

PERSONAL INFORMATION

Luigi Flavio Massimiliano Di Martino

 Viale della Repubblica, 66, 70017 Putignano (BA) (Italy)

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Sex Male | Date of birth 04/07/1984 | Nationality Italian

WORK EXPERIENCE

10/2014–Present

Cardiologist

Ospedale Santa Maria degli Angeli, Putignano (Italy)

- Coronary care unit management
- Diagnostics: transthoracic, transesophageal, stress echocardiography (with 3D and strain imaging), vascular ultrasound, transcranial doppler, tilt table testing
- Limited experience in cardiac stimulation

07/2014–09/2014

Cardiologist

Ospedale Ignazio Veris Delli Ponti, Scorrano (Italy)

- Coronary care unit management
- Diagnostics: Transthoracic echocardiography, vascular ultrasound

07/2009–07/2014

Cardiology School of Specialization

Cardiologia Universitaria c/o Ospedali Riuniti, Foggia

- Coronary care unit management
- Diagnostics: transthoracic, transesophageal, stress echocardiography (with 3D and strain imaging), vascular ultrasound, transcranial doppler, tilt table testing

04/2013–10/2013

Lifelong Learning Programme

Erasmus Medical Center, Rotterdam (Netherlands)

Experience in imaging in the setting of:

- Transcatheter Aortic Valve Implantation
- Adult congenital heart diseases

EDUCATION AND TRAINING

02/2017

Certificate of competence in Syncope Management

Italian Multidisciplinary Group for the Study of Syncope (GIMSI)

12/2016

Certificate of Competence in BLS

American Heart Association (AHA)

11/2015

Certificate of Competence in ALS

European Resuscitation Council (ERC)

11/2014

Certificate of Competence in Adult Transthoracic Echocardiography

European Association of Cardiovascular Imaging (EACVI)

- 03/07/2014 **Cardiology specialization**
 Università degli Studi di Foggia, Foggia (Italy)
 Thesis title: "Prediction of Paravalvular Regurgitation after Transcatheter Aortic Valve Implantation".
 Supervisor: Prof. M. Di Biase
 50/50 cum laude
- 10/2012 **Certificate of Competence in General Echocardiography**
 Italian Society of Cardiovascular Echocardiography (SIEC)
- 03/2009 **Enrolled in the Medical National Register**
 University of Foggia, Foggia (Italy)
- 09/2002–07/2008 **Medical Degree**
 University of Foggia, Foggia (Italy)
 Thesis title: "Clinical follow-up of patients who underwent transcatheter ablation by simplified procedure".
 Supervisor: Prof M.Di Biase
 110/110 cum laude
- 04/2007 **Competence in BLS/D**
 Italian Resuscitation Council (IRC)
- 07/2002 **Secondary School Leaving Certificate**
 "E. Laterza" Classical Lyceum, Putignano (BA) (Italy)
- 05/2002 **European Computer Driving License**
 AICA - Associazione Italiana per l'Informatica ed il Calcolo Automatico

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
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Digital competences - Self-assessment grid

- Good knowledge of the commonly used office suites and graphic design applications
- Intermediate knowledge of dedicated statistic applications (mainly SPSS)
- Intermediate programming knowledge (Visual Basic, HTML, Java)

Driving licence B

ADDITIONAL INFORMATION

Scientific Production

- L.F.M. Di Martino, O.I.I. Soliman, L. van Gils, W.B. Vletter, N.M. Van Mieghem, B. Ren, T.W. Galema, C. Schultz, P.T. de Jaegere, M. Di Biase, M. Geleijnse. "**Relation between Calcium Burden, Echocardiographic Stent Frame Eccentricity and Paravalvular Leakage after Corevalve Transcatheter Aortic Valve Implantation.**" European Heart Journal Cardiovascular Imaging, March 27, 2017.
- P.L. Pellegrino, M. Grimaldi, L.F.M. Di Martino, M. Caivano, F. Santoro, L. Di Biase, M. Di Biase, and N. D. Brunetti. "**Long-Term Safety and Efficacy of Supraventricular Tachycardia Ablation with a Simplified Approach.**" Acta Cardiologica 71, no. 6 (2016): 724–29.
- L.F.M. Di Martino, F. Santoro, M.A.P. Ciliberti, F. Cipriani, A.C. Rinaldi, N. Tarantino, F. Guastafierro, G. Cibelli, M. Di Biase, and N.D. Brunetti. "**Predictive Value of Very Low Frequency at Spectral Analysis among Patients with Unexplained Syncope Undergoing Head up Tilt Testing,**" presented at the National Congress of the Italian Society of Cardiology, 2016.
- F. Guastafierro, N. Tarantino, F. Santoro, L.F.M. Di Martino, R. Ieva, A. Ruggiero, A. Cuculo, A. Centola, M. Di Biase, and N.D. Brunetti. "**Complicanze Acute Nella Cardiomiopatia Di TakoTsubo: Dati Preliminari Del Registro Multicentrico Pugliese,**" presented at the National Congress of the Italian Society of Cardiology, 2016.
- N. Tarantino, F. Santoro, F. Guastafierro, L.F.M. Di Martino, P.L. Pellegrino, R. Ieva, A. Centola, A. Ruggiero, M. Di Biase, and N.D. Brunetti. "**Persistente Sopraslivellamento Del Tratto ST Durante La Fase Acuta Nella Cardiomiopatia Tako-Tsubo: A Case Series,**" presented at the National Congress of the Italian Society of Cardiology, 2016.
- F. Santoro, N. Tarantino, A. Ferraretti, R. Ieva, F. Musaico, F. Guastafierro, L. D. Martino, M. D. Biase, and N. D. Brunetti, "**Serum interleukin 6 and 10 levels in Takotsubo cardiomyopathy: Increased admission levels may predict adverse events at follow-up,**" Atherosclerosis, vol. 0, no. 0, Sep. 2016.
- M. L. Geleijnse, L. F. M. Di Martino, W. B. Vletter, B. Ren, T. W. Galema, N. M. Van Mieghem, P. P. T. de Jaegere, and O. I. I. Soliman, "**Limitations and difficulties of echocardiographic short-axis assessment of paravalvular leakage after corevalve transcatheter aortic valve implantation,**" Cardiovascular Ultrasound, vol. 14, p. 37, 2016.
- R. Rodríguez-Olivares, L. van Gils, N. El Faquir, Z. Rahhab, L. F. M. Di Martino, S. van Weenen, J. de Vries, T. W. Galema, M. L. Geleijnse, R. P. J. Budde, E. Boersma, P. P. de Jaegere, and N. M. Van Mieghem, "**Importance of the left ventricular outflow tract in the need for pacemaker implantation after transcatheter aortic valve replacement,**" Int. J. Cardiol., vol. 216, pp. 9–15, Apr. 2016.
- F. Santoro, R. Ieva, A. Ferraretti, M. Fanelli, F. Musaico, N. Tarantino, L. Di Martino, L. De Gennaro, P. Caldarola, M. Di Biase, and N. D. Brunetti, "**Hemodynamic effects, safety and feasibility of intravenous esmolol infusion during Takotsubo cardiomyopathy with left ventricular outflow tract obstruction: Results from a multicenter registry,**" Cardiovasc Ther, Mar. 2016. doi:10.1111/1755-5922.12182.
- L.F.M. Di Martino, W.B. Vletter, B. Ren, C. Schultz, N.M. Van Mieghem, O.I.I. Soliman, M. Di Biase, P.P. de Jaegere, M.L. Geleijnse, "**Prediction of paravalvular leakage after transcatheter aortic valve implantation,**" Int J Cardiovasc Imaging. 2015; 31(7): 1461–1468.
- F. Santoro, D. Gianfrancesco, G. De Luca, R. Stanzione, L. Di Martino, M. Di Biase, and N. D. Brunetti, "**Takotsubo cardiomyopathy in a young woman with coronary hypoplasia detected at CT-scan,**" Int. J. Cardiol., vol. 184C, pp. 278–279, Feb. 2015.

- F. Santoro, R. Ieva, L. F. M. Di Martino, F. Musaico, M. Scarcia, A. Ferraretti, M. Di Biase, and N. D. Brunetti, "**Incomplete leaflet coaptation and tricuspid regurgitation mechanism in right ventricular Tako-Tsubo cardiomyopathy**," *Int. J. Cardiol.*, Oct. 2014.
- F. Santoro, A. Ferraretti, F. Musaico, L. Di Martino, R. Ieva, M. Di Biase, and N. D. Brunetti, "**Increased levels of Carbohydrate-Antigen-125 at admission predicts hospital stay and incidence of adverse events in stress cardiomyopathy**," presented at the Congress of the European Society of Cardiology, 2014.
- F. Santoro, F. Musaico, L. F. M. Di Martino, A. Ferraretti, N. Tarantino, A. Totaro, M. Correale, R. Ieva, N. D. Brunetti, and M. Di Biase, "**Valutazione funzionale mediante Doppler tissutale (TDI) in soggetti con cardiomiopatia Tako-Tsubo dopo recupero funzionale**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- F. Santoro, F. Musaico, L. F. M. Di Martino, A. Ferraretti, M. Scarcia, G. D'Arienzo, P. L. Pellegrino, R. Ieva, N. D. Brunetti, and M. Di Biase, "**Area di tenting e distanza di coaptazione dei lembi mitralici in soggetti con cardiomiopatia Tako-Tsubo**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- F. Santoro, R. Ieva, A. Ferraretti, F. Musaico, L. F. M. Di Martino, G. Triggiani, A. Centola, N. D. Brunetti, and M. Di Biase, "**I livelli sierici della creatinina predicono la durata dell'ospedalizzazione e gli eventi avversi al follow-up in pazienti con cardiomiopatia Tako-Tsubo**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- F. Santoro, A. Ferraretti, F. Musaico, L. F. M. Di Martino, N. Tarantino, M. Fanelli, R. Ieva, N. D. Brunetti, and M. Di Biase, "**I livelli sierici dell'antigene CA-125 all'ingresso predicono la durata dell'ospedalizzazione e gli eventi avversi al follow-up in pazienti con cardiomiopatia Tako-Tsubo**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- P. L. Pellegrino, M. Grimaldi, L. F. M. Di Martino, F. Santoro, M. Caivano, G. M. Ciavarella, N. D. Brunetti, and M. Di Biase, "**Efficacia e sicurezza a lungo termine dell'ablazione mediante radiofrequenze di tachicardie sopraventricolari con approccio semplificato**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- F. Musaico, F. Santoro, L. F. M. Di Martino, N. Tarantino, G. D'Arienzo, A. Centola, P. L. Pellegrino, R. Ieva, N. D. Brunetti, and M. Di Biase, "**Valutazione dell'atrio sinistro nei pazienti con cardiomiopatia Tako-Tsubo dopo completo recupero funzionale**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- L. F. M. Di Martino, W. Vletter, B. Ren, N. Van Mieghem, P. De Jagere, O. I. I. Soliman, N. D. Brunetti, M. Di Biase, and M. L. Geleijnse, "**L'evoluzione dei criteri VARC-2: valutazione del rigurgito paravalvolare dopo impianto di CoreValve usando immagini ecocardiografiche in asse corto derivate da volumi tridimensionali**," presented at the National Congress of the Italian Society of Cardiology, 2014.
- L. Di Martino, M. Correale, D. Cocco, M. Di Biase, and N. D. Brunetti, "**Bicuspid aortic valve and lusory artery: an unusual association**," *Intern Emerg Med*, vol. 8, no. 6, pp. 539–540, Sep. 2013.
- M. Correale, D. Montrone, L. Di Martino, M. Di Biase, and N. D. Brunetti, "**Intermittent vertebral flow in asymptomatic progression of aortic dissection**," *Monaldi Arch Chest Dis*, vol. 80, no. 3, p. 140, Sep. 2013.
- A. Totaro, M. Correale, T. Passero, A. Ferraretti, F. Musaico, F. De Rosa, L. F. M. D. Di Martino, M. Concilio, G. Acanfora, N. D. Brunetti, and M. Di Biase, "**Acceleration time during isovolumic relaxation predicts the occurrence of re-hospitalization in chronic heart failure**," presented at the National Congress of the Italian Society of Cardiology, 2013.
- M. Correale, N. D. Brunetti, A. Totaro, A. Ferraretti, T. Passero, F. De Rosa, F. Musaico, G. Salvemini, L. Di Martino, and M. Di Biase, "**Peak myocardial acceleration during isovolumic relaxation time predicts the occurrence of re-hospitalization in chronic heart failure: data from the daunia heart failure registry**," presented at the ESC Congress 2013, 2013.
- N. D. Brunetti, R. Ieva, M. Correale, L. Di Martino, L. D. Gennaro, and M. Di Biase, "**Left ventricular rupture in an anterior wall acute myocardial infarction with severe intra-ventricular gradient**," *J Thromb Thrombolysis*, vol. 33, no. 2, pp. 206–208, Feb. 2012.
- M. Correale, L. Di Martino, R. Ieva, M. D. Biase, and N. D. Brunetti, "**Aortic dissection after cocaine abuse**," *Clin Res Cardiol*, vol. 100, no. 12, pp. 1129–1130, Dec. 2011.
- M. Correale, D. Montrone, N. D. Brunetti, C. Greco, A. Totaro, A. R. Russo, F. Musaico, G. Merolla, L. Di Martino, F. De Rosa, M. Caivano, and M. Di Biase, "**Neoplastic markers, cytokines and BNP in non-ischemic dilated cardiomyopathy**," presented at the National Congress of the Italian Society of Cardiology, 2011.

- M. Correale, M. Caivano, A. Totaro, A. R. Russo, A. M. Fanigliulo, L. Di Martino, R. Ieva, and M. Di Biase, "**Il Doppler Tissutale nella pratica clinica**," *It. J. Practice cardiol.*, pp. 27–38, Apr. 2010.
- M. Correale, A. Totaro, A. M. Fanigliulo, A. R. Russo, D. Gianfrancesco, M. Caivano, L. F. M. Di Martino, A. Lopizzo, A. Libertazzi, R. Ieva, N. D. Brunetti, and M. Di Biase, "**Time intervals and myocardial performance index by Tissue Doppler Imaging in chronic heart failure with sustained ventricular tachycardia**," presented at the National Congress of the Italian Society of Cardiology, 2010.
- M. Correale, A. Totaro, A. M. Fanigliulo, D. Gianfrancesco, M. Caivano, L. F. M. Di Martino, A. Lopizzo, A. Libertazzi, R. Ieva, N. D. Brunetti, and M. Di Biase, "**Time intervals and myocardial performance index by Tissue Doppler Imaging in chronic heart failure with sustained ventricular tachycardia**," presented at the National Congress of the Italian Society of Cardiology, 2010.
- M. Correale, M. Caivano, A. M. Fanigliulo, A. Totaro, A. R. Russo, L. F. M. Di Martino, G. Acanfora, A. Libertazzi, N. D. Brunetti, R. Ieva, and M. D. Biase, "**The impact of atorvastatin on the cardiopulmonary exercise test response in chronic heart failure**," presented at the National Congress of the Italian Society of Cardiology, 2010.
- M. Correale, N. D. Brunetti, M. Caivano, G. Acanfora, A. M. Fanigliulo, L. Di Martino, A. R. Russo, A. Libertazzi, R. Ieva, and M. Di Biase, "**The effect of high-dose of atorvastatin on the left ventricular function and exercise capacity in patients with chronic heart failure**," in *European Heart Journal*, 2010, vol. 31, pp. 392–393.

Speaker at congresses

- SIEC (Società Italiana Ecografia Cardiovascolare) Congress, Macroarea Sud, 2014
 - "**Tessuto valvolare mitralico accessorio: approccio ecocardiografico globale**"
- SIEC (Società Italiana Ecografia Cardiovascolare) National Congress, 2015
 - "**Beyond VARC-2 criteria: assessment of paravalvular regurgitation after CoreValve implantation using a transthoracic three-dimensional derived short axis stent view**"
- Cuore Matto (Bari), 2016
 - "**Una fibrillazione atriale allo specchio**".

Memberships

- Member of the **Italian Society of Cardiology (SIC)**
 - 2009 - Present
- Member of the **European Society of Cardiology (ESC)**
 - 2010 - Present
- Member of the **Italian Society of Cardiovascular Ecocardiography (SIEC)**
 - 2012 - Present
- Member of the **European Association of CardioVascular Imaging (EACVI)**
 - 2013 - Present