will be awarded. The ECTS is a student-centred system based on the student workload required to achieve the objectives of a programme. 1 ECTS is equivalent to 25 learning hours.

Updating courses
Update sessions will be held every three years to discuss clinical cases, to stay abreast of current knowledge and to present new techniques and tools. The philosophy of these sessions is to establish a specialized working group with effective communication between former students and faculty.

Registration
Application deadline: 30th April of the current year.

Elegibility
- For the Master Degree: Specialists in plastic surgery and final-year plastic surgery residents.
- For the Post-graduate Diploma: Specialists in General Surgery, Gynaecology, Orthopaedics, ENT, Maxillofacial Surgery and Urologist.

Selection criteria will be based on:
- Curriculum vitae.
- Two letters of reference are required.

Tuition fees
Master’s Degree 10,000 euros.
Post-graduate diploma 6,000 euros.

The Master’s degree fees are payable in two instalments of 6,000 euros and 4,000 euros.
Our partnerships
We are proud to partner with some of the world’s most respected plastic surgery companies.

Main partnership

Other partnership

INFORMATION
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Web address: www.rmes.es