

CURRICULUM VITAE

ALESSIO MATTESINI, MD

Personal Information

Full name: Alessio Mattesini
Home address:
Telephone Number:
E-mail:
Google Scholar
Date of birth:
Nationality:

Education

University Master I level Percutaneous interventional treatment of structural heart diseases, Scuola Superiore Sant' Anna , Pisa, 2016/2017, one year course

Cardiology Board certification University of Florence, 25 June 2014, 70/70 cum laude

Medical doctor degree University of Florence, 30 September 2008, 110/100

Training, work and scientific experience

From 19 December 2016	Consultant with a permanent position in interventional cardiology at the "Careggi University Hospital" Florence, Italy, Structural Interventional Unit, head of the unit Prof Carlo Di Mario . His activity is mainly focused on coronary intervention with a special interest on complex coronary intervention (CTO, LM), intravascular imaging and acute coronary syndromes. He is in the 24h rota for treatment of STEMI patients with primary-PCI. He is also regularly involved in the structural interventional performing PFO occlusion as a first operator, TAVR and LAAO as a second operator and first operator under supervision.
July 2015 – November 2016	Consultant with a permanent position in interventional cardiology at the "Moriggia Pelascini Hospital, Gravedona, Como, Italy". His activity was mainly focused on cath-lab diagnostic and interventional procedures and he was on the 24h rota for the treatment of STEMI with primary-PCI.
October 2014-June 2016	Senior clinical and research fellow with an academic grant at the University of Florence in interventional cardiology, Careggi Hospital, Florence, Italy.
June 2014-June 2015	Work as a Cardiologist at the "Presidio riabilitazione cardiologica Anna Maria Torrigiani" , Via della Camerata 10, Florence.
June 2012 – February 2013	Registrar: Interventional Cardiology Unit, Careggi Hospital (Head: Prof GF Gensini), University of Florence

and December 2013 – June 2014	<i>Interventional skills:</i> trained to perform coronary angiographies, peripheral angiographies, diagnostic right heart catheterizations and simple PCIs with either femoral or radial approach (more than 500 angiograms and 100 PCI as a first operator). Participated as a second operator to more than 1000 PCIs both primary and elective.
March 2013 March 2014	Honorary Clinical and Research Fellow in Interventional Cardiology at the Royal Brompton Hospital, London, UK under Professor Carlo Di Mario’s supervision. <u>Particular focus on:</u> complex coronary PCI including CTO retrograde recanalization, intravascular imaging with OCT and IVUS, functional coronary stenosis evaluation with iFR and FFR, PCI with Biodegradable Vascular Scaffold. <u>Participated on international congresses as presenter of:</u> “Successful percutaneous revascularisation of totally occluded left subclavian artery realising coronary: subclavian steal syndrome.” at EuroPCR 2013, Paris. “Platelet inhibition after a loading dose of three different antiplatelet drugs in patients with STEMI/NSTEMI: Comparison between a loading dose of Prasugrel, Ticagrelor and Clopidogrel. PraTiClo LD Study.” TCT 2013, San Francisco. <u>Participated as an investigator in multi center clinical trials and registries:</u> “Observational Study of Optical Coherence Tomography (OCT) in Patients Undergoing Fractional Flow Reserve (FFR) and Percutaneous Coronary Intervention (ILUMIEN I).” NCT01663896 “GHOST-EU (Gauging coronary Healing with biOresorbableScaffolding plaTforms – a EUropean multicenter Registry).”
June 2011– June 2012	Registrar: Intensive Cardiac Care Unit (Head: Dr S Valente), Careggi Hospital, Florence. Trained in the management of complex acute patients often requiring assistance with multiple devices such as IABP, CRRT, ECMO, etc.
July 2010- May 2011	Registrar: Cardiac Surgery Step Down Unit (Head: Prof C Rostagno) and EchoLab, Careggi Hospital, Florence.
June 2009- June 2010	Registrar: Department of cardiology and heart surgery, Careggi Hospital, University of Florence, Italy.

License To Practice	
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March 2009	Full registration with a license to practice at the “Ordine Dei Medici, Provincia di Arezzo”, registration number:2757
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Language skills	
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Italian	Mother tongue
English	Upper Intermediate Level (C1) Spoken: excellent Written: excellent

French | Intermediate level (B1)
Spoken: good
Written: scholastic

Main Research Topics

- Coronary Intravascular Imaging with OCT and IVUS.
- PCI with implant of Biodegradable Vascular Scaffold.
- Primary PCI for high risk STEMI patients.

Statistics skills

- SPSS statistics software for basic medical statistics.

Awards

- May 2015** | Abstract titled: '*ABSORB versus DESolve: an OCT study comparison of the acute mechanical performances*' selected among the 24 best graded abstracts submitted for EuroPCR 2015 (out of 1183 submissions) to be presented in the section PCR's got talent.
- October 2013** | Best interventional cardiology oral communication at the Italian Interventional Cardiology Conference (GISE 2013) with the abstract titled "*Do Biodegradable ABSORB Stents Offer the Same Acute Results of Second Generation Metallic Stents in Complex Lesions? Insight from 100 Matched OCT Studies*". Mattesini A et al. Manuscript in press at *JACC Cardiovascular Intervention*
- May 2014** | Best young cardiology oral communication at the Italian Cardiology Conference (ANMCO 2014) with the abstract titled "*Prospectively electrocardiogram-triggered high-pitch spiral acquisition Coronary Computed Tomography Angiography for assessment of Biodegradable Vascular Scaffold expansion: comparison with Optical Coherence Tomography*". Mattesini et al. Manuscript in press at *Cardiovascular Revascularization Medicine*.

Scientific publications and involvement in scientific society, conferences

- Author and co-author of more than sixty scientific article indexed in Pubmed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=mattesini+a>
- Chair of the GISE young committee (2018-2020)
- Member of the national cardiology society ANMCO
- Since 2013 he has been invited as a member of the faculty of the GISE national conference as a relator
- Since 2017 he has been invited as a member of the faculty of the SIC national conference as a relator
- In 2018, 2019 and 2020 he has been invited as a relator to the Master Universitario II Livello in *Trattamento Percutaneo Della Malattia Coronarica*, Università degli Studi Sant'Anna, Pisa.

Alessio Mattesini, 1/9/2020