

## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Alessio La Manna**  
 Address(es) via Ala 35  
 I-95123 Catania (Italy)  
 Mobile +39 3382710460  
 E-mail(s) lamanna.cardio@gmail.com  
 Nationality Italian  
 Date of birth 21 January 1973  
 Gender Male



### Work experience

Dates	2011→
Occupation or position held	Chief
Main activities and responsibilities	Coronary CTO Interventions Program
Name and address of employer	Division of Cardiology Ferrarotto Hospital – University of catania Via Citelli. 95124 Catania – Italy
Dates	2009→
Occupation or position held	Chief
Main activities and responsibilities	Cardiovascular Magnetic Resonance Program
Name and address of employer	Division of Cardiology Ferrarotto Hospital - University of Catania Via Citelli. 95124 Catania – Italy
Dates	March 2008 →
Occupation or position held	Consultant Cardiologist
Main activities and responsibilities	Interventional Cardiology – Cardiovascular Magnetic Resonance
Name and address of employer	Division of Cardiology Ferrarotto Hospital - University of Catania via Citelli. 95124 Catania - Italy
Dates	January 2002 - March 2008
Occupation or position held	Locum Consultant Cardiologist
Main activities and responsibilities	Full time Interventional Cardiologist
Name and address of employer	Division of Cardiology Ferrarotto Hospital - University of Catania via Citelli. 95124 Catania - Italy

Dates October 2001 - January 2002  
 Occupation or position held Post-Specialist Training Internship  
 Main activities and responsibilities Interventional Cardiology and Coronary Care Unit  
 Name and address of employer Division of Cardiology  
 Ferrarotto Hospital - University of Catania  
 via Citelli. 95124 Catania - Italy

## Education and training

Dates November 2012 - November 2013  
 Title of qualification awarded Complex CTO operator  
 Principal subjects / occupational skills covered Treatment of complex coronary CTO through advanced antegrade and retrograde approaches  
 Name and type of organization providing education and training Prof. Masaiko Ochiai (Showa University, Tokyo, Japan) at Ferrarotto hospital

Dates August 2005 - August 2006  
 Title of qualification awarded Senior research & clinical Fellow - ESC Research Fellowship awardee  
 Principal subjects / occupational skills covered Cardiovascular Magnetic Resonance Fellowship  
 Interventional Cardiology Fellowship  
 Name and type of organisation providing education and training CMR Unit - Prof. DJ Pennell  
 Interventional Cardiology - Prof. C. Di Mario  
 Royal Brompton Hospital - Imperial College School of Medicine  
 London - UK  
 Level in national or international classification Advance Training in CMR - Level 3

Dates 1997 - 2001  
 Title of qualification awarded Diploma of Cardiology  
 Principal subjects / occupational skills covered Specialist Training in Cardiology according to the European Specialist Training System  
 Name and type of organisation providing education and training University of Catania - Italy

Dates 1991 - 1997  
 Title of qualification awarded Degree in Medicine and Surgery  
 Name and type of organisation providing education and training University of Catania

## Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment  
*European level (\*)*

**English**

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production	C2	Proficient user
	C2	Proficient user	C2	Proficient user	C2	Proficient user

(\*) [Common European Framework of Reference \(CEF\) level](#).

Social skills and competences	Team spirit: I played basketball at professional level Good ability to adapt to multicultural environments, gained through my work experience abroad and my holidays spent around the world; Good communication skills gained through my experience as speaker in several scientific meetings
Organisational skills and competences	Leadership: I am co-responsible for the education of specialist registers in Interventional Cardiology at the University of Catania - Italy; Good experience in project or team management: I am involved as co- and sub-investigator in several research projects
Technical skills and competences	During my training in Cardiology in Catania and my Clinical Fellowship in London, I gained high level skills in the interventional treatment of complex coronary and peripheral artery disease. Furthermore, I gained the highest level of education in Cardiovascular Magnetic Resonance (Level 3) as described in the current international guidelines (JACC 2006;47:910-914). Through a dedicated training on complex CTO interventions by Prof. Masaiko Ochiai (Showa University, Tokyo, Japan) via multiple dedicated sessions at Ferrarotto Hospital, I have become able to perform complex CTO PCI using all currently available approaches and dedicated devices.
Computer skills and competences	Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™).
Driving licence(s)	Category A and B

**Annexes** Published articles (papers on CTO topic in bold)

1. Rajagopal R, Musto C, La Manna A, Tanikawa J, Goktekin O, Di Mario C. Thrombectomy and distal protection devices. *Minerva Cardioangiol.* 2005;53:415-30
2. La Manna A, Goktekin O, Fiscella D, Dalby M, Tanigawa J, Fiscella A, Tamburino C, Di Mario C. Which Strategy for acute ST elevation myocardial infarction in patients >75 years of age. *J Cardiovasc Med* 2006;7:388-396
3. **La Manna A, Locca DA, Prasad SK, Di Mario C. Loculated pericardial ematoma complicating complex coronary interventions: a rare but often missed diagnosis? *Circulation* 2007;115:e540-541**
4. **Locca DA, Bucciarelli-Ducci C, La Manna A, Prasad SK. Percutaneous coronary intervention of chronic total occlusion with retrograde approach: follow-up by cardiovascular magnetic resonance imaging. *Circulation* 2007;116:22-24**
5. Kaplan S, Barlis P, Dimopoulos K, La Manna A, Goktekin O, Galassi A, Tanigawa J, Di Mario C. Culotte versus T-stenting in bifurcation lesions: immediate clinical and angiographic results and midterm clinical follow-up. *Am Heart J* 2007;154:336-43
6. La Manna A, Sutaria N, Prasad SK. MRI in ischemic heart disease: from coronaries to myocardium. *IJRI* 2007;17:98-108
7. Tamburino C, Angiolillo DJ, Capranzano P, Dimopoulos K, La Manna A, Barbagallo R, Tagliareni F, Mangiafico S, Guzman LA, Galassi AR, Bass TA. Complete versus incomplete revascularization in patients with multivessel disease undergoing percutaneous coronary intervention with drug-eluting stents. *Catheter Cardiovasc Interv.* 2008 Oct 1;72(4):448-56.
8. Tamburino C, Angiolillo DJ, Capranzano P, Di Salvo M, Ussia G, La Manna A, Guzman LA, Galassi AR, Bass TA. Long-term clinical outcomes after drug-eluting stent implantation in unprotected left main coronary artery disease. *Catheter Cardiovasc Interv.* 2009 Feb 15;73(3):291-8.
9. Tamburino C, La Manna A, Di Salvo ME, Sacchetta G, Capodanno D, Mehran R, Dangas G, Colcos T, Prati F, MD. First-in-Man 1-Year Clinical Outcomes of the Catania Coronary Stent System With Nanothin Polyzene-F in De Novo Native Coronary Artery Lesions. The ATLANTA (Assessment of The Latest Non-Thrombogenic Angioplasty stent) Trial. *J Am Coll Cardiol Intv.* 2009; 2:197-204
10. La Manna A, Capodanno D, Cera M, Di Salvo ME, Sacchetta G, Corcos T, Prati F, Tamburino C. Optical Coherence Tomography Results at Six Month Follow-Up Evaluation of the CATANIA™ Coronary Stent System with Nanothin Polyzene®-F Surface Modification: Insights from The Assessment of The Latest Non-Thrombogenic Angioplasty Stent (ATLANTA) Trial. *Am J Cardiol* 2009;103:1551-55
11. Capodanno D, La Manna A, Di Salvo ME, Sanfilippo A, Corcos T, Tamburino C. Early and mid-term clinical outcomes with the CATANIA coronary stent system vs. bare metal stents in patients with coronary artery disease. *Cardiovasc Revasc Med.* 2009 Oct-Dec;10(4):216-20
12. Tamburino C, Capodanno D, La Manna A, di Salvo M, Sanfilippo A, Prati F. Rapid Evaluation of Vessel HEaling After AngiopLasty (REVEAL) trial: rationale, objectives and design. *TJ Cardiovasc Med (Hagerstown)TT.* 2010 Jan;11(1):53-8
13. Capodanno D, Prati F, Pawlowsky T, Ramazzotti V, Albertucci J, La Manna A, Robert G, Tamburino C. ClearWayRX system to reduce intracoronary thrombus in patients with acute coronary syndromes according to optical coherence tomography after abciximab intracoronary local infusion trial (COCTAIL): study rationale and design. *TJ Cardiovasc Med (Hagerstown)TT.* 2010 Feb;11(2):130-6
14. Capodanno D, Prati F, Pawlowsky T, Cera M, La Manna A, Albertucci M, Tamburino C. Comparison of optical coherence tomography and intravascular ultrasound for the assessment of in-stent tissue coverage after stent implantation. *EuroIntervention.* 2009 Nov;5(5):538-43.
15. Tagliareni F, La Manna A, Saia F, Marzocchi A, Tamburino C. Long-term clinical follow-up of drug-eluting stent restenosis treatment: retrospective analysis from two high volume catheterisation laboratories. *TEuroInterventionTT.* 2010 Jan;5(6):703-8.
16. La Manna A, Tomasello SD, Tamburino C. Treatment of a large thrombus containing lesion with the MGuard protective net coronary stent system: optical coherence tomographic evidence of complete

plaque sealing. *Clin Res Cardiol.* 2010 Sep;99(9):605-8.

17. Tamburino C, Capranzano P, Capodanno D, Tagliareni F, Biondi-Zoccai G, Sanfilippo A, Caggegi A, Barrano G, Monaco S, Tomasello SD, La Manna A, Di Salvo M, Sheiban I. Plaque distribution patterns in distal left main coronary artery to predict outcomes after stent implantation. *JACC Cardiovasc Interv.* 2010 Jun;3(6):624-31

18. Prati F, Capodanno D, Pawlowski T, Ramazzotti V, Albertucci M, La Manna A, Di Salvo M, Gil RJ, Tamburino C. Local delivery versus intracoronary infusion of abciximab in patients with acute coronary syndromes. *JACC Cardiovasc Interv.* 2010 Sep;3(9):928-34.

19. Locca D, Bucciarelli-Ducci C, Ferrante G, La Manna A, Keenan NG, Grasso A, Barlis P, Del Furia F, Prasad SK, Kaski JC, Pennell DJ, Di Mario C. New universal definition of myocardial infarction applicable after complex percutaneous coronary interventions? *JACC Cardiovasc Interv.* 2010 Sep;3(9):950-8.

20. La Manna A, Prati F, Capodanno D, Di Salvo M, Sanfilippo A, Barrano G, Monaco S, Tamburino C. Head-to-head comparison of early vessel healing by optical coherence tomography after implantation of different stents in the same patient. *J Cardiovasc Med (Hagerstown).* 2011 May;12(5):328-33.

21. Capodanno D, Caggegi A, Miano M, Cincotta G, Dipasqua F, Giacchi G, Capranzano P, Ussia G, Di Salvo ME, La Manna A, Tamburino C. Global risk classification and clinical SYNTAX (synergy between percutaneous coronary intervention with TAXUS and cardiac surgery) score in patients undergoing percutaneous or surgical left main revascularization. *JACC Cardiovasc Interv.* 2011 Mar;4(3):287-97.

22. Prati F, Stazi F, Dutary J, La Manna A, Di Giorgio A, Pawlosky T, Gonzalo N, Di Salvo ME, Imola F, Tamburino C, Albertucci M, Alfonso F. Detection of very early stent healing after primary angioplasty: an optical coherence tomographic observational study of chromium cobaltum and first-generation drug-eluting stents. The DETECTIVE study. *Heart.* 2011 Nov;97(22):1841-6.

23. La Manna A, Geraci S, Tamburino C. A self-expandable coronary stent system to treat complex coronary stenosis complicated by poststenotic aneurysm: an optical coherence tomographic evidence-based case report. *J Invasive Cardiol.* 2011 Dec;23(12):E277-80.

24. La Manna A, Sanfilippo A, Capodanno D, Salemi A, Polizzi G, Deste W, Cincotta G, Cadoni A, Marchese A, Figuera M, Ussia GP, Pittala R, Privitera C, Tamburino C. Cardiovascular Magnetic Resonance for the Assessment of Patients undergoing Transcatheter Aortic Valve Implantation: A Pilot Study. *J Cardiovasc Magn Reson.* 2011 Dec 27;13(1):82.

25. Tamburino C, Capodanno D, Di Salvo ME, Sanfilippo A, Cascone I, Incardona V, Longo G, Giacoppo D, Capranzano P, Sgroi C, Ussia G, Monaco A, La Manna A. Safety and effectiveness of the Catania Polyzene-F coated stent in real world clinical practice: 12-month results from the ATLANTA 2 registry. *EuroIntervention.* 2011 Dec 30;7(9):1062-8.

26. Tamburino C, Capodanno D, Di Salvo ME, Sanfilippo A, Cascone I, Incardona V, Longo G, Giacoppo D, Capranzano P, Sgroi C, Ussia G, Monaco A, La Manna A. Safety and effectiveness of the Catania Polyzene-F coated stent in real world clinical practice: 12-month results from the ATLANTA 2 registry. *EuroIntervention.* 2012 Jan;7(9):1062-8.

27. Prati F, Di Vito L, Biondi-Zoccai G, Occhipinti M, La Manna A, Tamburino C, Burzotta F, Trani C, Porto I, Ramazzotti V, Imola F, Manzoli A, Materia L, Cremonesi A, Albertucci M. Angiography alone versus angiography plus optical coherence tomography to guide decision-making during percutaneous coronary intervention: the Centro per la Lotta contro l'Infarto-Optimisation of Percutaneous Coronary Intervention (CLI-OPCI) study. *EuroIntervention.* 2012 Nov 22;8(7):823-9.

**28. Geraci S, La Manna A, Tamburino C. How should I treat a massive thrombus embolisation in the left coronary artery during chronic total occlusion revascularisation? *EuroIntervention.* 2012 Nov 22;8(7):866-75.**

29. van Geuns RJ, Tamburino C, Fajadet J, Vrolix M, Witzenbichler B, Eeckhout E, Spaulding C, Reczuch K, La Manna A, Spaargaren R, García-García HM, Regar E, Capodanno D, Van Langenhove G, Verheye S. Self-expanding versus balloon-expandable stents in acute myocardial infarction: results from the APPPOSITION II study: self-expanding stents in ST-segment elevation myocardial infarction.

JACC Cardiovasc Interv. 2012 Dec;5(12):1209-19.

**30. Tamburino C, Capranzano P, Capodanno D, Dangas G, Zimarino M, Bass TA, Mehran R, Antonucci D, Colombo A, La Manna A, Di Salvo ME, Stone GW. Percutaneous recanalization of chronic total occlusions: wherein lies the body of proof? Am Heart J. 2013 Feb;165(2):133-42.**

31. Capodanno D, Giacoppo D, Dipasqua F, Miccichè E, Licitra C, Di Salvo ME, Francaviglia B, Grasso C, La Manna A, Sgroi C, Tamburino C. Usefulness of the logistic clinical SYNTAX score for predicting 1-year mortality in patients undergoing percutaneous coronary intervention of the left main coronary artery. Catheter Cardiovasc Interv. 2013 Oct 1;82(4):E446-52.

32. Capodanno D, Capranzano P, La Manna A, Tamburino C. Meta-analysis of everolimus-eluting stents versus first-generation drug-eluting stents in patients with left main coronary artery undergoing percutaneous coronary intervention. Int J Cardiol. 2013 Sep 30;168(2):1718-9.

33. La Manna A, Sanfilippo A, Capodanno D, Salemi A, Cadoni A, Cascone I, Polizzi G, Figuera M, Pittalà R, Privitera C, Tamburino C. Left ventricular reverse remodeling after transcatheter aortic valve implantation: a cardiovascular magnetic resonance study. J Cardiovasc Magn Reson. 2013 May 21;15(1):39.

**34. La Manna A, Ohno Y, Attizzani GF, Tamburino C. Successful retrograde recanalization of chronic total coronary occlusion with multiple bioresorbable vascular scaffolds ('full polymer jacket'): initial experience and rationale. Eur Heart J. 2013 Oct;34(37):2925.**

35. Attizzani GF, Ohno Y, Capranzano P, La Manna A, Francaviglia B, Grasso C, Sgroi C, Tamburino C, Longo G, Fujino Y, Capodanno D, Tamburino C. Initial experience of percutaneous coronary intervention in bifurcations with bioresorbable vascular scaffolds using different techniques--insights from optical coherence tomography. Int J Cardiol. 2013 Dec 10;170(2):e33-5.

36. Parodi G, La Manna A, Di Vito L, Valgimigli M, Fineschi M, Bellandi B, Niccoli G, Giusti B, Valenti R, Cremonesi A, Biondi-Zoccai G, Prati F. Stent-related defects in patients presenting with stent thrombosis: differences at optical coherence tomography between subacute and late/very late thrombosis in the Mechanism Of Stent Thrombosis (MOST) study. EuroIntervention. 2013 Dec;9(8):936-44.

Published articles on on line journals:

1. La Manna A, Di Mario C. Therapeutic strategies in multiple vessel coronary artery disease. E-Journal of Cardiology Practice Vol.4 N°29, on:

[www.escardio.org/knowledge/cardiology\\_practice/ejournal\\_vol4/Vol4n29.htm](http://www.escardio.org/knowledge/cardiology_practice/ejournal_vol4/Vol4n29.htm)

2. Capodanno D, La Manna A, Tamburino C. Optimal revascularization strategy for left main coronary artery disease. E-Journal of Cardiology Practice Vol.7 N°17, on

[www.escardio.org/communities/councils/ccp/e-journal/volume7/Pages/optimal-revascularisation-therapy.aspx](http://www.escardio.org/communities/councils/ccp/e-journal/volume7/Pages/optimal-revascularisation-therapy.aspx)

3. Geraci S., La Manna A., Tamburino C. Optical coherence tomography for coronary imaging. E-Journal of Cardiology Practice Vol.9 N°12, on

<http://www.escardio.org/communities/councils/ccp/e-journal/volume9/Pages/Optical-coherence-tomography-for-coronary-imaging-LaManna.aspx>

4. Sanfilippo A., La Manna A., Tamburino C. Prognostic impact of no-reflow following acute myocardial infarction. E-Journal of Cardiology Practice Vol.9 N°20, on

[www.escardio.org/communities/councils/ccp/e-journal/volume9/Pages/prognostic-impact-no-reflow-following-acute-myocardial-infarction-La-Manna.aspx](http://www.escardio.org/communities/councils/ccp/e-journal/volume9/Pages/prognostic-impact-no-reflow-following-acute-myocardial-infarction-La-Manna.aspx)

**Co-Author in books:**

1. Galassi AR, Sgroi C, La Manna A, Mirabella F, Monaco A. Patologia delle coronarie; Chap 1 pagg 5-49; in La Cardiologia Interventistica, G. Giuffrida e C. Tamburino. Monografie di Cardiologia Ed. Societa' Italiana di Cardiologia.

2. La Manna A, Francaviglia B, Barbagallo R, Garro N, Grasso C. Stent a rilascio di farmaco; Chap 2 pagg 51-63; in La Cardiologia Interventistica, G. Giuffrida e C. Tamburino. Monografie di Cardiologia Ed. Societa' Italiana di Cardiologia.

3. Galassi AR, Sgroi C, Moshiri S, La Manna A. Complicanze nel laboratorio di interventistica; Chap 9 pagg 204-212; in La Cardiologia Interventistica, G. Giuffrida e C. Tamburino. Monografie di Cardiologia Ed. Societa' Italiana di Cardiologia.

4. Dimopoulos K, Ghilencea L, La Manna A, Di Mario C. Approach to intermediate lesions. Chap. 11 pagg. 123-139 in "Problem Oriented Approaches in Interventional Cardiology", A. Colombo e G. Stankovic. 2007 Informa Healthcare.

5. Left main coronary artery disease. A practical guide for the interventional cardiologist. C. Tamburino. 2009 Springer.

**Speaker on CTOs in national and international meetings:**

1. EuroPCR 2010. 27<sup>th</sup> May, 2010. Call for complications: Chronic total occlusion.
2. Italian CTO Club. 12<sup>th</sup> November, 2010. Interactive discussion on clinical cases of different difficulty.
3. TCT Mediterranean 2012. 4<sup>th</sup> May, 2012. Live case session II: Taped case from Ferrarotto Hospital (CTO taped case first operator).
4. GISE 2013. 9<sup>th</sup> October, 2013. STANDARDS OF CHRONIC TOTAL OCCLUSION REVASCULARIZATION IN 2013. Case-based presentation 2 – Intravascular ultrasound guidance in CTO-PCI.
5. GISE 2013. 10<sup>th</sup> October, 2013. KARDIA SPONSORED SYMPOSIUM - MAKING SIMPLE CTO'S AND COMPLEX PROCEDURES. Case presentation: CTO.
6. Italian CTO Summit 2013. 1<sup>st</sup> March, 2013. Clinical case presentation.
7. Mediterranean Cardiology Meeting. 21<sup>st</sup> April, 2013. The chronic ischemic patient with CTO: when and how to treat.
8. TOBI 2013. 13<sup>th</sup> September, 2013. Usefulness of MRI in the setting of CTO.
9. CCT 2013. 18<sup>th</sup> October, 2013. Coronary case competition: 3-Vessels CTO Complex recanalization.
10. BVS Forum. 5<sup>th</sup> December, 2013. Focused clinical case review: CTO.
11. Italian CTO Summit 2014. 11<sup>th</sup> April, 2014. Recorded CTO case.

**Invited speaker on CTOs in upcoming national and international meetings:**

1. TOBI 2014
2. GISE 2014

**Live case operator in international meetings**

1. TCT Mediterranean 2012 (taped case)
2. TCT 2012
3. EuroPCR 2013

Catania, 01/09/2014

