

Dr. Stefano LEUZZI

CURRICULUM VITAE

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Summary

Education:

- Pre-doctorate training at the University of Pavia (Italy)
- Medical degree at the University of Pavia (Italy) (score 110/110)
- Specialization school in Cardiology at University of Pavia, Italy (score 50/50)
- Training and courses in cardiac magnetic resonance imaging Level 1 at Pisa University
- Training and course in cardiac magnetic resonance imaging Level 2 at University college of London, London, UK
- Advanced Life Support certification, Italian Resuscitation Council

Employments:

- Consultant internal medicine at Civil Hospital, Asti, Italy -
- Consultant cardiology at Cardinal Massaia Hospital, Asti, Italy - clinical cardiology, basal and stress echocardiography, positioning and monitoring of pace makers, Cardiac Magnetic Resonance Imaging
- Head of clinical cardiology at Jilin Heart Hospital, Changchung, Jilin Province, China - clinical cardiology, basal and stress echocardiography, Cardiac Magnetic Resonance Imaging
- Consultant cardiology at Ospedale degli Infermi, Biella, Italy - Clinical cardiology, Echocardiography and Cardiac Magnetic Resonance Imaging

Research:

- Basic research about spectral analysis applied at cardiovascular variables signals in normal and pathologic humans
- Cardiac MRI research applied to hypertrophic cardiomyopathy, myocarditis, coronary artery disease.

Personal skills and competences:

- Siemens Magnetic Resonance Equipments
- Philips Magnetic Resonance Equipments
- Apple computers and network.
- DICOM viewer software: Osirix
- MRI imaging analyzer software: Medis, Siemens Argus, Philips Viewforum and Intellispace

University	date	Assignment/ position	Activity
San Matteo Hospital University of Pavia, Italy	1988 - 1991	Student - Internal Medicine Clinic	
San Matteo Hospital University of Pavia, Italy	14.03.1991		Graduation MD - score 110/110
San Matteo Hospital University of Pavia, Italy	4 - 1991		Board Certification of Italian Medical Association
San Matteo Hospital University of Pavia, Italy	1991 - 1995	Training for Specialization	
San Matteo Hospital University of Pavia, Italy	10 - 1995	Specialization in Cardiology	European Community Board Certification
Civil Hospital of Asti, Asti, Italy	1996 - 1997	Consultant - Dept Internal Medicine	Inpatients, 56 beds Internal Medicine ward
Emo Centro Cuore Columbus, Milan, Italy (Dir Prof. Antonio Colombo)	1997 - 1998	Consultant - Clinical Cardiology	
Civil Hospital of Asti, Asti, Italy (Dir. Prof Fiorenzo Gaita)	1998 - 2005	Consultant - Dept Cardiology	Clinical Cardiology (outpatients, inpatients, intensive care), 15 beds ward, 8 beds Coronary Intensive Care Unit
			PM positioning and follow up
			Basal and stress Echocardiography
			Head of Cardiac Magnetic Resonance Imaging Service
Istituto di Fisiologia Clinica, CNR of Pisa, Pisa, Italy	2004	Accredited intensive course in Cardiac MRI	
Istituto di Fisiologia Clinica, CNR of Pisa, Pisa, Italy	2005	1 month training EuroCMR Level 1 in Cardiac MRI	Certification Level 1 European CMR society
Heart Hospital, UCL, London (Dir. Prof. James Moon)	2012	3 months training EuroCMR Level 2 in Cardiac MRI	Certification Level 2 European CMR society

Cardinal Massaia Hospital, Asti, Italy (Dir. Prof. Fiorenzo Gaita)	2005 - 2014	Consultant - Dept Cardiology	Clinical Cardiology (outpatients, inpatients, intensive care), 15 beds ward, 8 beds Coronary Intensive Care Unit
		PM positioning and follow up	
		Basal and stress Echocardiography	
		Head of Cardiac Magnetic Resonance Imaging Service	
Jilin Heart Hospital, Changchun, Jilin Province, China	2014 - 2015	Head of Clinical Cardiology Head of Cardiac MRI service	Clinical Cardiology (outpatients, inpatients, intensive care), 50 beds ward, 20 beds Intensive Care Unit
		Basal and stress Echocardiography	
		Head of Cardiac Magnetic Resonance Imaging Service	
Cardinal Massaia Hospital, Asti, Italy	2015	Consultant - Dept Cardiology	Clinical Cardiology (outpatients, inpatients, intensive care), 15 beds ward, 8 beds Coronary Intensive Care Unit
		Echocardiography	
Ospedale degli Infermi, Biella, Italy	2015 - present	Consultant - Dept Cardiology Cardiovascular Imaging service	Clinical Cardiology (outpatients, inpatients, intensive care), 15 beds ward, 8 beds Coronary Intensive Care Unit
		Echocardiography	
		Head of Cardiac Magnetic Resonance Imaging Service	
Ospedale degli Infermi, Biella, Italy	5/2017		Advanced Life Support Certification by Italian Resuscitation Council

Publications:

1. Chiribiri A, Leuzzi S, Conte MR, Bongioanni S, Bratis K, Olivotti L, De Rosa C, Lardone E, Di Donna P, Villa AD, Cesarani F, Nagel E, Gaita F, Bonamini R. Rest perfusion abnormalities in hypertrophic cardiomyopathy: correlation with myocardial fibrosis and risk factors for sudden cardiac death. *Clin Radiol.* 2015 Feb 5. pii: S0009-9260(15)00022-7. doi: 10.1016/j.crad.2014.12.018. PMID: 25659937
2. Imazio M, Brucato A, Barbieri A, Ferroni F, Maestroni S, Ligabue G, Chinaglia A, Cumetti D, Casa GD, Bonomi F, Mantovani F, Di Corato P, Lugli R, Faletti R, Leuzzi S, Bonamini R, Modena MG, Belli R. Good prognosis for pericarditis with and without myocardial involvement: results from a multicenter, prospective cohort study. *Circulation.* 2013 Jul 2;128(1):42-9. doi: 10.1161/CIRCULATIONAHA.113.001531. Epub 2013 May 24. PubMed PMID: 23709669.
3. Delcrè SD, Di Donna P, Leuzzi S, Miceli S, Bisi M, Scaglione M, Caponi D, Conte MR, Cecchi F, Olivotto I, Gaita F. Relationship of ECG findings to phenotypic expression in patients with hypertrophic cardiomyopathy: a cardiac magnetic resonance study. *Int J Cardiol.* 2013 Aug 10;167(3):1038-45. doi: 10.1016/j.ijcard.2012.03.074. Epub 2012 Mar 30. PubMed PMID: 22464482.
4. Conte MR, Bongioanni S, Chiribiri A, Leuzzi S, Lardone E, Di Donna P, Pizzuti A, Luceri S, Cesarani F, Mabritto B, Zoccai GB, Bonamini R, Gaita F. Late gadolinium enhancement on cardiac magnetic resonance and phenotypic expression in hypertrophic cardiomyopathy. *Am Heart J.* 2011 Jun;161(6):1073-7. doi: 10.1016/j.ahj.2011.03.022. PubMed PMID: 21641353.
5. Imazio M, Brucato A, Derosa FG, Lestuzzi C, Bombana E, Scipione F, Leuzzi S, Cecchi E, Trinchero R, Adler Y. Aetiological diagnosis in acute and recurrent pericarditis: when and how. *J Cardiovasc Med (Hagerstown).* 2009 Mar;10(3):217-30. doi: 10.2459/JCM.0b013e328322f9b1. Review. PubMed PMID: 19262208.
6. Chiribiri A, Leuzzi S, Salvetti I, Patané S, Bonamini R, Trevi GP, Gaita F, Cesarani F. Isolated noncompaction of the right ventricular myocardium in the adulthood? *Int J Cardiol.* 2009 May 1;134(1):e17-9. doi: 10.1016/j.ijcard.2008.02.001. Epub 2008 Apr 2. PubMed PMID: 18378024.
7. Spadacini G, Passino C, Leuzzi S, Valle F, Piepoli M, Calciati A, Sleight P, Bernardi L. Frequency-dependent baroreflex control of blood pressure and heart rate during physical exercise. *Int J Cardiol.* 2006 Feb 15;107(2):171-9. Epub 2005 Aug 26. PubMed PMID: 16125813.
8. Scaglione M, Caponi D, Di Donna P, Riccardi R, Bocchiardo M, Azzaro G, Leuzzi S, Gaita F. Typical atrial flutter ablation outcome: correlation with isthmus anatomy

using intracardiac echo 3D reconstruction. *Europace*. 2004 Sep;6(5):407-17. PubMed PMID: 15294265.

9. Scaramuzza A, Salvucci F, **Leuzzi S**, Radaelli A, d'Annunzio G, Fratino P, Lorini R, Bernardi L. Cardiovascular autonomic testing in adolescents with type I (insulin-dependent) diabetes mellitus: an 18-month follow-up study. *Clin Sci (Lond)*. 1998 Jun;94(6):615-21. PubMed PMID: 9854459.
10. Bernardi L, Rossi M, **Leuzzi S**, Mevio E, Fornasari G, Calciati A, Orlandi C, Fratino P. Reduction of 0.1 Hz microcirculatory fluctuations as evidence of sympathetic dysfunction in insulin-dependent diabetes. *Cardiovasc Res*. 1997 Apr; 34(1):185-91. PubMed PMID: 9217889.
11. Piepoli M, Sleight P, **Leuzzi S**, Valle F, Spadacini G, Passino C, Johnston J, Bernardi L. Origin of respiratory sinus arrhythmia in conscious humans. An important role for arterial carotid baroreceptors. *Circulation*. 1997 Apr 1;95(7):1813-21. PubMed PMID: 9107168.
12. Passino C, Sleight P, Valle F, Spadacini G, **Leuzzi S**, Bernardi L. Lack of peripheral modulation of cardiovascular central oscillatory autonomic activity during apnea in humans. *Am J Physiol*. 1997 Jan;272(1 Pt 2):H123-9. PubMed PMID: 9038930.
13. Radaelli A, Valle F, Falcone C, Calciati A, **Leuzzi S**, Martinelli L, Goggi C, Viganò M, Finardi G, Bernardi L. Determinants of heart rate variability in heart transplanted subjects during physical exercise. *Eur Heart J*. 1996 Mar;17(3):462-71. PubMed PMID: 8737223.
14. Radaelli A, Coats AJ, **Leuzzi S**, Piepoli M, Meyer TE, Calciati A, Finardi G, Bernardi L, Sleight P. Physical training enhances sympathetic and parasympathetic control of heart rate and peripheral vessels in chronic heart failure. *Clin Sci (Lond)*. 1996;91 Suppl:92-4. PubMed PMID: 8813840.
15. Bernardi L, Salvucci F, **Leuzzi S**, Radaelli A, Calciati A, Valle F, Savasta S, Scaramuzza A, Lorini R. Cardiovascular reflex changes preceding episodes of vasovagal syncope in paediatric subjects. *Clin Sci (Lond)*. 1996;91 Suppl:25-7. PubMed PMID: 8813819.
16. Bernardi L, **Leuzzi S**, Valle F, Martinelli L, Passino C, Rinaldi M, Spadacini G, Vigano M, Finardi G, Sleight P. Effect of different interventions on heart rate variability after heart transplantation: non-autonomic vs autonomic factors. *Clin Sci (Lond)*. 1996;91 Suppl:22-4. Review. PubMed PMID: 8813818.
17. Bernardi L, Bianchini B, Spadacini G, **Leuzzi S**, Valle F, Marchesi E, Passino C, Calciati A, Viganò M, Rinaldi M, et al. Demonstrable cardiac reinnervation after human heart transplantation by carotid baroreflex modulation of RR interval. *Circulation*. 1995 Nov 15;92(10):2895-903. PubMed PMID: 7586257.
18. Sleight P, La Rovere MT, Mortara A, Pinna G, Maestri R, **Leuzzi S**, Bianchini B, Tavazzi L, Bernardi L. Physiology and pathophysiology of heart rate and blood pressure variability in humans: is power spectral analysis largely an index of baroreflex gain? *Clin Sci (Lond)*. 1995 Jan;88(1):103-9. Erratum in: *Clin Sci (Colch)* 1995 Jun;88(6):733. PubMed PMID: 7677832.

19. Bernardi L, Leuzzi S, Radaelli A, Passino C, Johnston JA, Sleight P. Low-frequency spontaneous fluctuations of R-R interval and blood pressure in conscious humans: a baroreceptor or central phenomenon? *Clin Sci (Lond)*. 1994 Dec;87(6):649-54. PubMed PMID: 7874855.
20. Bianchini B, Spadacini G, Passino C, Valle F, Marchesi E, Leuzzi S, Viganò M, Martinelli L, Sleight P, Rinaldi M, et al. [The noninvasive demonstration of functional reinnervation after heart transplantation]. *Cardiologia*. 1994 Dec;39(12):835-41. Italian. PubMed PMID: 7781001.
21. Radaelli A, Bernardi L, Valle F, Leuzzi S, Salvucci F, Pedrotti L, Marchesi E, Finardi G, Sleight P. Cardiovascular autonomic modulation in essential hypertension. Effect of tilting. *Hypertension*. 1994 Nov;24(5):556-63. PubMed PMID: 7960013.
22. Bernardi L, Valle F, Leuzzi S, Rinaldi M, Marchesi E, Falcone C, Martinelli L, Viganò M, Finardi G, Radaelli A. Non-respiratory components of heart rate variability in heart transplant recipients: evidence of autonomic reinnervation? *Clin Sci (Lond)*. 1994 May;86(5):537-45. PubMed PMID: 7913430.
23. Salvucci F, Leuzzi S, Calciati A, Valle F, Giangregorio F, Spadacini G, Coco M, Passino C, Savasta S, Finardi G, et al. [Vasovagal syncope]. *Recenti Prog Med*. 1993 Jun;84(6):443-56. Review. Italian. PubMed PMID: 8516554.

Biella, Oct 15, 2018