



FEDERICO DE MARCO

Date of Birth: February 15th, 1975

Nationality: Italian

Professional career

October 2015 – now

Head of Structural Heart Disease Intervention Unit, IRCCS Policlinico San Donato, Milan, Italy
Senior staff Interventional Cardiologist

August 2007 – June 2015

Senior staff Interventional Cardiologist, Ospedale Niguarda Ca' Granda, Milan, Italy

Education

2005 – 2007

Clinical and research fellowship in Interventional Cardiology, Institut Cardiovasculaire Paris Sud, Massy, France. Under supervision of prof. Marie Claude Morice and Thierry Lefèvre

2008

PhD graduation in Cardiovascular Pathophysiology, Milan University (highest marks)

2005

Cardiology degree, Milan University (highest marks)

2001

Medical degree, Milan University (highest marks)

Professional skills

TAVI

Experience with multiple devices since 2008; intense teamwork experience with surgeons of the heart team for TAVI program management, case planning and treatment

Transcatheter Mitral and Tricuspid Valve Repair/Replacement

Experience with Mitraclip and Pascal, TriClip, Mitral and Tricuspid Valve in Valve and Valve in Ring
Experience with Transcatheter Mitral Valve Replacement within Clinical Trials

Other Structural Heart Disease Interventions

Experience in PFO and ASD closure with multiple devices
Left Atrial Appendage Occlusion with multiple devices
Paravalvular Leak Closure
Alcohol Septal Ablation

Complex Coronary Angioplasty

Extensive use above 90% of radial access since 2005, including complex bifurcation treatment, CTOs, IVUS guidance and coronary physiology, Rotablator, intravascular lithotripsy and laser use

Other Interventions

Extensive routine use of standard and radiological catheterization procedures and interventions (endomyocardial biopsy, right heart catheterization, pericardial drainage, echo-guided central venous catheterization, foreign body endovascular retrieval, coil and plug embolization, PTA of peripheral arteries)
Experience with Heart Support Devices (ECMO, Impella)
Experience with Coronary Sinus Reducer for refractory angina

Scientific Society Membership

- GISE – member of the Scientific Board (since 2017)
- EAPCI

H-Index 29 (Scopus, June 2021)

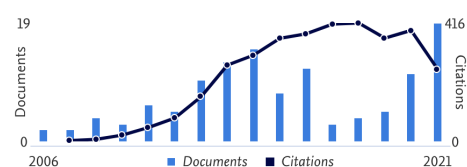
Metrics overview

122
Documents by author

3467
Citations by 2699 documents

29
h-index:

Document & citation trends



Most contributed Topics 2016–2020

Transcatheter Aortic Valve Implantation; Bioprosthesis; Aortic Stenosis
[17 documents](#)

Mitral Valve Regurgitation; Leaflet; Tricuspid Valve Disease
[2 documents](#)

Patent Foramen Ovale; Paradoxical Embolism; Transesophageal Echocardiography
[2 documents](#)

Scientific activity

Over 150 peer reviewed publications, book chapters and invited reviews authored and co-authored

Investigator and co-investigator in >20 clinical studies in the last 4 years, including pre-CE mark and IDE device trials

Congress activity

Since 2013, invited as speaker in international congresses and meetings on multiple topics (EuroPCR, PCR London Valves, TCT, CSI, EACTS)

Invited as guest operator for live cases at international congresses: PCR London Valves 2013; CSI 2014, 2017, 2021 Frankfurt; EuroPCR 2017; GISE 2014, 2016, 2019, 2020 Italy

Cooperation with Industry

Consultant for:

Abbott, Edwards, Medtronic, Boston Scientific, Heartstitch, ICS Innovative Cardiovascular Solutions (Scientific Board Member), Cardiac Booster (Scientific Board Member), K2Medical, Transseptalsolutions, Squadra Lifesciences (Scientific Board Member), TT3A (Cofounder), Silara Medtech, Xeltis

Proctor for:

TAVI procedures – Abbott, Boston Scientific, Meril

Transcatheter Mitral Valve Repair – Pascal, Edwards

Left Atrial Appendage Occlusion – Amulet, Abbott; Watchman, Boston Scientific

Patent Foramen Occlusion – Noblestitch, Heartstitch; Amplatzer, Abbott; GSO, Gore

Training courses on multiple topics for:

Medtronic, Edwards, Abbott, Boston Scientific, Heartstitch, Kardia