

**GABRIELE GIUSEPPE VICEDOMINI**

**PERSONAL DATA**

*Born in Monza, Italy , 28 DEcember 1955*

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*Current position : Associate Director, Department of Arrhythmology,  
Ospedale San Raffaele,  
Milano, Italy*

*Citizenship : Italian*

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**EDUCATION**

*M.D. Degree September 19, University of Milano Medical School.*

*Score : 110/110 with honors*

*Specialty Degrees : Diseases of Metabolism, 1983,*

*University of Milano Medical School*

*Score 70/70 with honors*

*Cardiology, 1988*

*University of Bologna Medical School*

*Score 70/70 with honors.*

*Medical Licensure ( Italy ) January 1981*

**EXPERIENCE**

*1980 - 1983 Research Fellow, department of Internal Medicine, University of Milano*

*1983- 1987 Clinical Assistant, department of Internal Medicine, San Raffaele University*

*Hospital, Milano, Italy. Responsibilities :Patient care in internal medicine department. Outpatient clinic for patients with Diabetes and metabolic diseases.*

*Supervision of medical school students and research fellows*

**1987- 1991** *Clinical Assistant, Department of Cardiology, San Raffaele University*

*Hospital, Milano, Italy. Responsibilities : patients care in standard and intensive care unit. Cardiac catheterization laboratory activity including diagnostic and interventional procedures. Pacemaker implant and follow up.*

**1991 - 1998** *Senior Registrar, Department of Cardiology, San Raffaele University*

*Hospital, Milano, Italy. Responsibilities : Head of Cardiac catheterization Laboratory. Training and supervision of staff.*

**1998 ongoing** *Associate Director, Department of Arrhythmology, San Raffaele University Hospital, Milano, Italy.*

*Responsibilities : Interventional procedures and devices implant.*

*Organization and supervision of clinical and interventional activity of the department. Training of students, fellows and junior staff.*

*Research procedures for clinical protocols and products evaluation.*

*Research procedures in Animal Lab*

## **RESEARCH AND TRAINING STAGES**

1986, April- November : Research fellow / Hon. Clinical assistant, Department Of Cardiology

Hammersmith Hospital, London, U.K.

1990 April - August : Research Fellow, Department of Cardiological Sciences, St. Georges Hospital, London, U.K.

1997 May Instituto do Coração (INCOR) , Sao Paulo, Brasil

### **PUBLICATIONS ON JURIED OR REFEREED JOURNALS**

1. **Santinelli V, Radinovic A, Manguso F, Vicedomini G, Gulletta S, G Paglino, Mazzone P, Ciconte G, Sacchi S, Sala S, Pappone C. The natural history of asymptomatic ventricular preexcitation. A long-term prospective follow-up study of 184 asymptomatic children. *J Am Coll Cardiol*. 2009; 53: 275-280.**
2. **Pappone C, Radinovic A, Manguso F, Vicedomini G, Sala S, Sacco FM, Ciconte G, Saviano M, Ferrari M, Sommariva E, Sacchi S., Ciaccio C. New-onset atrial fibrillation as first clinical manifestation of latent Brugada syndrome. Prevalence and clinical significance. In press. *Eur. Heart J*. 2009.**
3. **Santinelli V, Radinovic A, Manguso F, Vicedomini G, Ciconte G, Gulletta S, Paglino G, Sacchi S, Sala S, Ciaccio C, Pappone C. Asymptomatic ventricular preexcitation: A long-term prospective follow-up study of 293 adult patients. *Circ Arrhythmia Electrophysiol* 2009; 2:102-107.**
4. **Pappone C, Radinovic A, Manguso F, Vicedomini G, Ciconte G, Sacchi S, Mazzone P, Paglino G, Gulletta S, Sala S, Santinelli V. Atrial fibrillation progression and management. A 5-year prospective follow-up study. *Heart Rhythm*. 2008; 5 (11): 1501-1507.**
5. **Pappone C, Vicedomini G, Manguso F, Mazzone P, Gugliotta F, Sala S, Sora N, Paglino G, Gulletta S, Ciaccio C, Tortoriello V, Del Torchio S, Santinelli V. Robotic Magnetic Navigation for Atrial Fibrillation Ablation. *J Am Coll Cardiol*. 2006 Apr 7;47 (7): 1390-400.**
6. **Oral H, Pappone C, Chugh A, Good E, Bogun F, Pelosi F, Bates E , Lehmann M,**

**Vicedomini G, Augello G, Agricola E, Sala S, Santinelli V, Morady F. Circumferential pulmonary vein ablation for chronic atrial fibrillation: a randomized, controlled study. THE NEW ENGLAND JOURNAL OF MEDICINE 2006 Mar 2;354(9):934-941.**

7. **Lang CC, Gugliotta F, Santinelli V, Mesas C, Tomita T, Vicedomini G, Augello G, Gulletta S, Mazzone P, De Cobelli F, Del Maschio A, Pappone C. Endocardial impedance mapping during circumferential pulmonary vein ablation of atrial fibrillation differentiates between atrial and venous tissue. *Heart Rhythm*. 2006 Feb; 3 (2): 171-178**
8. **Mesas C.E, Augello G, Edward Lang,C.C, Gugliotta F, Vicedomini, G, Sora N, De Paola A.A.V, Pappone C. Electroanatomic remodeling of the left atrium in patients undergoing repeat pulmonary vein ablation: Mechanistic insights and implications for ablation. *J Cardiovasc Electr*. 2006, Dec; 17 (12): 1279-1285.**
9. **Pappone C, Augello A, Sala S, Gugliotta F, Vicedomini G, Gulletta S, Paglino G, Mazzone P, Sora N, Greiss I, Santagostino A, LiVolsi L, Pappone N, Radinovic A, Manguso F and Santinelli V. A Randomized Trial of Circumferential Pulmonary Vein Ablation versus Antiarrhythmic Drug Therapy in Paroxysmal Atrial Fibrillation. The Ablation for Paroxysmal Atrial Fibrillation (APAF) Study. *J Am Coll Cardiol*. 2006 Dec 5 ;48:2340-2347. Imp**
10. **Lang CC, Santinelli V, Augello G, Gulletta S, Sala S, Vicedomini G, Mazzone P, Pappone C Transcatheter Radiofrequency Ablation of atrial fibrillation in patients with mitral valve prostheses and enlarged atria:safety, feasibility and efficacy. *J Am Coll Cardiol*. 2005 Mar 15; 45 (6):868-872.**
11. **Pappone C, Santinelli V, Manguso F, Vicedomini G, Gugliotta F, Augello G, Mazzone P, Tortoriello V, Landoni G, Zangrillo A, Lang C, Tomita T, Mesas C, Mastella E, Alfieri O. Pulmonary vein denervation enhances long-term benefit after circumferential ablation for paroxysmal atrialfibrillation *Circulation*. 2004 Jan 27; 109 (3): 327-334.**
12. **Pappone C, Augello G, Rosanio S, Vicedomini G, Santinelli V, Romano M, Agricola E, Maggi F, Buchmayr G, Moretti G, Mika Y, Ben-Haim SA, Wolzt M, Stix G, Schmidinger H. First human chronic experience with cardiac contractility modulation by non-excitatory electrical currents for treating systolic heart failure. *J. Cardiovasc. Electr*. 2004; 15(4): 418-427.**
13. **Pappone C, Oral H, Santinelli V, Vicedomini G, Lang CC, Manguso F, Torracca**

L, Benussi S, Alfieri O, Hong R, Lau W, Hirata K, Shikuma N, Hall B, Morady F. Atrio-esophageal fistula as a complication of percutaneous transcatheter ablation of atrial fibrillation. *Circulation*. 2004 Jun 8;109 (22):2724-26.

14. Mesas CE, Pappone C, Lang CC, Gugliotta F, Tomita T, Vicedomini G, Sala S, Paglino G, Gulletta S, Ferro A, Santinelli V. Left atrial tachycardia after circumferential pulmonary vein ablation for atrial fibrillation: Electroanatomic characterization and treatment. *J Am Coll Cardiol*. 2004 Sept 1; 44 (5): 1071-1079.
15. Pappone C, Manguso F, Vicedomini G, Sala S, Paglino G, Mazzone P, Lang CC, Gulletta S, Augello G, Santinelli V. Radiofrequency Ablation in Children with Asymptomatic Wolff-Parkinson-White Syndrome. *The NEW ENGLAND JOURNAL OF MEDICINE* 2004 Sept 16;351 (12): 1197-1205.
16. Pappone C, Manguso F, Vicedomini G, Gugliotta F, Santinelli O, Ferro A, Sala S, Sora N, Paglino G, Augello G, Agricola E, Zangrillo A, Alfieri O, Santinelli V. Prevention of Iatrogenic Atrial Tachycardia following ablation of Atrial Fibrillation. A prospective randomized study comparing circumferential pulmonary vein ablation with a modified approach. *Circulation*. 2004 Nov 9; 110 (19): 3036-3042.
17. Pappone C, Santinelli V, Rosanio S, Vicedomini G, Nardi S, Pappone A, Tortoriello V, Manguso F, Mazzone P, Gulletta S, Oreto G, Alfieri O. Usefulness of invasive electrophysiologic testing to stratify the risk of arrhythmic events in asymptomatic patients with Wolff-Parkinson-White Pattern. Results from a large prospective long-term follow-up study. *J Am Coll Cardiol*. 2003; 41, 2: 239-244.
18. Pappone C, Vicedomini G, Augello G, Nardi S, Mazzone P, Rosanio S. Combining electric therapies for advanced heart failure: The Milan experience with biventricular pacing-defibrillation backup combination for primary prevention of sudden cardiac death. *Am J Cardiol*. 2003 May 8; 91(9A):74-80.
19. Pappone C, Rosanio S, Augello G, Gallus G, Vicedomini G, Mazzone P, Gulletta S, Gugliotta F, Pappone A, Santinelli V, Tortoriello V, Sala S, Zangrillo A, Crescenzi G, Benussi S, Alfieri O. Mortality, Morbidity and Quality of Life after Circumferential Pulmonary Vein Ablation for Atrial Fibrillation. Outcomes from a Controlled not Randomized Long-Term Study. *J Am Coll Cardiol*. 2003 Jul 16; 42 (2):185-197.

20. **Pappone C, Santinelli V, Manguso F, Augello G, Santinelli O, Vicedomini G, Gulletta G, Mazzone P, Tortoriello V, Pappone A, Dicandia C, and Rosanio S.** A Randomized Study of Prophylactic Catheter Ablation in Asymptomatic Patients with the Wolff-Parkinson-White Syndrome. *THE NEW ENGLAND JOURNAL OF MEDICINE*. 2003 Nov 6; 349:1803-1811.
21. **Pappone C, Rosanio S, Burkhoff D, Mika Y, Vicedomini G, Augello G, Shemer I, Prutchi D, Haddad W, Aviv R.** Cardiac contractility modulation by electrical currents applied during the refractory period in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy. *Am J Cardiol*. 2002;90:1307-1313.
22. **Pappone C, Vicedomini G, Salvati A, Meloni C, Haddad W, Aviv R, Mika Y, Kronzon I.** Electrical modulation of cardiac contractility: Clinical aspects in congestive heart failure. *Heart Fail Rev*. 2001 Jan; 6: 55-60.
23. **Pappone C, Oreto G, Rosanio S, Vicedomini G, Tocchi M, Gugliotta F, Salvati A, Dicandia C, Calabro MP, Mazzone P, Ficarra E, Di Gioia C, Gulletta S, Nardi S, Santinelli V, Benussi S, Alfieri O.** Atrial electroanatomic remodeling after circumferential radiofrequency pulmonary vein ablation. *Circulation*. 2001; 104 (21):2539-2544, 2001.
24. **Pappone C, Rosanio S, Oreto G, Tocchi M, Salvati A, Dicandia C, Mazzone P, Santinelli V, Gulletta S, Vicedomini G.** Circumferential Radiofrequency Ablation of Pulmonary Vein Ostia: A New Anatomic Approach for Curing Atrial Fibrillation. *Circulation*. 2000 Nov 21; 102 (21): 2619-2628.
25. **Pappone C, Oreto G, Lamberti F, Vicedomini G, Loricchio ML, Shpun S, Rillo M, Calabro MP, Conversano A, Ben-Haim SA, Cappato R, Chierchia S.** Catheter ablation of paroxysmal atrial fibrillation using a 3D mapping system. *Circulation*. 1999 Sept 14; 100 (11):1203-1208.
26. **Anzuini A, Rosanio S, Legrand V, Tocchi M, Coppi R, Marrazzi G, Vicedomini G, Pagnotta P, Montorfano M, Bonnier H, Sheiban I, Kulbertus HE, Chierchia SL.** Immediate and long term clinical and angiographic results of the Wiktor stent in the treatment of chronic total occlusions. *G .Ital. Cardiol*. 1997 Sep; 27(9) : 881-91
27. **Steffenino G, Dellavalle A, Chierchia S, Vicedomini G, Fontanelli A, Parodi O, Niccoli L, Etori E, Repetto S, Castiglioni B, Risica G, Giommi L.** The Registry for Angioplasty in Infarction ( RAI ): brief preliminary report of the main

*indicators and process of acute outcome. G. Ital. Cardiol. 1997 Jun;27 (6) : 563-8*

28. *Margonato A, Mailhac A, Bonetti F, Vicedomini G, Fragasso G, Landoni C, Lucignani G, Rossetti C, Fazio F, Chierchia SL. Exercise induced ischemic arrhythmias in patients with previous myocardial infarction: role of perfusion and tissue viability. J Am Coll Cardiol. 1996 Mar 1;27(3): 593-8*
29. *Margonato A, Bonetti F, Mailhac A, Vicedomini G, Cianflone D, Chierchia SL. Intravenous nitroglycerin suppresses exercise induced arrhythmias in patients with ischaemic heart disease: implications for long term treatment. Eur heart J. 1991 Dec; 12 (12): 1278-82*
30. *Salvati P, Chierchia SL, Dho L, Ferrario RG, Parenti P, Vicedomini G, Patrono C. Proarrhythmic activity of intracoronary endothelin in dogs: relation to the site of administration and to changes in regional flow. I cardiovasc Pharmacol 1991 Jun ; 17 (6): 1007-14*
31. *Margonato A, Gerundini P, Vicedomini G, Gilardi MC, Pozza G, Fazio F. Abnormal cardiovascular response to exercise in young asymptomatic diabetic patients with retinopathy. Am Heart J. 1986 Sep; 112(3): 554-60*
32. *Gerundini P, Savi A, Gilardi MC, Margonato A, Vicedomini G, Zecca L, Hirth W, Libson K, Bhatia JC, Fazio F. Evaluation in dogs and humans of three potential technetium-99m myocardial perfusion agents. J. Nucl Med. 1986 Mar;27(3):409-16*
33. *Caviezel F, Margonato A, Slaviero G, Bonetti F, Vicedomini G, Cattaneo AG, Pozza G. Early improvement of left ventricular function during caloric restriction in obesity. Int J Obes. 1986;10(6):421-6*