

CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome **CAPUTO MARIA, LUCE**
E-mail **marialuce.caputo@cardiocentro.org**

Nazionalità italiana

Data di nascita 12 OTTOBRE 1983

ESPERIENZA LAVORATIVA

DAL 01 LUGLIO 2009 AL 30 GIUGNO 2014
Azienda Ospedaliera Universitaria Senese
Scuola di Specializzazione in Malattie Dell'Apparato Cardiovascolare

Dal 21 Luglio 2014 al 31 Dicembre 2015
Servizio di Elettrofisiologia, Cardiocentro Ticino, Lugano Svizzera
Medico Assistente

Dal 01.01.2016
Servizio di Elettrofisiologia, Cardiocentro Ticino, Lugano Svizzera
Medico Ospedaliero

ISTRUZIONE E FORMAZIONE

Anno [Giugno, 2016]
Qualifica conseguita EHRA Certified Electrophysiology Specialist level 1 (ECES level 1)

- Anno [2014]
• Nome e tipo di istituto di istruzione o formazione Università degli Studi di Siena
• Qualifica conseguita Medico specialista in malattie dell'Apparato Cardiovascolare
TITOLO DELLA TESI: "Utilità clinica del monitoraggio continuo con ecocardiogramma transesofageo durante le procedure di estrazione transvenosa di cateteri da pacemaker e da defibrillazione", con votazione di 70/70 e lode.

- Anno [2009]
• Nome e tipo di istituto di Università degli Studi di Siena

- istruzione o formazione
- Qualifica conseguita Abilitazione all'esercizio della professione
- Anno [2008]
- Nome e tipo di istituto di istruzione o formazione Università degli Studi di Siena
- Qualifica conseguita Laurea Magistrale in Medicina e Chirurgia
TITOLO DELLA TESI: "Predittori ecocardiografici di recidiva di fibrillazione atriale in pazienti sottoposti a cardioversione elettrica esterna", con votazione di 110/110 e Lode.
- Anno [2002]
- Nome e tipo di istituto di istruzione o formazione Liceo Classico G.B.VICO, Nocera Inferiore (SA)
- Qualifica conseguita Maturità classica. VOTO: 100/100

1. Nguyễn UC, Maffessanti F, Mafi-Rad M, Conte G, Zeemering S, Regoli F, **Caputo ML**, van Stipdonk AMW, Bekkers SCAM, Suerder D, Moccetti T, Krause R, Prinzen FW, Vernoooy K, Auricchio A. Evaluation of the use of unipolar voltage amplitudes for detection of myocardial scar assessed by cardiac magnetic resonance imaging in heart failure patients. *PLoS One*. 2017 Jul 5;12(7):e0180637.
2. Regoli F, Araco M, Moccetti T, **Caputo ML**, Conte G, Auricchio A, Moccetti M. Potential Clinical Utility and Feasibility of Combined Left Atrial Appendage Closure and Positioning of Miniaturized Pacemaker Through a Single Right Femoral Vein Access. *Am J Cardiol*. 2017 Jul 15;120(2):236-242.
3. Conte G, **Caputo ML**, Regoli F, Moccetti T, Auricchio A. Catheter ablation of a left posterior fascicular ventricular tachycardia guided by a novel high-resolution multipolar mapping catheter. *J Interv Card Electrophysiol*. 2017 Jun;49(1):101-102.
4. Conte G, Kawabata M, de Asmundis C, Taravelli E, Petracca F, Ruggiero D, **Caputo ML**, Regoli F, Chierchia GB, Chiodini A, Del Bufalo A, Moccetti T, Goya M, Hirao K, Vicentini A, De Ferrari GM, Brugada P, Auricchio A. High rate of subcutaneous implantable cardioverter-defibrillator sensing screening failure in patients with Brugada syndrome: a comparison with other inherited primary arrhythmia syndromes. *Europace*. 2017 Mar 7.
5. Maffessanti F, Wanten J, Potse M, Regoli F, **Caputo ML**, Conte G, Sürder D, Illner A, Krause R, Moccetti T, Auricchio A, Prinzen FW. The relation between local repolarization and T-wave morphology in heart failure patients. *Int J Cardiol*. 2017 Feb 22.
6. **Caputo ML**, Muschietti S, Burkart R, Benvenuti C, Conte G, Regoli F, Mauri R, Klersy C, Moccetti T, Auricchio A. Lay persons alerted by mobile application system initiate earlier cardio-pulmonary resuscitation: A comparison with SMS-based system notification. *Resuscitation*. 2017 Mar 6;114:73-78.
7. Olde Nordkamp LR, Conte G, Rosenmöller BR, Warnaars JL, Tan HL, **Caputo ML**, Regoli F, Moccetti T, Auricchio A, Knops RE, Wilde AA. Brugada Syndrome and the Subcutaneous Implantable Cardioverter-

- Defibrillator. *J Am Coll Cardiol*. 2016 Aug 9;68(6):665-6.
8. Conte G, **Caputo ML**, Regoli F, Moccetti T, Brugada P, Auricchio A. Brugada Syndrome and Early Repolarisation: Distinct Clinical Entities or Different Phenotypes of the Same Genetic Disease? *Arrhythm Electrophysiol Rev*. 2016 Aug;5(2):84-9.
 9. Savastano S, Vanni V, Burkart R, Raimondi M, Canevari F, Molinari S, Baldi E, Danza AI, **Caputo ML**, Mauri R, Regoli F, Conte G, Benvenuti C, Auricchio A. Comparative performance assessment of commercially available automatic external defibrillators: A simulation and real-life measurement study of hands-off time. *Resuscitation*. 2017 Jan;110:12-17.
 10. Conte G, Luca A, Yazdani S, **Caputo ML**, Regoli F, Moccetti T, Kappenberger L, Vesin JM, Auricchio A. Usefulness of P-Wave Duration and Morphologic Variability to Identify Patients Prone to Paroxysmal Atrial Fibrillation. *Am J Cardiol*. 2016 Oct 8. (16)31615-0.
 11. **Caputo ML**, Regoli F, Conte G, Adjibodou B, Svab S, Del Bufalo A, Moccetti T, Curti M, Klersy C, Auricchio A. Temporal trends and long term follow-up of implantable cardioverter defibrillator therapy for secondary prevention: A 15-year single-centre experience. *Int J Cardiol*. 2016 Nov 10;228:31-36.
 12. Regoli F, Bongiorno MG, Rordorf R, Santamaria M, Klersy C, Segreti L, De Regibus V, Moccetti T, Conte G, **Caputo ML**, Auricchio A. High recurrence of device-related adverse events following transvenous lead extraction procedure in patients with cardiac resynchronization devices. *Eur J Heart Fail*. 2016;18(10):1270-1277.
 13. Conte G, **Caputo ML**, Regoli F, Marcon S, Klersy C, Adjibodou B, Del Bufalo A, Moccetti T, Auricchio A. True idiopathic ventricular fibrillation in out-of-hospital cardiac arrest survivors in the Swiss Canton Ticino: prevalence, clinical features, and long-term follow-up. *Europace*. 2016 Feb 17.
 14. Mauri R, Burkart R, Benvenuti C, **Caputo ML**, Moccetti T, Del Bufalo A, Gallino A, Casso C, Anselmi L, Cassina T, Klersy C, Auricchio A. Better management of out-of-hospital cardiac arrest increases survival rate and improves neurological outcome in the Swiss Canton Ticino. *Europace* 2016; 18: 398-404.

15. Nguyễn UC, Potse M, Regoli F, **Caputo ML**, Conte G, Murzilli R, Muzzarelli S, Moccetti T, Caiani EG, Prinzen FW, Krause R, Auricchio A. An in-silico analysis of the effect of heart position and orientation on the ECG morphology and vectorcardiogram parameters in patients with heart failure and intraventricular conduction defects. *J Electrocardiol.* 2015 Jul-Aug;48(4):617-25.
16. Regoli F, **Caputo M**, Conte G, Faletra FF, Moccetti T, Pasotti E, Cassina T, Casso G, Schlotterbeck H, Engeler A, Auricchio A. Clinical utility of routine use of continuous transesophageal echocardiography monitoring during transvenous lead extraction procedure. *Heart Rhythm.* 2015 Feb;12(2):313-20.
17. Agoston G, Gargani L, Miglioranza MH, **Caputo M**, Badano LP, Moreo A, Muraru D, Mondillo S, Moggi Pignone A, Matucci Cerinic M, Sicari R, Picano E, Varga A. Left atrial dysfunction detected by speckle tracking in patients with systemic sclerosis. *Cardiovasc Ultrasound.* 2014 Aug 5;12:30.
18. Padeletti M, **Caputo M**, Zacà V, Tsioulpas C, Bernazzali S, Mondillo S, Maccherini M, Jelic S. Effect of Bosentan on Pulmonary Hypertension Secondary to Systolic Heart Failure. *Pharmacology.* 2013 Nov 29;92(5-6):281-285.
19. **Caputo M**, Urselli R, Zacà V, Capati E, Padeletti M, De Nicola S, Navarri R, Antonelli G, Nucci C, Giacomini E, Mondillo S. Detection of early left ventricular and atrial dysfunction in overweight patients with preserved ejection fraction: a speckle tracking analysis. *Echocardiography.* 2013 May;30(5):551-7.
20. Ballo P, **Caputo M**, Antonelli G, Santoro A, Cameli M, De Vito R, Benincasa S, Navarri R, Giacomini E, Zuppiroli A, Mondillo S. The E/e' ratio in the gray zone as predictor of left atrial dysfunction in patients with normal left ventricular ejection fraction: a speckle tracking study. *Int J Cardiol.* 2012 Jul 2;158(2):329-30.
21. Palazzuoli A, **Caputo M**, Calabrò A, Nuti R. Clinical impact of BNP and other emerging biomarkers in heart failure evaluation and management. *Minerva Cardioangiol.* 2012 Apr;60(2):183-94. Review.
22. Santoro A, **Caputo M**, Antonelli G, Lisi M, Padeletti M, D'Ascenzi F, Cameli M, Giacomini E, Mondillo S. Left ventricular twisting as

- determinant of diastolic function: a speckle tracking study in patients with cardiac hypertrophy. *Echocardiography*. 2011 Sep;28(8):892-8.
23. Cameli M, Ballo P, Righini FM, **Caputo M**, Lisi M, Mondillo S. Physiologic determinants of left ventricular systolic torsion assessed by speckle tracking echocardiography in healthy subjects. *Echocardiography*. 2011 Jul;28(6):641-8.
24. **Caputo M**, Urselli R, Capati E, Navarri R, Sinesi L, Furiozzi F, Ballo P, Palazzuoli A, Favilli R, Mondillo S. Usefulness of left ventricular diastolic dysfunction assessed by pulsed tissue Doppler imaging as a predictor of atrial fibrillation recurrence after successful electrical cardioversion. *Am J Cardiol*. 2011 Sep 1;108(5):698-704.
25. Mondillo S, Cameli M, **Caputo ML**, Lisi M, Palmerini E, Padeletti M, Ballo P. Early detection of left atrial strain abnormalities by speckle-tracking in hypertensive and diabetic patients with normal left atrial size. *J Am Soc Echocardiogr*. 2011 Aug;24(8):898-908.
26. Palazzuoli A, **Caputo M**, Fineschi M, Navarri R, Calabrò A, Cameli M, Campagna MS, Franci B, Pierli C, Nuti R, Maisel A. B-type natriuretic peptide as an independent predictor of coronary disease extension in non-ST elevation coronary syndromes with preserved systolic function. *Eur J Prev Cardiol*. 2012 Jun;19(3):366-73.
27. Palazzuoli A, Maisel A, **Caputo M**, Fineschi M, Quatrini I, Calabrò A, Campagna MS, Franci B, Grothgar S, Pierli C, Nuti R. B-type natriuretic peptide levels predict extent and severity of coronary disease in non-ST elevation coronary syndromes and normal left ventricular systolic function. *Regul Pept*. 2011 Feb 25;167(1):129-33.
28. Palazzuoli A, Quatrini I, Calabrò A, Antonelli G, **Caputo M**, Campagna MS, Franci B, Nuti R. Anemia correction by erythropoietin reduces BNP levels, hospitalization rate, and NYHA class in patients with cardio-renal anemia syndrome. *Clin Exp Med*. 2011 Mar;11(1):43-8.
29. Cameli M, **Caputo M**, Mondillo S, Ballo P, Palmerini E, Lisi M, Marino E, Galderisi M. Feasibility and reference values of left atrial longitudinal strain imaging by two-dimensional speckle tracking. *Cardiovasc Ultrasound*. 2009 Feb 8;7:6.

Como, 7 Luglio 2017

In fede,