



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Dipartimento di Medicina Sperimentale e Clinica
Direttore Prof. Corrado Poggesi

11°



Second Level Master in Bronchoscopy and Interventional Pneumology 2019/2020

Coordinator: Prof. Lorenzo Corbetta

Director of Advanced Training in Interventional Pneumology, Careggi University Hospital

Scientific Committee

Lorenzo Corbetta, Firenze
Raffaele De Gaudio, Firenze
Carlo Mereu, Pietra Ligure
Marco Patelli, Bologna
Luca Voltolini, Firenze

Required Patronages: SIP, AIPO, EABIP, WABIP, AABIP

The Master values

- 1.** University Master 2nd level certification in Interventional Pneumology valid as a curriculum title.
- 2.** 10 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 Pneumologist 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: "Monography on competence in Interventional Pulmonology" - Ed. Panminerva 2019 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 Room and in the new "Student Hotel" location on holidays.
- 8.** Quick connections to reach the center of Florence over the educational sites and agreements with hotels, restaurants and with "Firenze Card".
- 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).

Second Level Master in

Bronchoscopy and Interventional Pneumology

2019/2020

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 Pneumology specialist to acquire theoretical and practical skills in Interventional Pneumology 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 11th Master in Interventional Pneumology follows the positive experience of the 10 previous editions which saw the participation of numerous specialists from all over the national territory. Since 2010, 180 physicians have been receiving a Master's degree in Interventional Pneumology: 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 Pneumology, 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 dummies simulators, "real time" 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 Pneumology Programs (AIPPD) for the standardization of interventional Pneumology scholarships based on the reports of the American Body 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 diary, on passing an MCQ (multiple choice questionnaire), on the preparation of one paper (review and / or experimental study), on passing validated questionnaires on practical skills (B-STAT, EBUS-STAT, ENB-OCAT, UGSTAT).

Official text: AA. VV. Monography on competence in Interventional Pulmonology - Ed. Panminerva 2019 Torino September; 61 (3). English and Italian Ed

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

Basic skills

- 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 Pneumology in Health Governance

The Master in Bronchoscopy and Interventional pulmonology (MABIP) is a comprehensive 1-year University 2nd-level course in Interventional Pulmonology during which the trainee is expected to collect 63 University credits (CFU) over a period of about 10 months: The aim of this Master is to provide a structured training in Interventional Pulmonology, dovetailing it to international standards.

This Master (<http://master.pneumologia-interventistica.it>) offers the students the core knowledge and skills needed by the Pulmonologist in order to achieve the full professional competence. As the numbers of procedures required to achieve competence is beyond the possibility of a single centre, a perfect integration and cooperation between Hospital and University Centres trains professional Interventional Pulmonologists in a more structured and effective manner. Certified Hospital Centers have the knowledge base, skills, attitudes, cases and series of patients, while University Centers have the teaching approach, the attitude to research and the institutional task.

Teaching methodologies:

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

The course will be provided in Italian and English language by e-learning platform

Starting of the lesson: 24 th of February, 2020.

Scheduled Program: 5 Modules of 5 days, 3 weeks of internship

Handbook: Monography on Competence in Interventional Pulmonology – Ed. Minerva 9/2019

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

Phone: +39 055 2758310, +39 340 6713445 fax +39 055 2758311

**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 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: <ul style="list-style-type: none"> o 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 o Foreign bodies o Vocal cord disorders o Airway complications following airway surgery/lung transplant to include anastomotic strictures/granulation o Airway stent-associated granulation tissue o Extrinsic compression from, for example, goitre, mediastinal cyst, lymphadenopathy • Pathophysiology and radiographic interpretation of central airway obstructions • 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 <ul style="list-style-type: none"> ◦ Pathophysiology, classification, imaging and treatment of severe COPD ◦ Indications for the endoscopic treatment of emphysema • Asthma <ul style="list-style-type: none"> ◦ 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)

Part B: Skills in diagnostic and operative procedures

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 parenchymal opacities, of airway invasion vs compression, and to guide biopsy: fluoroscopy, electromagnetic pulmonary navigation, EBUS-radial probe and cryobiopsy.
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:

	<p>Laser, Argon plasma coagulation, Electrocautery, Cryotherapy</p> <ul style="list-style-type: none"> • 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
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

2009-2019: 10 Anni di Master



11/11/2019: celebrato il 10° Anniversario del Master



Short program
 Second Level Master in
Bronchoscopy and Interventional Pneumology
 2019/2020

Schema Generale

	Sessioni	Workshop
1' sessione: 24 – 28 Febbraio	Basic bronchoscopy Week	
2' sessione: 28 Marzo –1 Aprile	Endosonography and pulmonary navigation Week - Diagnosis and staging lung tumour.	Workshop 1: 27 Marzo Update sul tumore del polmone: approccio multidisciplinare. Ruolo della broncoscopia nella diagnosi cito-istologica e stadiazione del tumore del polmone
3' Sessione: 8 – 12 Maggio	Pleural week-end Operative bronchoscopy Week	Workshop 2: 8-9 Maggio Ecografia toracica e procedure Pleuriche
4' sessione: 25 – 29 Maggio	Simulation Week and Endoscopic treatment of asthma and emphysema	Workshop 3: 29 Maggio Trattamento integrato dell'asma e BPCO gravi
5' sessione: 15 – 19 Giugno	Bronchoscopy in Emergency, anestesia and UTI. Pediatric bronchoscopy Diffuse and Infectious Lung Diseases	Workshop 4: 19 Giugno Interstiziopatie polmonari
Giugno- Novembre	Stage presso centri Convenzionati	
12 Ottobre	Practical evaluation test on dummy Multiple Choice Questions Test (MCQ)	
9 Novembre	Final script discussion	

II^A Session: Diagnosis and staging lung tumour - Endosonography and pulmonary navigation week

Workshop no. 1: Diagnosis, staging and treatment of NSCLC – Endosonography and navigation System

March 27th Fri: Student Hotel

14.00 -19.00 (Archimedes and TPBA, EMN and Cone bean, Navigation system for Thermoablation, radial EBUS)

Hands-on practice

March 28th Sat: Student Hotel

09.00 – 01.30 Case based discussion, Flipped Classroom and Hands-on practice with high fidelity Symbionix Express and EBUS low fidelity- EBUS-STAT

Merch 29th Sun: Student Hotel

09.00 - 14.30 Case based discussion, Flipped Classroom and Hands-on practice with high fidelity Symbionix Express and EBUS low fidelity- EBUS-STAT

March 30th, Mon Training center

08.00 – 17.30 Live session – Hands-on Practice and assessment

Video Conference Sedation and Anesthesia in Flexible and Rigid Bronchoscopy

In connection with: Bologna, Roma, Firenze, Genova, Reggio Emilia, Palermo, Venezia- Mestre, Torino, Napoli

March 31st, Thu Training center

08.30 – 18.00 Live session – Hands-on Practice – Technological Corner

III[^] Session: Pleural Week-End

Workshop no. 2: Thoracic Echography and Pleural Procedures

EABIP – MASTER Joint meeting

May 8th-9th, Fri + Sat: Centro congress

09.00– 18.30 Thoracic Echography and Pleural Procedures

May 10th, Sun Student hotel

9.00 – 13.00 Flipped classroom e Case based Discussion – Journal Club:

Operative bronchoscopy Week – Lectures on Rigid bronchoscopy and ablative treatments in benign and malignant lesions

May 11th, Mon Training center

08.00 – 18.00 Live session – Hands-on Practice – Technological Corner

May 12th, Thu Training Center

08.00 – 17.30 Live session – Hands-on Practice – Technological Corner
Health technology assessment

IV[^] SESSION: Simulation Week and Endoscopic treatment of asthma and COPD

May 25th, Mon Training center

08.00 – 18.30 Live session – Hands-on Practice – Technological Corner
Health Technology Assessment

May 26th, Tue Training center

08.00 – 18.00 Live session – Hands-on Practice – Technological Corner

May 27th, Wed Training Center

08.00 – 08.30 Live session – Hands-on Practice – Technological Corner

May 28th, Thu Training Center

08.30 – 18.30 Live session – Hands-on Practice – Technological Corner

13.30 – 15.00 GOM Multidisciplinary Team (Gruppi di 3)

May 29th, Fri Student Hotel

14.00 – 19.00 **Workshop 3: Pharmacological and Endoscopic treatment of asthma and COPD**

May 30th, Sat Student Hotel

14.00 – 19.00 Intermediate evaluation of mandatory activities results
Case based discussion and simulation with devices for the treatment of asthma and emphysema

EABIP-Master Meeting

V SESSIONE Bronchoscopy in Emergency, Anesthesia and ICU.

Pediatric bronchoscopy - Diffuse and Infectious Lung Diseases

June 15th, Mon Training center

Coordinamento

09.00 - 17.00 Bronchoscopy in Emergency, anesthesia and UTI

June 16th, Tue Training center

08.00 – 18.00 Live session – Hands-on Practice – Technological Corner

Pediatric Bronchoscopy

June 17th, Wed Training Center

08.00 – 18.00 Live session – Hands-on Practice – Technological Corner
and Case based Discussion - Journal Club

June 18th, Thu Training Center

08.00 – 18.00 Live session – Hands-on Practice – Technological Corner

June 19th, Fri Aula Magna Ex Presidenza Careggi

09.00 – 10.00 Pulmonary Infections

13.30 – 18.30 Workshop 4: Interstitial Lung Diseases and cryobiopsy

June 20th, Sat Training Center

08.30 – 13.30 Script discussion and practical intermediate evaluation

EXAM SESSIONS AND FINAL EVALUATIONS

October 12th, 2020 Cubo IT Classroom

9.00 – 13.00 Pratical evaluation test on dummy

15.00 – 17.00 Multiple Choice Questions Test (MCQ)

November 9th, 2020 Aula Magna Ex Presidenza – Firenze

09.00 - 17.00 Final script discussion

Stage presso Centri Convenzionati e in fase di convenzionamento:

- Pneumologia dell'Ospedale Villa Scassi di Genova – Sampierdarena.
- Pneumologia dell'Ospedale Sant'Angelo di Mestre.
- Pneumologia dell'Ospedale San Camillo Forlanini di Roma
- A.O. Pneumologia degli Ospedali Riuniti Marche Nord– Pesaro.
- Policlinico Sant'Orsola Malpighi – Bologna.
- Azienda AUSL della Romagna
- Spedali Civili di Brescia. Policlinico Universitario Campus Bio-Medico di Roma.
- Ospedale V. Monaldi – Napoli.
- AOUC Ospedale Careggi – Firenze Azienda Usl Umbria 1.
- Azienda Ospedaliera-Universitaria di Modena

Faculty

Master Coordinator

Prof. Lorenzo Corbetta
Director of Advanced Training Program in
Interventional Pneumology
Azienda Ospedaliero-Universitaria di Careggi

Scientific Committee

Lorenzo Corbetta, Firenze
Raffaele De Gaudio, Firenze
Carlo Mereu, Pietra Ligure
Marco Patelli, Bologna
Luca Voltolini Firenze

PRACTICAL ACTIVITIES TUTORS (to be booked at [http:// master.pneumologia- interventistica.it](http://master.pneumologia-interventistica.it))

- M. Falchini - TC/FNA: Agoaspirato Transtoracico TC guidato Università degli Studi di Firenze.
- S. Maddau - ROSE –Istituto per lo Studio e la Prevenzione Oncologia ISPRO, Firenze
- M. Bartolucci, C. Moroni, E. Cavigli, A. Bindi - Imaging - SOD Radiodiagnostica 4, AOU Careggi, Firenze
- L. Voltolini Chirurgia toracica - S.O.D. Chirurgia Toracica, AOU Careggi, Firenze
- L. Sanmicheli – S.O.D. Subintensiva di medicina, AOC Careggi, Firenze
- M. Zanobetti - Ecografia Toracica S.O.D. Inquadramento Clinico Integrato e Percorsi Intraospedalieri delle Urgenze, AOU Careggi, Firenze
- M. Trigiani - Ecografia toracica e toracosopia S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- M. R. Biagini - EUS S.O.D. Gastroenterologia Clinica, AOU Careggi, Firenze
- L. Corbetta - Valvole S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- S. Romani - EBUS radiale S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- M. Innocenti- Criobiopsie S.O.D. Pneumologia Interventistica AOU Careggi, Firenze
- C. Bechi- Gestione Vie Aeree in anestesia e rianimazione 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.
- M. Chelazzi- 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

Secretariat

Segreteria Universitaria Master Polo Biomedico

N.I.C. (Nuovo Ingresso Careggi) - Didattica Pad. 3 - I floor
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Scientific secretariat

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IT Manager Dott. Lorenzo Picchiotti IT Manager Dott. Lorenzo Picchiotti

Master and Integrated Activities Teachers and Tutors.

M. Acquafresca (Firenze)
M. Bacci (Firenze)
E. Bargagli (Firenze)
E. Barisione (Genova)
M. Bartolucci (Firenze)
C. Bechi (Firenze)
M. R. Biagini (Firenze)
A. Bindi (Firenze)
G. Camiciottoli (Firenze)
A. Cancellieri (Bologna)
P. Candoli (Pesaro)
S. Cannistrà (Firenze)
P. Carlucci (Milano)
A. Castagna (Firenze)
E. Cavigli (Firenze)
L. Ceron (Venezia)
C. Chelazzi (Firenze)
A. C. Comel (Mantova)
C. Comin (Firenze)
L. Corbetta (Firenze)
G. Dal Piaz (Bologna)
N. Facciolongo (Reggio Emilia)
G. Failla (Palermo)
M. Falchini (Firenze)
L. Falsini (Arezzo)
R. Fanci (Firenze)
K. Ferrari (Firenze)
P. Foccoli (Brescia)
P. Fontanari (Firenze)
S. Fontani (Firenze)
A. Galano (Firenze)
T. Galasso (Marche Nord)
G. Galluccio (Roma)
K. Klooster
M. Innocenti (Firenze)
L. Lazzari Agli (Rimini)
F. Lavorini (Firenze)
V. Livi (Bologna)
C. Maddau (Firenze)
M. Majori (Parma)
G. Marchetti (Brescia)
G. Marciànò (Siena)
A. Marchioni (Modena)
F. Mazzoni (Firenze)
C. Mereu (Genova)
M. Micaglio (Firenze)
L. Michieletto (Venezia)
L. Mirabile (Firenze)
F. Montinaro (Firenze)
C. Moroni (Firenze)
L. Novelli (Firenze)
M. Occhipinti (Firenze)
S. Oliarca (Firenze)
S. Orsi (Firenze)
P.L. Paggiaro (Pisa)
L. Pandolfi (Firenze)
M. Patelli (Bologna)
F. Paternostro (Firenze)
A. Pesci (Monza)
F. Petrini (Chieti)
C. Piccioli (Firenze)
R. M. Piperio (Firenze)
M. Pistolesi (Firenze)
P.G. Rogasi (Firenze)
M. Romagnoli (Bologna)
S. Romani (Firenze)
E. Rosi (Firenze)
G. M. Rossolini (Firenze)
M. Salio (Genova)
L. Sammicheli (Firenze)
F. Savoia (Treviso)
S. Scarlata (Roma)
P. Serio (Firenze)
C. F. Simonassi (Genova)
P. Solidoro (Torino)
M. Squadrelli (Firenze)
L. Tarchi (Firenze)
A. Tofani (Firenze)
T. Toma (Londra)
M. Trigiani (Firenze)
R. Trisolini (Bologna)
S. Vannucchi (Firenze)
T. L. Voltolini (Firenze)
A. Zanforlin (Bolzano)
M. Zanobetti (Firenze)

General informations

Master's duration: The master has a duration of 9 months from February to November 2020.

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 in two installments:

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

Number of places

The maximum number of available places is 25. 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

SOD of Interventional Pneumology - AOC Careggi, pad 12C, Largo Brambilla 3 - 50134 Florence
Training Center, Viale Pieraccini 11 - 50134 Florence

Services & Accommodation

The places of the Master

Aula Magna Ex Presidenza Largo Brambilla 3, 50134 – Florence

Training Center Pad. 50 / B (Ex chapels in front of Monna Tessa) Viale Pieraccini, 11, 50134 Florence

SOD of Interventional Pneumology of Florence / Pad 12C, Largo Brambilla, 3 50134 Florence

The Student Hotel, Viale Spartaco Lavagnini, 70, 50129 Florence FI

Come arrivare

Auto

Dall'Autostrada A1: uscita Firenze Nord, proseguire in direzione Firenze fino al termine del tratto autostradale (Peretola) e quindi seguire le indicazioni per la zona ospedaliera di Careggi.

Dall'Autostrada A11: percorrerla tutta fino al termine del tratto autostradale (Peretola) e quindi seguire le indicazioni per la zona ospedaliera di Careggi.

Dal Raccordo Autostradale Firenze - Siena: percorrerlo tutto fino alla rotatoria del casello Firenze Certosa e imboccare a sinistra l'Autostrada A1 in direzione Bologna, quindi uscire al casello Firenze Nord.

Dalla S.G.C. FI-PI-LI (Strada di Grande Comunicazione Firenze Pisa Livorno): dopo l'uscita Scandicci, superare l'imbocco dell'A1, uscire in direzione Careggi e percorrere la rotatoria verso il Viadotto dell'Indiano e attraversarlo tutto. Al termine, al semaforo, andare a dritto e seguire le indicazioni per la zona ospedaliera di Careggi.

Tramvia

Dalla stazione ferroviaria di Firenze Santa Maria Novella: prendere la linea 2 in direzione Careggi. La tramvia entra in servizio alle 5 del mattino e finisce la sua corsa alle 00.30 della notte (Il Venerdì e Sabato il servizio si conclude alle 2 di notte). Per tutto il giorno c'è una corsa ogni 4 minuti e 20 secondi ma la frequenza varia a seconda di giorni e orari.

Bus urbano

La zona ospedaliera di Careggi è servita dalle seguenti linee urbane:

14 e dalla navetta R. Per informazioni su queste linee e su altri percorsi consultare direttamente il sito:

<http://www.ataf.net/>

Bus extraurbano

La zona ospedaliera di Careggi è servita da diverse linee extraurbane che la collegano con i comuni limitrofi. Per informazioni su queste linee e su altri percorsi consultare direttamente i siti <http://www.acvbus.it/> e <http://www.copitspa.it/>.

Taxi

Telefoni: 0554390 - 0554242. Per sms al 334.6622550: scrivi nel messaggio la via e il numero civico in cui ti trovi (o un riferimento conosciuto); riceverai conferma con un sms.

Treno

Dalla stazione ferroviaria di Firenze Santa Maria Novella: prendere il bus ATAF numero 14.

Dalla stazione di Firenze Rifredi: prendere il bus ATAF navetta R.

Per informazioni sugli orari dei treni consultare direttamente il sito delle Ferrovie dello Stato.

Aereo

Dall'aeroporto di "Firenze Peretola" (Amerigo Vespucci): L'aeroporto cittadino, che dista circa 6 Km dall'ospedale, è attivo il servizio della tramvia che collega l'aeroporto alla Stazione S.M.N.

Dall'aeroporto di Pisa Galileo Galilei: L'aeroporto pisano, che dista circa 90 Km dalla zona ospedaliera di Careggi, è collegato a Firenze per mezzo di treni e bus; è inoltre possibile l'autonoleggio, e in tal caso è consigliato l'itinerario via SGC FI-PI-LI.

Parcheggi

Durante i giorni del Master, è possibile usufruire del parcheggio "CONSORZIO PARCHEGGIO CAREGGI" in Viale Pieraccini con tariffa forfettaria giornaliera massima di € 3,00 al giorno dalle 6,00 alle 22,00.

Logistica

Ristoranti Convenzionati

Cubar (raccomandato per il pranzo)

Viale Pieraccini, 6 c/o Complesso Polivalente CUBO - 50134

Firenze (Dentro Careggi)

Tel: 055/4288323

Bar/Ristorante aperto fino alle 17.00

Bar "CO.D.A.S." (dentro Careggi)

Largo Brambilla, 3 c/o NIC - 50134 Firenze

Bar “CO.D.A.S.” (dentro Careggi)
Davanti alla Piastra dei Servizi (Pad. 15 AOU Careggi) Self-Service

Ristorante “La Briciola”
Viale Pieraccini, 12 - 50139 Firenze (Accanto a Careggi) Tel: 055/7964232

Bar/Ristorante aperto fino alle 17.00
Chiosco “Lampredottore” (davanti a Careggi)
L.go Brambilla - 50134 Firenze Aperto a pranzo

BAar “F.lli Romani S.R.L” (Davanti a Careggi)
L.go Brambilla - 50134 Firenze Tel: 055/4296045

Vineria e Gastronomia “La Prosciutteria” (Zona Santa Croce – Centro storico)
Via dei Neri, 54 - 50122 Firenze
Tel: 055/2654472
Web: www.laprosciutteria.com

Ristorante “La Bottega di Parigi” (Colline sopra Careggi – Raggiungibile in macchina)
Via Di Terzollina 3/r - 50139 Firenze
Tel: 055/0944388
Web: www.labottogadiparigi.com

Trattoria “ I 13 Gobbi” (Centro storico)
Via del Porcellana, 9R - Firenze
Tel: 055/284015
Web: www.casatrattoria.com

Trattoria Fiorenza (Zona Rifredi)
Via Reginaldo Giuliani, 51 - 50141 Firenze
Tel: 055/416903

Osteria “ Di Giovanni” (Centro storico)
Via Del Moro n. 22 – 50100 Firenze
Tel: 055/284897
Web: www.osteriadigiovanni.com

Trattoria “Lo Stracotto” (Zona San Lorenzo – Centro storico)
Piazza di Madonna degli Aldobrandini - 50123 Firenze
Tel: 055/2302062
Web: www.trattorialostracotto.it

Trattoria “All’antico ristoro di cambi” (Zona San Frediano – Centro storico Oltrarno)
Via S. Onofrio, 1R - 50123 Firenze
Tel: 055/217134
Web: www.anticoristorodicambi.it

Hotel

Casa Aurora (Consigliato). Si consiglia la prenotazione in largo Via del Pergolino 8 – 50139 Firenze
Tel: +39 055416262
Web: www.casaurora.it
Email: centro@casaurora.it
Camere dotate di bagno privato, telefono, TV, internet wi-fi. Parcheggio auto privato DUS: € 43,00

The Student Hotel
Viale Spartaco Lavagnini, 70
50129 Firenze FI
Web: www.thestudenthotel.com
Email: florence@thestudenthotel.com
Vicino alla tramvia a metà strada tra centro e AOU Careggi

Bed & Breakfast Rifredi
Via di Rifredi 10 – 50134 Firenze
Tel. 055 418043 - Cell. 3400045610
Web: www.bb-rifredi.it
Email: info@bb-rifredi.it

Residence Leopoldo
Via Fabbroni, 68 – 50134 Firenze
Tel. e Fax: 055 463 0819
Web: www.residenceleopoldo.it
Email: info@residenceleopoldo.it

Vicino alla tramvia tra centro città e AOU Careggi Residenza Marotta B&B
Via T. Alderotti, 89 – 50139 Firenze (Zona Careggi)
Tel: 055/0944200
Web: www.residenzamarotta.it
E-mail: info@residenzamarotta.it

Albergo Sonia*
Via D. del Garbo, 2 - 50147 Firenze (Zona Careggi)
Tel: 055 4360241
Fax: 055 4286126
Web: www.albergosonia.com
E-mail: info@albergosonia.com
Camere dotate di bagno privato, tv, aria condizionata, telefono, internet wifi.

Hotel Raffaello *****
Viale Morgagni, 19 - 50134 Firenze (Zona Careggi)
Tel: 055 4224141
Web: www.raffaellohotel.it
E-mail: info@raffaellohotel.it
Camere dotate di bagno privato, tv, aria condizionata, telefono, internet wifi. Ristorante, bar, servizio in camera, navetta gratuita per il centro storico. Garage gratuito fino ad esaurimento dei posti.

Hotel Loggia dei serviti ***
Piazza SS. Annunziata, 3 - 50100 Firenze (Zona Centrale/Duomo)
Tel: 055 289592 Fax 055 289595
Web: www.loggiatodeiservitihotel.it
E-mail: info@loggiatodeiservitihotel.it
Camere dotate di bagno privato, internet wifi, tv sat, telefono, frigobar, cassaforte e aria condizionata.

Hotel Embassy *****
Via Iacopo da Diacceto, 8 - 50123 Firenze (Zona Stazione SMN)
Tel: 055 219316
Fax: 055 2382266
Web: www.embassyhotel.it
E-mail: booking@embassyhotel.it
Camere dotate di bagno privato, internet wifi, tv sat, telefono, frigobar, cassaforte e aria condizionata. Parcheggio interno.

Hotel Garibaldi Blu
Piazza Santa Maria Novella 21
Tel: +39 055 27184555 - Fax: +39 055 27184177
Web: www.hotelgaribaldiblu.com
E-mail: info@hotelgaribaldiblu.com

Hotel Rosso 23
Piazza Santa Maria Novella 23, 50123 Firenze, Italia
Tel: +39 055 277 300
Fax: +39 055 277 30199
Web: www.hotelrosso23.com
E-mail: info@hotelrosso23.it

Hotel Universo
Piazza Santa Maria Novella 20
50123 Firenze, Italia
Tel: +39 055 055 29 38 90
Fax: +39 055 29 38 91 99
Web: www.hoteluniversoflorence.com
E-mail: info@hoteluniversoflorence.com

Card Florence Convention Bureau



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