



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DMSC
Dipartimento di Medicina
Sperimentale e Clinica

Director: Prof. Francesco Annunziato



Master degree in
Bronchoscopy and Interventional Pulmonology
Academic year **2024/2025**

Coordinator Prof. **Lorenzo Corbetta**

Director of Advanced Training Program in Interventional Pulmonology

Careggi University Hospital

Scientific Committee

Lorenzo Corbetta, Firenze
Piero Candoli, Bologna
Giovanni Galluccio, Roma
Lucio Michieletto, Venezia
Marco Patelli, Bologna
Stefano Romagnoli, Firenze
Sara Tomassetti, Firenze
Luca Voltolini, Firenze
Simone Vanni, Firenze

Website:

<http://master.pneumologia-interventistica.it/>

Secretary:

segreteria.master@pneumologia-interventistica.it

lorenzo.corbetta@unifi.it

Master's Values

- 1.** University Master 2nd level certification in Interventional Pulmonology valid as a curriculum title.
- 2.** **15 years** of teaching experience that has led to a structured program, compliant with the core curriculum and international standards for the professional figure of the Interventional Pulmonologist with lessons carried out by leading Italian, foreign experts and qualified tutors.
- 3.** **Innovative experiential teaching methods** which are oriented to professional competence with the use of low and high fidelity simulation and log-book registration of the activities carried out by the learner.
- 4.** 3-week internship in centers distributed throughout the national territory.
- 5.** Reference manual created by the Master teachers: ***Competenze e training in Pneumologia Interventistica*** - Minerva edition 2023, Torino
- 6.** **Website** for communications and with the archive of the educational resources (<http://master.pneumologia-interventistica.it>) with an e-learning platform where you can find the recorded lessons, teaching material and scientific update.
- 7.** **Teaching and evaluation sessions** carried out at the Careggi University Hospital on working days to allow the attendance in the Endoscopic.
- 8.** Quick connections to reach the center of Florence over the educational sites and agreements with hotels and restaurants.
- 9.** Publication of the final papers in indexed journals or with ISBN coding, valid requirement for public competitions.
- 10.** Inclusion of Master graduates in a national and international network for continuing professional development (Boot Camp, Workshops, Congresses).

Master degree in Bronchoscopy and Interventional Pulmonology 2024/2025

Thoracic Endoscopy has developed fast in recent years thanks to the availability of new and more accurate instruments for the inspection of the bronchial tree together with the development of numerous new interventional procedures for the diagnosis and treatment of bronchopulmonary lesions. For this reason, the term Interventional Pneumology has been adopted internationally to define its strategic role in modern Pneumology for the diagnosis and treatment of neoplastic diseases of bronchus, lung and pleura, lung interstitial diseases, infectious pathology and tracheobronchial stenosis, and the interventional nature of procedures such as bronchial and transbronchial biopsy, transbronchial needle aspiration (TBNA), endosonography, virtual and electromagnetic pulmonary navigation, laser-assisted tracheobronchial unblocking, prosthesis placement, thermoplastic, pulmonary volumetric reduction and artificial airway management. In this new scenario it becomes increasingly important for the Pulmonology specialist to acquire theoretical and practical skills in Interventional Pulmonology through a targeted and long-lasting post-university teaching that starts from the physiopathological bases of respiratory diseases to arrive at the acquisition of the main manual skills of the discipline. Therefore the Master's course aims to train a multi-purpose pulmonologist with professional skills in diagnostic and operative bronchoscopy, thoracoscopy, management of artificial airways through the synergistic contribution of University and Hospital professors.

The 15th Master in Interventional Pulmonology follows the positive experience of the 15 previous editions which saw the participation of numerous specialists from all over the national territory. Since 2010, 400 physicians have been receiving a Master's degree in Interventional Pulmonology: in very many cases they use their new skills and academic qualifications. Based on the acquired experience and international experiences, we have considered useful to treat the topics from 2 perspectives: the technical-procedural one and the analytical one, regarding the processes and diagnostic-therapeutic pathways that involve the execution of endoscopic procedures. Therefore, the most appropriate solutions will be proposed to the problems that are put to the Interventional Pulmonologist with the contribution of other specialties such as Thoracic Surgery, ENT, Radiology, Anesthesia and Resuscitation, Internal Medicine, Oncology. The teaching, led by experts from the University of Florence and the main Italian Centers of Interventional Pulmonology, is mainly directed to medical specialists in respiratory system diseases and other specialists who have an interest in acquiring professionalism in this sector. The Master uses traditional frontal and seminar teaching methods together with innovative methodologies such as the use of virtual reality and manikins simulators, "real time" streaming connections with endoscopic rooms, e-learning sessions, videoconferences and different internships in the National centers.

The lessons are carried out in Flipped classroom mode which provides for the preliminary consultation the Moodle platform (<https://scuola.med.unifi.it>) of the lessons and teaching material, also valid as e-learning. The Master's course complies with International Standards, in particular those of the Association of Directors of International Pulmonology Programs (AIPPD) for the standardization of interventional Pulmonology scholarships based on the reports of the American Societies for the certification of professional activities. The assessment of competences is based, in addition to the lessons attendance, on the number of recorded procedures on a specific online logbook, on passing an MCQ (multiple choice questionnaire) examination, on the preparation of one paper (review and / or experimental study), on passing validated DOPS (Direct Observation Procedural Skill) on practical skills (B-STAT, EBUS-STAT, ENB-OCAT, UGSTAT).

Official texts: *Monography on Competence in Interventional Pulmonology* - Ed. PanMinerva 2019, Torino, September; 61 (3). English and Italian Ed.

Competenze e training in Pneumologia Interventistica – Ed. Minerva Medica 2023 – Italian and english edition

Theaching methodologies:

- 1) interactive theoretical session (flipped classroom);
- 2) problem based discussion with the support of digital tools;
- 3) hands on practice on low and high-fidelity simulators;
- 4) live sessions and streaming from the bronchoscopy suite;
- 5) final assessment of the competence by logbook and DOPS.

Starting of the lesson: 30th of January 2025

Scheduled program: 6 sessions of 3/5 days, 3 weeks of internship. Every session will be transmitted on a videoconference platform and uploaded in a Youtube channel with translation.

Locations:

- **Aula Magna presso AOU Careggi, padiglione 6, Ex Presidenza Facoltà di Medicina**
Largo Brambilla, 3
50134 Firenze
- **Training Center presso AOU Careggi, padiglione 50/B**
Viale Pieraccini, 11
50139 Firenze (FI)
- **Sala endoscopica SOD presso AOU Careggi, padiglione 12C**
Largo Brambilla, 3
50134 Firenze (FI)
- **The Social Hub (ex Student Hotel) presso Firenze**
Viale S. Lavagnini, 70
50129 Firenze (FI)
- **Meyer Health Campus presso Firenze**
Via Cosimo il Vecchio, 26
50139 Firenze (FI)
- **Fondazione Internazionale Menarini presso Fiesole**
Piazza Giuseppe Garibaldi, 30
50014 Fiesole (FI)

Official language: Italian, partially translated in english

Handbook: Monography on Competence in Interventional Pulmonology – Ed. Minerva 9/2019
Competenze e training in Pneumologia Interventistica – Ed. Minerva Medica 2023 – Italian and english edition

Organizing secretariat: segreteria.master@pneumologia-interventistica.it

Phone: Dr. Lorenzo Corbetta +39 3394834619
Dr. Chiara Del Corona +39 340 6713445

Learning Targets - To achieve theoretical and practical knowledge in the following topics:

Basic competence

- Thoraco-pulmonary anatomy and histology and pathological anatomy of the main thoraco-pulmonary diseases.
- Thoraco-pulmonary radiological and surgical anatomy
- Thoraco-pulmonary physiopathology
- Professional accreditation, structure and medical-legal aspects in interventional pneumology.
- Training and computerization of interventional pulmonology facilities
- Risk management in Interventional Pneumology (check list, audit, M&M)
- Health Technology Assessment
- Interventional Pulmonology in Health Governance

**Competence-oriented teaching (Knowledge, Skills, Attitude)
- TOPICS**

Part A: Disease-specific basic knowledge requirements

Lung cancer and solitary pulmonary nodule	<ul style="list-style-type: none"> • Diagnosis, staging and natural history of thoracic malignancies to include lung cancer, mesothelioma, thymoma, lymphoma • Pathology of lung cancer • Indications, contraindications, limitations, complications, techniques, and interpretation of results of diagnostic and therapeutic procedures <ul style="list-style-type: none"> ○ integral to the discipline, including the appropriate indication for and use of screening tests/procedures as well as the risks and benefits of alternative procedures • Collaboration among specialists in the management of lung cancer: • multidisciplinary thoracic tumor board • Undiagnosed mediastinal and hilar lymphadenopathy
Malignant and non-malignant central airway disorders	<ul style="list-style-type: none"> • Malignant central airway disorders • Non-malignant central airway obstruction due to: • Tracheal/bronchial obstruction secondary to, for example, granulomatosis with polyangiitis, post-intubation/tracheostomy, tuberculosis, sarcoidosis, amyloidosis, recurrent respiratory papillomatosis, broncholithiasis, tracheal/bronchial malacia / excessive dynamic airway collapse secondary to relapsing polychondritis, Mounier-Kuhn syndrome, COPD • Foreign bodies • Vocal cord disorders • Airway complications following airway surgery/lung transplant to include anastomotic strictures/granulation • Airway stent-associated granulation tissue • Extrinsic compression from, for example, goitre, mediastinal cyst, lymphadenopathy • Pathophysiology and radiographic interpretation of central airway obstructions <ul style="list-style-type: none"> ○ Strategy on endoscopic and surgical treatment

Interstitial lung diseases and granulomatosis	<ul style="list-style-type: none"> • Classification, epidemiology, etiology, clinical and endoscopic diagnosis, treatment and follow-up of interstitial lung diseases • Radiographic (CT-Scan) interpretation of the main patterns of ILD and granulomatosis • Indication for interventional bronchoscopic diagnosis (BAL, transbronchial biopsy and needle aspiration, cryobiopsy) and for surgical biopsy
Pulmonary infections	<ul style="list-style-type: none"> • Classification, epidemiology, etiology, clinical and endoscopic diagnosis, treatment and follow-up of pulmonary infections • Radiographic and blood chemistry interpretation of pulmonary infections • Indication for interventional diagnosis (BAL, transbronchial biopsy and needle aspiration) • Management of critical phases of pulmonary infection
COPD and Asthma	<ul style="list-style-type: none"> • COPD • Pathophysiology, classification, imaging and treatment of severe COPD • Indications for the endoscopic treatment of emphysema • Asthma • Pathophysiology and treatment of severe asthma • Differential diagnosis of asthma • Indications for the endoscopic treatment of asthma(thermoplasty)
Pleural diseases	<ul style="list-style-type: none"> • Parapneumonic effusion and empyema • Malignant pleural effusions • Malignant mesothelioma • Recurrent non-malignant pleural effusions (chylothorax, hepatic hydrothorax / effusions due to refractory congestive heart failure) • Pneumothorax • Pleural fistulas • Knowledge of differential diagnosis and treatment through non-invasive (radiographic imaging, thoracic ultrasound) and invasive procedures (medical thoracoscopy with parietal pleural biopsy and pleurodesis, pleural catheter placement: chest tube, small bore catheter, and implantable tunnelled catheters, percutaneous pleural biopsy, VATS)
<p>Part B: Skills in diagnostic and operative procedures</p>	
Flexible bronchoscopy and basic biopsy technique	<ul style="list-style-type: none"> • Flexible bronchoscopy and basic biopsy techniques: endobronchial biopsy, transbronchial biopsy, TBNA, ROSE, BAL, brushing
Endosonographic techniques	<ul style="list-style-type: none"> • Interventional endosonography (EBUS, EUS, EUS-B): Mediastinal and hilar lymph node sampling using convex endobronchial ultrasound
Bronchoscopic navigation	<ul style="list-style-type: none"> • Navigation, guided transbronchial biopsy (guided-TBB) for peripheral pulmonary lesions (PPL) and cryobiopsy for Interstitial Lung Disease (ILD) : image-guided or computer-guided diagnostic bronchoscopy for evaluation of

	<p>parenchymal opacities, of airway invasion vs compression, and to guide biopsy: fluoroscopy, electromagnetic pulmonary navigation, EBUS-radial probe and cryobiopsy, Cone Beam and augmented fluoroscopy, Robotic bronchoscopy</p>
Operative bronchoscopy	<ul style="list-style-type: none"> • Rigid bronchoscopy with the following associated procedures: <ul style="list-style-type: none"> • Rigid core and mechanical debulking • Endobronchial ablative techniques using one or more of the following devices: Laser, Argon plasma coagulation, Electrocautery, Cryotherapy • Photodynamic therapy • Placement and removal of endobronchial stents (silicone, hybrid, dynamic) • Rigid sequential dilatation • Foreign bodies removal • Management of massive hemoptysis • Endoscopic treatment of emphysema and severe asthma • Markers implant • 3D stent
Pleural procedures	<ul style="list-style-type: none"> • Medical thoracoscopy with parietal pleural biopsy and pleurodesis • Pleural catheter placement (chest tube, small bore catheter, and implantable tunnelled catheters)
Thoracic ecography	<ul style="list-style-type: none"> • Thoracic ultrasound to assess and guide interventions in the pleural space
Bronchoscopy in ICU, anaesthesiology, and thoracic surgery	<ul style="list-style-type: none"> • Bronchoscope intubation in difficult airways • Management of endotracheal tubes, double lumen tubes and laryngeal mask • Management of tracheostomy tubes • Tracheobronchial aspiration to drain secretions • Diagnosis of pulmonary infiltrates, VAP and ARDS in ICU • Percutaneous dilatational tracheostomy placement and management • Use and integration of interventional procedures in the management of surgical interventions: mediastinoscopy, thoracotomy and lung resection, thoracoscopy and video-assisted thoracoscopy, surgical management of empyema, lung volume reduction surgery, lung transplantation, laryngeal/tracheal resection and reconstruction, tracheoplasty, suspension laryngoscopy, open surgical tracheotomy, pulmonary sequestration, and management of other malformations, cystic lesions, empyema • Clinical and surgical staging of lung cancer, Diagnosis and treatment of surgical complications: loss of airway integrity; anastomotic dehiscence, tracheobronchial/esophageal fistula, broncho-pleural/alveolar-pleural fistula; management of chest drainage
Emergency in Interventional Pulmonology	<ul style="list-style-type: none"> • Bronchoscopic management of massive hemoptysis, foreign body, thoracic trauma, central airway obstructions and lesions, surgical complications • Pediatric thoracic emergency
New treatments in asthma and COPD	<ul style="list-style-type: none"> • Endoscopic treatment of emphysema and severe asthma • Rheoplasty



A.A. 2019-2020







2009-2019

10 years of Master in Bronchoscopy and Interventional Pulmonology





Master degree in
Bronchoscopy and Interventional Pulmonology
Academic year 2024/2025

Coordinator Prof. **Lorenzo Corbetta**
Director of Advanced Training Program in Interventional Pulmonology
Careggi University Hospital

Short program

Sessions

Workshops

30th-31st of January 2025, 9am: Opening Ceremony

- Lecture: Training and Competence in Interventional Pulmonology: the Master experience
- Presentation of the faculty and participants
- Presentation of the program MCQ Assessment

1st session: 17th to 21st of February 2025

- Basic bronchoscopy and biopsy techniques
- ROSE
- Live Streaming from the Endoscopy Suite
- Live or prerecorded lessons
- Flipped Classroom and problem based discussion
- Q&A with the participants

2nd session: 7th to 13th of April 2025

- Live Streaming from the Endoscopy Suite
- Live or prerecorded lessons
- Endosonography
- Pulmonary navigation
- Operative bronchoscopy
- Anesthesia in flexible and rigid bronchoscopy
- Flipped Classroom and problem based discussion Q&A with the participants

Workshop 1: 8th of April

Update on Lung Tumor and
Multidisciplinar Team
Discussion

3rd session: 19th to 23st of May 2025

- Live Streaming from the Endoscopy Suite
- Respiratory infections
- Pleural diseases, pleural procedures, thoracoscopy
- Integrated treatment of Emphysema
- Thoracic Echography
- **Hands-on practice** in bronchoscopy, EBUS, rigid bronchoscopy and pleural procedures with simulators
- Q&A with the participants

4th session: 12th to 18th of June

- Live Streaming from Endoscopy Suite
- **Hands-on practice** in bronchoscopy, EBUS, rigid bronchoscopy and pleural procedures with simulators
- Problem based discussion
- Flipped classroom
- Practical Assessment
- Q&A with the participants

5th session: 12th to 17th of September 2025 (blended)

- Bronchoscopy in Emergency, anaesthesia and UTI
- Paediatric bronchoscopy
- Cryobiopsy and interstitial lung diseases
- **Hands-on practice** in bronchoscopy, EBUS, rigid bronchoscopy and pleural procedures with simulators
- Problem based discussion
- Flipped classroom
- Q&A with the participants
- MCQ evaluation

Workshop 2:

17th September

Update on Diffuse Lung Disease and Cryobiopsy and MDT

6th session: 16th to 19th of October (blended)

- **Hands-on practice** in bronchoscopy, EBUS, rigid bronchoscopy and pleural procedures with simulators
- Intermediate test
- Preparation of the final thesis

May to October 2025: Internships in the IP National Centres

30th of October 2025: Final examination and Diploma

General indications:

During the streaming one or more operators from the Unit of Interventional Pulmonology and two experts will comment the operations. There could be more than one room in connection.

Attendance of at least 2/3 of the lectures is required. Interactive online attendance with camera on is considered 50%.

Practical activities (in blue) and the internship are mandatory at 70%.

It is mandatory to do 3 weeks of internship in one or more national Interventional Pulmonology centres.

The final examination is mandatory in presence.

Master's coordinator

Prof. Lorenzo Corbetta

Director of Advanced Training Program of Interventional Pulmonology

Careggi University Hospital - Florence

Tutors of endoscopy room of Florence

- **Medical staff:** L. Corbetta, S. Tomassetti, M. Trigiani, V. Luzzi, R.M. Piperio, L. Ciani, L. Giuntoli
- **Nursing staff:** A. Castagna, L. Tarchi, M. Bacci, S. Fontani, S. Vannucchi

Tutors of endoscopy room of Bologna

- **Medical staff:** P. Candoli, F. Natali, GP. Bandelli, M. Ferrari, M. Ferioli

Tutor of specific practical activities

- Gruppo Oncologico Multidisciplinare Polmone (GOM): K. Ferrari, A. M. Grosso, V. Scotti, F. Mazzoni, A. Gonfiotti, L. Paggelli, S. Bongiolatti, C. Moroni, E. Cavigli, A. Bindi, T. Martini, M. Trigiani, V. Monti, C. Comin
- TC/FNA: Agoaspirato Transtoracico TC guidato
F. Mondaini – S.O.D. Radiologia Interventistica, AOU Careggi, Firenze
- ROSE
C. Maddau – G. Pompeo – C. Di Stefano – S. Cannistrà - Istituto per lo Studio e la Prevenzione Oncologia ISPO, Firenze
- Imaging
C. Moroni, E. Cavigli, A. Bindi - SOD Radiodiagnostica 4, AOU Careggi, Firenze
- Chirurgia toracica
L. Voltolini - S.O.D. Chirurgia Toracica, AOU Careggi, Firenze
- Ecografia Toracica
M. Zanobetti – S.O.D. Inquadramento Clinico Integrato e Percorsi Intraospedalieri delle Urgenze, AOU Careggi, Firenze
L. Sannicheli – S.O.D. Subintensiva di medicina, AOU Careggi, Firenze
- Ecografia toracica e toracosopia
M. Trigiani – S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- EUS
M. R. Biagini – S.O.D. Gastroenterologia Clinica, AOU Careggi, Firenze
- Valvole
V. Luzzi - S.O.D. Pneumologia Interventistica AOU Careggi, Firenze

- EBUS radiale - Navigazione
M. Trigiani - V. Luzzi – L. Ciani – L. Giuntoli - S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- Criobiopsie
S. Tomassetti – Direttore S.O.D. Pneumologia Interventistica AOU Careggi, Firenze

Tutors of Anesthesia and Resuscitation

- P. Fontanari - C. Bechi - S.O.D. di Cardioanestesia e Cardiorianimazione, AOU Careggi, Firenze
- M. Micaglio – S.O.D. di Anestesia di Area Ostetrica e Ginecologica, AOU Careggi, Firenze.
- F. Barbani - S.O.D. di Anestesia e Oncologica e Terapia Intensiva, AOU Careggi, Firenze.
- S. Romagnoli - S.O.D. di Anestesia e Oncologica e Terapia Intensiva, AOU Careggi, Firenze.
- P. Serio – Broncoscopia Pediatrica, IRCCS Meyer, Firenze.

Session of exams and final evaluation

From May to October 2025: Internships, Stage in International centers IP

30th of October 2025: Final exam and Diploma

Internship centers

- AOU Careggi - Firenze
- Policlinico Sant'Orsola Malpighi - Bologna
- Ospedale dell'Angelo - Mestre
- Ospedale Regina Apostolorum - Roma
- AUSL della Romagna - Ravenna
- Ospedale San Martino - Genova
- Ospedale Pederzoli - Peschiera del Garda
- Ospedali dei Colli - Napoli
- AOU Maggiore della Carità – Novara
- AOU Santi Antonio e Biagio e Cesare Arrigo – Alessandria
- Azienda Sociosanitaria Ligure 5 – La Spezia
- Azienda Socio Sanitaria Territoriale degli Spedali Civili di Brescia – Brescia
- Fondazione Policlinico Universitario Campus Bio-Medico - Roma

Secretary

Secretary for enrolment

Biomedical area

master-bio@unifi.it

Master secretary

Chiara Del Corona

segreteria.master@pneumologia-interventistica.it

+39 340 6713445

Training Center Viale Pieraccini 50/B –50134 Firenze

IT Manager

Paolo Testani

paolo.testani@trasit.net

International Faculty

Abramovich A. (Israele)

Alraiyes AB (USA)

Argento C. (USA)

Ariza M. (Spain)

Astoul P. (Marsiglia)

Calvin NG (Hong Kong)

Darwiche K. (Germania)

Dutau H. (Francia)

Folch E. (Boston)

Freitag L. (Switzerland)

Guibert N. (Francia)

Harikishan Gonuguntla (India)

Herth F. (Germania)

Klooster K. (Netherlands)

Lee H. (USA)

Martinod E. (Francia)

Munavvar M. (UK)

Murgu T. (USA)

Musani A. (USA)

Pallares J. (Spagna)

Pritchett M. (USA)

Rosell T. (Spagna)

Rozman A. (Slovenia)

Shah P. (UK)

Slebos E. (The Netherlands)

Stratakos G. (Grecia)

Toma T. (UK)

Van Der Heijden E. (The Netherlands)

Teachers and tutor of Master and integrated activities

Avenali S. (Firenze)	Fois A. (Sassari)
Baggi R. (Firenze)	Fontanari P. (Firenze)
Bandelli G. (Bologna)	Fontani S. (Firenze)
Barbani F. (Firenze)	Galasso T. (Bologna)
Barisione E. (Genova)	Galluccio G. (Roma)
Bartolini V. (Firenze)	Giuntoli L. (Firenze)
Bechi A. (Firenze)	Gonfiotti A. (Firenze)
Bennett D. (Siena)	Grosso A. M. (Firenze)
Bonifazi M. (Ancona)	Guarino C. (Napoli)
Bottoli C. (Mantova)	Ibrahim M. (Roma)
Camiciottoli G. (Firenze)	Korovesi K. (Firenze)
Candoli P. (Bologna)	Lanfranchi F. (Mestre)
Cannistrà S. (Firenze)	Lavorini F. (Firenze)
Cardillo G. (Roma)	Lazzari Agli L. (Rimini)
Carlucci P. (Milano)	Livi V. (Bologna)
Casalini G. (Parma)	Luzzi L. (Siena)
Catino C. (Treviso)	Luzzi V. (Firenze)
Cavigli E. (Firenze)	Maddau C. (Firenze)
Ciani L. (Firenze)	Majori M. (Parma)
Colosimo D. (Firenze)	Mancino L. (Mestre – VE)
Comel A. C. (Peschiera)	Marchetti G. P. (Brescia)
Comin C. (Firenze)	Marchioni A. (Modena)
Conti V. (La Spezia)	Marchi G. (Lucca)
Corbetta L. (Firenze)	Marcianò G. (Siena)
Cozzi D. (Firenze)	Marrazzo G. (Cosenza)
Di Stefano C. (Firenze)	Mattioli F. (Modena)
Facciolongo N. (Reggio Emilia)	Mazzoni F. (Firenze)
Feroli M. (Bologna)	Melfi F. (Pisa)
Ferrari K. (Firenze)	Mencarini J. (Firenze)
Ferrari M. (Bologna)	Micaglio M. (Firenze)
Foccoli P. (Brescia)	Michieletto L. (Mestre -Venezia)

Mondaini F. (Firenze)
Mondoni M. (Milano)
Montinaro F. (Firenze)
Moroni C. (Firenze)
Natali F. (Bologna)
Pasini V. (Firenze)
Patelli M. (Bologna)
Paternostro F. (Firenze)
Pelagatti L. (Firenze)
Persiani N. (Firenze)
Pinelli V. (Sarzana)
Piperio R. M. (Firenze)
Piro R. (Reggio Emilia)
Pompeo G. (Firenze)
Rogasi P.G. (Firenze)
Radovanovic D. (Milano)
Romagnoli M. (Treviso)
Romagnoli S. (Firenze)
Rosi E. (Firenze)
Rossolini G. M. (Firenze)
Salio M. (Alessandria)
Sammicheli L. (Firenze)
Savoia F. (Treviso)
Scarlata S. (Roma)
Serio P. (Firenze)
Simonassi C. F. (Genova)
Soldati G. (Lucca)
Solidoro P. (Torino)
Sorbello M. (Catania)
Smargiassi A. (Roma)
Tassi G. F. (Brescia)
Tofani A. (Firenze)
Tomassetti S. (Firenze)
Trigiani M. (Firenze)
Trisolini R. (Roma)
Tursi F. (Codogno)
Vannucchi S. (Firenze)
Voltolini L. (Firenze)
Von Borries S. (Firenze)
Zanforlin A. (Bolzano)
Zanobetti M. (Arezzo)

General information

Master's duration

The Master has a duration of 9 months from January to October 2025

Access Requirements

- Degree in Medicine and Surgery
- Qualifications obtained abroad and professional training qualification assessed as equivalent by the Organizing Committee
- Qualification to practice medicine

Contributions paid by students

The registration fee for the Master is € 3,000 to be paid in two parts:

- the first part upon registration;
- the second part within 4 months of the registration deadline.

Number of places

The maximum number of available places is 60. The master will be activated with a minimum number of 8 entries.

ECM exemption

The doctors who will attend the entire course of the Master will be exempted from the ECM requirement for the year of attendance.

Main location of the teaching activity

- **Aula Magna presso AOU Careggi, padiglione 6, Ex Presidenza Facoltà di Medicina**
Largo Brambilla, 3
50134 Firenze (FI)
- **Training Center presso AOU Careggi, padiglione 50/B**
Viale Pieraccini, 11
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- **Sala endoscopica SOD presso AOU Careggi, padiglione 12C**
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