

CURRICULUM VITAE

Angelo Auricchio, M.D., Ph.D., F.E.S.C



PERSONAL

Citizenship status Italian
Date of birth August 24th, 1960
Place of birth Terzigno, Italy

Marital status Married, 3 children

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Istituto Cardiocentro Ticino
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EDUCATION

1979 – 1985 Medical School, Federico II - University of Naples, Italy
1985 – 1989 Specialization in Cardiology, Federico II - University of Naples, Italy
1991 – 1994 Dottorato di Ricerca in Fisiopatologia Cardiovascolare, University of Rome “Tor Vergata”, Rome, Italy

TRAINING

Internship

1981 – 1983 Department of Microbiology, University of Naples, Italy
1983 – 1985 Department of Metabolic Diseases, University of Naples, Italy

Internal Medicine Resident

1985 – 1986 Department of Internal Medicine, University Hospital, Naples, Italy

Cardiology Fellow

1986 – 1988 Division of Cardiology, University Hospital, Naples, Italy
1988 – 1991 Division of Cardiology, University Hospital, Hannover, Germany

CERTIFICATION

1985	MD – degree, Naples, Italy
1988	Board of Cardiology, Naples, Italy

HOSPITAL APPOINTMENTS

1986 – 1988	Assistant Staff Physician, University Hospital, Naples, Italy
1988 – 1991	Assistant Staff Physician, University Hospital, Hannover, Germany
1991 – 1994	Attending Physician, Division of Cardiac Surgery, University Hospital Rome, Italy
VI-VIII 1994	Visiting Physician, Ziekenhuis Aalst, Aalst, Belgium
1994 – 2005	Director, Cardiac Catheterization Laboratory, University Hospital Magdeburg, Germany
Since 2006	Director, Clinical Electrophysiology Unit, Cardiocentro Ticino, Lugano, Switzerland
Since September 2020	Deputy Head of Cardiology, Cardiocentro Ticino, Lugano, Switzerland

HOSPITAL DUTIES

Cardiac Catheterization	Routine cardiac catheterization procedures, including emergency cardiac catheterization for acute myocardial infarction and angioplasty
Cardiac Electrophysiology	Electrophysiological studies, including transcatheter ablation of different cardiac arrhythmias. Implantation of cardioverter-defibrillator, pacemaker including leadless devices, cardiac resynchronization device, implantable loop recorder, device for sleep-disordered breathing
Outpatient clinic	Follow-up of patients with implantable devices

ACADEMIC APPOINTMENTS

30.10.1985	Degree “Medico-Chirurgo” (Dr.), University of Naples, Italy
20.11.1995	Degree “Dottore di Ricerca” (Ph.D.), University of Rome, Italy
05.09.2000	Degree Doctor habilitatus, Venia legendi (Privatdozent), University of Magdeburg, Germany
2000 – 2006	Part-time professor, Cardiology, University of Varese
2006 – 2012	Part-time professor, Cardiology, University of LAquila
08.12.2008	Professor (Ausserplanmässiger Professor), University of Magdeburg, Germany
Since 2008	Scientific Director, Fondazione Ticino Cuore, Lugano, Switzerland
Since 2014	Co-Director Center for Computational Medicine in Cardiology, Università della Svizzera Italiana, Lugano, Switzerland
Since 2015	Anchor Person Module 6 - Diploma in Advanced Studies in Cardiac Arrhythmia Management. University of Maastricht, The Netherlands

2016	Doctor Honoris Causa, Universidad de San Pablo Tucuman, Argentina
2017	Professor of Medicine, Faculty of Biomedical Sciences, Università della Svizzera italiana, Lugano, Switzerland

PERSONAL AWARD

1991	Young Investigator Award. North American Society of Pacing and Electrophysiology
2005	Fritz Acker Award, Deutsche Gesellschaft für Kardiologie

PERSONAL GRANTS

1989	Grant of the German Exchange Educational Program, Division of Cardiology, University of Hannover (Medizinische Hochschule Hannover), Germany
1989 – 1990	Grant of the Italian Ministry of Education - Branch University, Division of Cardiology, University of Hannover (Medizinische Hochschule Hannover), Germany

TEACHING & EDUCATIONAL ACTIVITIES

Since 1987	Training EKG course for medical students
1991 – 1994	Lectures and seminars for medical students – Pathophysiology of Heart and Circulation – (University of Magdeburg)
1994 – 2005	Lectures and seminars for medical students (University of Magdeburg) Lectures and seminars for nurses (University of Magdeburg) Training course for paramedics and physician for regional (Sachsen-Anhalt) emergency ambulance network (University of Magdeburg) Educational lectures for non-medical community
Since 2006	Lectures for Cardiology fellow at the University of L'Aquila
Since 2015	Full-immersion course in cardiology. A course for medical students at 5th or 6th year of medicine at Klinik für Kardiologie, Angiologie und Pneumologie der Medizinische Fakultät - Otto-von-Guericke Universität Magdeburg

Mentor activities

Since 2000	Medical students, University Hospital, Magdeburg, Germany M.D. Thesis in Clinical Electrophysiology and Heart Failure - 1 to 2 published thesis per year, PhD Thesis in Clinical Electrophysiology and Heart Failure for foreign students - 1 to 2 published thesis per year
2000 – 2005	Erasmus Program – Università dell'Aquila, Italy

SCIENTIFIC ACTIVITIES

Main research areas	Clinical Electrophysiology Heart Failure Computer modelling and simulation Sudden cardiac death prevention
Secondary research area	Interventional cardiology
Publications	Book Editor: 6 Original articles and book chapters: 396 Average Citations per Pub.: 118 RCR: mean 5.53 H-index (SCOPUS; 27.04.2022): 76

FUNDINGS OF OWN RESEARCH ACTIVITIES

2011 – 2013	Commission of Innovation and Technology (CTI) project “Markers for risk to develop atrial fibrillation based on a new electrocardiographic tool” (13376.1 PFFLE-LS) together with Prof. Dr. R. Krause (USI), Prof. Dr. M. Potse (USI), Schiller AG Baar, Dr. J-M Vesin (EPF Lausanne). CHF 439.200.
2011 – 2013	Swiss National Supercomputing Centre (CSCS) project “Sensitivity analysis of Electrocardiograms Simulated with a Realistic Large-Scale Heart Model” together with Prof. Dr. R. Krause (USI), Prof. Dr. M. Potse (USI). 800.000 hours computing time at CSCS.
2012	Swiss Heart Foundation “Imagerie par ECG du remodelage cardiaque sous traitement de resynchronisation”. CHF 80.000.
2012	Swiss National Supercomputing Centre (CSCS) project “Electrophysiology of Heart Failure” together with Prof. Dr. R. Krause (USI), Prof. Dr. M. Potse (USI). 720.000 hours computing time at CSCS.
2013 – 2015	Swiss National Science Foundation (SNSF) “Autonomic Function and Cardiovascular Risk in Restless Legs Syndrome: the AUTOREST Study” (SNF number: 2013DR4121) together with Dr. M. Manconi (Neurocentro). CHF 276.000.
2014	Swiss Heart Foundation “ECG – imaging of left ventricular electrical remodelling“. CHF 45.000.
2014	Establishment of the “Center for Computational Cardiology in Medicine” (CCMC) together with Prof. Krause (USI). CHF 2.000.000.
2014 – 2017	Swiss National Science Foundation (SNSF) “A Flexible High Performance Approach to Cardiac Electomechanics” (snfproject 205321_149828) together with Prof. Dr. R. Krause (USI), Prof. Dr. M. Potse (USI). CHF 163.000.
2015	Swiss National Science Foundation “Swiss Atrial Fibrillation Cohort” (SNF number: 33CS30_148474/1) together with Prof. Conen (University of Basel). CHF 250.000.
2015	Swiss Heart Foundation “An analysis of incidence and outcome of out-of-hospital cardiac arrest in Canton Ticino over the past decade (TIRECA study). CHF 60.000.

2015	Innovative Training Network (ITN) Call: H2020-MSCA-ITN-2015 with the project “European Training Network in Novel Targets and Methods in Atrial Fibrillation (Afib-TrainNet)”.
2015	ERA.NET CoSysMed ID:82 with the project “System Medicine for diagnosis and stratification of atrial fibrillation”.
2016	Swiss Heart Foundation “In-vivo assessment of electro-mechanical delay in heart failure patients”. CHF 60.000.
2016 – 2019	Swiss National Science Foundation (SNSF) “Novel electro-mechanical phenotyping of heart failure patients candidate for CRT”. CHF 286.603.
2017	Swiss Heart Foundation “Spatial statistical methods to optimize the location of Public Access Defibrillator and Emergency Medical System to improve survival of Out-of-Hospital Cardiac Arrest”. CHF 96.500.
2019	Swiss Heart Foundation “Lay people involvement in out-of-hospital cardiac arrest resuscitation: strategies for improvement and impact on survival”. CHF 50.000.
2019	Innovative training network (IT) with the project “Personalized Therapies for Atrial Fibrillation. A Translational Approach signals (PersonalizeAF)”

PROFESSIONAL AFFILIATIONS

Fellow of	European Society of Cardiology European Heart Rhythm Association
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COMMITTEE SERVICE

1998 – 2002	Member of the Study Group on Advanced Heart Failure of the European Society of Cardiology
1998 – 2005	Member of International Office, Otto-von-Guericke University, Magdeburg, Germany
2002 – 2003	Member of the 25th Anniversary Task Force for NASPE
2002 – 2005	Member of the Working Group on Cardiac Pacing of the European Society of Cardiology
2003 – 2006	Member of Task Force for Guidelines in Pacing and Cardiac Resynchronization Therapy, European Society of Cardiology
2003 – 2010	Member of School of Master in Electrophysiology, University of Insubria, Varese, Italy
2005 – 2007	Chairman, Scientific Initiatives Committee, European Heart Rhythm Association (EHRA)
2006 – 2008	Member, Research & Training Grants, European Society of Cardiology
2006 – 2008	Member of the Task Force for Guidelines on Acute and Chronic Heart Failure, European Society of Cardiology (ESC)
2007	Co-chair (EHRA), HRS-EHRA Task Force on Implantable Cardiac Device Monitoring

2007 – 2009	Chairman, Scientific Documents Committee, European Heart Rhythm Association
2008 – 2010	Member of Clinical Practice Guidelines Committee, European Society of Cardiology
2008 – 2010	Member of Guidelines the Task Force for Guidelines on Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery, European Society of Cardiology
2008 – 2010	Member of the Task Force for Focused Update of ESC Guidelines on device therapy in heart failure: an update of the 2008 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure and the 2007 ESC Guidelines for cardiac and resynchronization therapy
2008 – 2010	Member of the Task Force on Guidelines on management of acute coronary syndromes in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC)
2008 – 2012	Independent Physician Quality Panel (Medtronic)
2009 – 2011	President-Elect, European Heart Rhythm Association
2010 – 2012	Member of the Task Force for the management of dyslipidaemias of the European Society of Cardiology (ESC) and the European Atherosclerosis Society (EAS)
2010 – 2012	Member of the Task Force for Guidelines on the Diagnosis and Treatment of Peripheral Artery Diseases of the European Society of Cardiology (ESC)
2010 – 2012	Member of the Task Force for Guidelines on the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology
2010 – 2012	Member of the Task Force for Guidelines on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC)
2011 – 2013	President, European Heart Rhythm Association, a branch of the European Society of Cardiology
2013 – 2015	Immediate Past-President, European Heart Rhythm Association
2014 – 2016	Member of Congress Programme Committee of the European Society of Cardiology
Since 2018	Member of evaluation panel SNSF PRIMA

COMMITTEE SERVICE IN INTERNATIONAL MULTICENTER STUDIES

1994 – 2002	Executive Committee Member of the PATH-CHF I and II Trial (Guidant)
1999 – 2004	Executive Committee Member of the PACMAN Trial (Guidant)
2000	Advisor – Acorn Trial
2002 – 2004	Executive Committee Member of the REBEAT Trial (Guidant)

2004	Advisor – Paracor Trial
2008 – 2013	Clinical Event Committee: Echo CRT Trial
2009	Steering Committee: AV-Opt (Biotronik GmbH)
2009 – 2014	Steering Committee: PainFree Study (Medtronic)
2009 – 2014	Steering Committee: Clepsydra Study (Sorin)
2010 – 2013	Steering Committee: WISE-CRT (EBR System)
2012 – 2014	Steering Committee: RIVELA Study (St. Jude Medical)
2012 – 2016	Steering Committee: TRICHAMPION (St. Jude Medical)
2015 – 2016	Steering Committee: TREAT-CSA (Respicardia/Liva Nova)
2012 – today	Steering Committee: RESHAPE (Abbott)
2012 – 2018	Steering Committee: ADVANCED CRT (St-Jude Medical)
2015 – 2017	Steering Committee: CRICKET (Liva Nova)
2015 – today	Steering Committee: CRT Survey II (European Heart Rhythm Association)
2016 – today	Steering Committee: BackBeat study (BackBeat)
2016 – 2018	Steering Committee: Synchro (Livanova)
2016 – today	Steering Committee: SMART-CRT (Boston Scientific)

EDITORIAL AND REVIEW ACTIVITIES

Editorial board member

2004 – 2011	Heart Failure Contact
2005 – 2010	Journal of International Cardiac Electrophysiology
2005 – 2011	European Journal of Heart Failures
2005 – 2012	Journal of Arrhythmia
2006 – today	EP-Europace (Review Editor)
2008 – 2013	Cardiovascular Drugs & Therapy
2009 – 2012	European Cardiology
2010 – 2011	Circulation Journal
2010 – today	Journal of Cardiovascular Medicine
2010 – today	Innovation in CRM Management
2011 – 2019	Arrhythmia and Electrophysiology Review (Section Editor)
2011 – today	Journal of Cardiovascular Translational Research
2013 – 2014	Cardiovascular Medicine
2015 – today	JACC EP (Guest Editor)
2017 – today	Circulation Arrhythmia and Electrophysiology
2018 – today	Journal of Cardiovascular Electrophysiology (Section Editor)
2019 – today	Arrhythmia Academy (Editor-in-Chief)
2019 – today	Reviewer SNSF Postdoc Mobility Programme
2020 – today	Reviewer SNSF Eccellenza Professional Fellowship
2022 – today	Journal of Clinical Medicine

Review activities (peer review journal)	American Journal of Cardiology
	Circulation
	Europace
	European Journal of Heart Failure

Journal of the American College of Cardiology
Journal of Cardiovascular Electrophysiology
Journal of International Cardiac Electrophysiology
Journal of Cardiovascular Medicine
Lancet
New England Journal of Medicine

Review activities (congress) European Heart Rhythm Association
European Society of Cardiology
Heart Rhythm Society

PATENTS

Granted

US 5,935,160 Left ventricular access lead for heart failure pacing
US 6,666,826 Method and apparatus for measuring left ventricular pressure
US 6,766,189 Method and apparatus for predicting acute response to cardiac resynchronization therapy
US 6,915,160 Dynamically optimized multisite cardiac resynchronization device
US 6,990,375 Adjustment of the breakpoint of the rate response curve based on minute ventilation values
US 7,409,244 Method and apparatus for adjusting interventricular delay based on ventricular pressure
US 7,676,259 Dynamically optimized multisite cardiac resynchronization device
US 8,170,652 Method and apparatus for predicting acute response to cardiac resynchronization therapy
US 8,571,657 Heart failure therapy adjustment based on ventricular pressures
EU 13156624.2 System for leadless pacing of the heart
US 15/614,111 Integrated assessment of electrical activation and myocardial strain

Submitted

US 15/589,606 Trans-septal implantable medical device
US 62/334,156 Implantable medical device for vascular deployment

1. **A. Auricchio**, S. Gualtieri, C. Pisacane, S. Buono, A. Magliaro, C. Cioppa, P. Coppolino, A. Iacono: Valutazione ecocardiografica della compliance Protodiastolica ventricolare sinistra in soggetti con porfiria cutanea tarda. *Acta Cardiol Medit.* 1985; 3: 453-459 [no IF]
2. P. Vitale, D. De Stefano, **A. Auricchio**: Possibile pericolosità dell'amiodarone per via endovenosa rapida nel corso di tachicardie da rientro in soggetti con Wolff-Parkinson-White. *G Ital Cardiol.* 1986; 11: 969-974 [no IF]
3. A. Auricchio, D. De Stefano, M. G. David: Ripercussioni cardiocircolatorie generali nell'insufficienza respiratoria cronica. *Minerva Medica.* 1986; 77: 2293-2298 [no IF]
4. P. Vitale, D. De Stefano, **A. Auricchio**: Trattamento con flecainide in soggetto con Wolff-Parkinson-White. *G Clinica Fisiopat Cardiovas.* 1987; 6: 49-53 [no IF]
5. P. Vitale, **A. Auricchio**, D. De Stefano, A. Agretto, R. De Simone, N. Vitale, F. Barbato, A. Iacono: Efficacia del diltiazem nel controllare la risposta ventricolare e migliorare la capacità di esercizio nella fibrillazione atriale cronica. Studio in doppio cieco, crossover. *Cardiologia.* 1989; 34: 73-81 [no IF]
6. F. Furlanello, R. Bettini, G. Vergara, A. Carozzi, R. Antolini, W. J. Irler, **A. Auricchio**: Efficacia e sicurezza della flecainide in pazienti con battiti ectopici ventricolari stabilizzati. *G Ital Cardiol.* 1989; 14: 230-238 [no IF]
7. S. Jost, G. Reil, W. Rafflenbeul, **A. Auricchio**, R. Frombach, D. Gulba, H. Hecker, P. Lichtlen: Coronary vasodilation with nitrocompounds - is there a maximum? *Z Kardiol.* 1989; 78: 38-40 [IF 1989: 0.827]
8. **A. Auricchio**, P. Vitale: Antiarrhythmic efficacy of propafenone at moderate dosage in patients with ventricular arrhythmias. *New Trends in Arrhythmias.* 1989; 5: 261-270 [no IF]
9. **A. Auricchio**, H. Klein, H. J. Trappe, I. Becht, P. Wenzlaff, A. Iacono : La sincope in pazienti con Wolff-Parkinson-White: rilievi clinici, substrato elettrofisiologico e valore prognostico. *Cardiologia.* , 1989; 34: 879-884 [no IF]
10. H. J. Trappe, H. Klein, P. Wenzlaff, **A. Auricchio**, J. Tröster, P. Lichtlen: Katheterablation arrhythmogener Areale: Bedeutung von Grunderkrankung und Ablationsort für Prognose und Verlauf. *Herzschr Elektrophys.* 1990; 1: 125-130 [no IF]
11. **A. Auricchio**, H. J. Trappe, I. Becht, P. Wenzlaff, S. König, H. Klein: Syncope in Wolff-Parkinson-White syndrome: incidence and electrophysiologic correlates. *New Trends in Arrhythmias.*, 1990; 6: 253-256 [no IF]
12. H. Klein, H. J. Trappe, J. Tröster, **A. Auricchio**, F. Siclari: Non-pharmacological treatment of ventricular tachyarrhythmias. *Clinical Aspects. New Trends in Arrhythmias.*, 1990; 6: 35-46 [no IF]

13. F. Siclari, H. Klein, H. J. Trappe, **A. Auricchio**: Non-pharmacological treatment of recurrent sustained ventricular tachycardias. The role of surgery. *New Trends in Arrhythmias.*, 1990; 6: 47-54 [no IF]
14. **A. Auricchio**, H. Klein, H.J. Trappe, J. Tröster, P. Wenzlaff: Significato prognostico della sincope in pazienti con sindrome di Wolff-Parkinson-White. *G Ital Cardiol.* 1990; 20: 1144-1149 [no IF]
15. **A. Auricchio**, S. Jost, B. Ruggiero, P. Vitale, A. Iacono: Relazione tra profilo aritmico, funzione ventricolare sinistra e morte improvvisa nel periodo post-infartuale di pazienti rianimati da un arresto cardiaco. *Cardiologia.* 1990; 35: 295-302 [no IF]
16. H.J. Trappe, H. Klein, G. Frank, F. Siclari, P. Wenzlaff, J. Tröster, A. Auricchio, P. Lichtlen: Die Bedeutung von Morphologie und Ursprungsort von Kammertachykardien für den Therapieverlauf nach chirurgischer Resektion arrhythmogener Areale. *Herzschr Elektrophys.* 1990; 1: 73-81 [no IF]
17. P. Vitale, N. Vitale, **A. Auricchio**, C. Nave: Blocco atrioventricolare infrahisiano 2:1 durante tachicardia da movimento circolare intranodo AV. Descrizione di un caso clinico. *Il Cuore.* 1991; 8: 703-707 [no IF]
18. **A. Auricchio**, H. Klein, H. J. Trappe, P. Wenzlaff: Lack of prognostic value of syncope in patients with Wolff-Parkinson-White syndrome. *J Am Coll Cardiol.* 1991; 17: 152-158 [IF 1991: 6.114]
19. **A. Auricchio**, H. Klein, H. J. Trappe, R. Salo: Effect on ventricular performance of direct current electrical shock for catheter ablation of the atrioventricular junction. *PACE Pacing Clin Electrophysiol.* 1992; 15: 344-356 [IF 1992: 1.491]
20. H. J. Trappe, H. Klein, **A. Auricchio**, P. Wenzlaff, P. Lichtlen: Catheter ablation of ventricular tachycardia: Role of the underlying etiology and the site of energy delivery. *PACE Pacing Clin Electrophysiol.* 1992;15: 411-424 [IF 1992: 1.491]
21. B. Heublein, **A. Auricchio**, I. Wagenbrecht, A. Haverich, H. Dietrich: Evaluation of the inotropic function at rest and the effect of enoximone in heart transplanted recipients: assesment by left ventricular end-systolic pressure volume relation. *J Cardio Surg.* 1992; 33: 21-28 [IF 1992: 0.392]
22. H. J. Trappe, H. Klein, **A. Auricchio**, P. Wenzlaff, P. Lichtlen: Catheter ablation of ventricular tachycardia: Long-term follow-up and predictors of success. *New Trends in Arrhythmias.* 1992; 20: 35-38 [no IF]
23. **A. Auricchio**: Reversible protective effect in controlling heart rate during atrial fibrillation by exercise in patients with an accessory atrioventricular connection treated with propafenone or flecainide. *Am Heart J.* 1992; 124: 932-937 [IF 1992: 1.526]
24. L. Sommariva, A. Auricchio, P. Polisca, A. Penta de Peppo, L. Chiariello: Atrial myxoma at unusual site. *Am Heart J.* 1993; 125: 1003-1005 [IF 1993: 1.542]

25. **A. Auricchio**, L. Sommariva, R. Salo, A. Scafuri, L. Chiariello: Improvement of cardiac function in patients with severe congestive heart failure and coronary artery disease by dual chamber pacing with shortened AV-delay. *PACE Pacing Clin Electrophysiol.* 1993; 16: 2034-2043 [IF 1993: 1.514]
26. **A. Auricchio**, U. Auricchio, L. Chiariello: Partial reversal by exercise of protective effect in atrial fibrillation inducibility in patients with an accessory atrioventricular connection: comparison between flecainide and propafenone. *G Ital Cardiol.* 1994; 24: 131-136 [no IF]
27. **A. Auricchio**, U. Auricchio, A. Scafuri, S. Fratini, L. Chiariello: Arrhythmic symptoms and events in patients wearing an implantable automatic defibrillator. *G Ital Cardiol.* 1994; 24: 1567-1573 [no IF]
28. **A. Auricchio**, A. Scafuri, U. Auricchio, S. Fratini, L. Chiariello: Clinical value of intracavitary electrograms stored by implantable automatic defibrillator in patients resuscitated after cardiac arrest. *Cardiologia.* 1995; 40: 31-39 [IF 1995: 0.425]
29. **A. Auricchio**, H. Klein: Multiple chambered pacing for treatment of congestive heart failure. *PACE Pacing Clin Electrophysiol.* 1995; 18: 750-751 [IF 1995: 1.79]
30. H. Klein, **A. Auricchio**, E. Huvelle, S. Nisam: Initial clinical experience with a new downsized implantable cardioverter-defibrillator. *Am J Cardiol.* 1996; 78: 9-14, [no IF]
31. **A. Auricchio**, W. Hartung, C. Geller, H. Klein: Clinical relevance of stored electrograms for implantable cardioverter-defibrillator (ICD) troubleshooting and understanding of mechanisms for ventricular tachyarrhythmias. *Am J Cardiol.* 1996; 78: 33-41 [IF 1996: 2.373]
32. **A. Auricchio**, H. Klein: Dual-chamber pacing in dilated cardiomyopathy: insufficient sample size, heterogeneous population and inappropriate end point may lead to erroneous conclusions. *J Am Coll Cardiol.* 1996; 27: 1548-1549 [IF 1996: 5.988]
33. A. Auricchio, H. Klein: Circadian variations of ventricular tachyarrhythmias detected by the implantable cardioverter-defibrillator. *G Ital Cardiol.* 1997; 27: 113-122 [no IF]
34. **A. Auricchio**, H. Klein, W. Hartung: Problems and pitfalls in studies evaluating benefits of pacing for heart failure. *G Ital Cardiol.* 1997; 27: 593-599 [no IF]
35. A. Auricchio, R.W. Salo: Acute hemodynamic improvement by pacing in patients with severe congestive heart failure. *PACE Pacing Clin Electrophysiol.* 1997; 20: 313-324 [IF 1997: 1.703]
36. C. Geller, **A. Auricchio**, A. Goette: What is the mechanism of the wide QRS tachycardia? *J Cardiovasc Electrophysiol.* 1998; 9: 787-789 [IF 1998: 2.076]
37. C. Geller, A. Goette, MD Carlson, H.D. Esperer, W. Hartung, A. Auricchio, H. Klein: An increase in sinus rate following radiofrequency energy application in the posteroseptal space. *PACE Pacing Clin Electrophysiol.* 1998; 21: 303-307 [IF 1998: 1.301]

38. **A. Auricchio**, H. Klein, CJ. Geller, S. Reek, MS. Heilman, SJ. Szymkiewicz: Clinical efficacy of the wearable cardioverter-defibrillator in acutely terminating episodes of ventricular fibrillation. *Am J Cardiol.* 1998; 81: 1253-1256 [IF 1998: 2,137]
39. JC. Geller, **A. Auricchio**, A. Goette, HU. Klein: Differentialdiagnose einer regelmäßigen Tachykardie mit Linksschenkelblockartigem Kammerkomplex an Hand eines ungewöhnlichen Falles. *Herzschr. Elektrophys.* 1998; 9: 134-139 [No IF]
40. C. Butter, **A. Auricchio**, T. Schwarz, E. Fleck, B. Schubert, W. Hsu, U. Michel, J. Neuzner: Clinical evaluation of a prototype passive fixation dual chamber single pass lead for dual chamber ICD systems. *PACE Pacing Clin Electrophysiol.* 1999; 22: 169-173 [IF 1999: 1,468]
41. H. Klein, **A. Auricchio**, S. Reek, C. Geller: New primary prevention trials of sudden cardiac death in patients with left ventricular dysfunction; SCD-Heft and MADIT-II. *Am J Cardiol.* 1999; 83: 91D-97D [IF 1999: 2,361]
42. **A. Auricchio**, H. Klein, B. Tockman, S. Sack, C. Stellbrink, J. Neuzner, A. Kramer, J. Ding, T. Pochet, A. Maarse, J. Spinelli: Transvenous biventricular pacing for heart failure: can the obstacles be overcome? *Am J Cardiol.* 1999; 83: 136D-142D [IF 1999: 2,361]
43. C. Stellbrink, **A. Auricchio**, B. Diem, O.A. Breithardt, M. Kloss, FA. Schöndube, H. Klein, BJ. Messmer, P. Hanrath: Potential benefit of biventricular pacing in patients with congestive heart failure and ventricular tachyarrhythmia. *Am J Cardiol.* 1999; 83: 143D-150D [IF 1999: 2,361]
44. **A. Auricchio**, H. Klein, J. Spinelli: Pacing for heart failure: selection of patients, techniques and benefits. *Eur Heart Failure J.* 1999; 1: 275-279 [no IF]
45. **A. Auricchio**, H. Klein: Electromechanical resynchronization with sequential heart stimulation. A new non-pharmacologic treatment for advanced heart failure. Physiopathologic features and clinical results. *Cardiologia.* 1999; 44: 495-498 [IF 1999: 0,739]
46. **A. Auricchio**, C. Stellbrink, S. Sack, M. Block, J. Vogt, P. Bakker, P. Mortensen, H. Klein: The Pacing Therapies for Congestive Heart Failure (PATH-CHF) study: rationale, design and endpoints of a prospective randomized multicenter study. *Am J Cardiol.* 1999; 83: 130D-135D [IF 1999: 2,361]
47. **A. Auricchio**, C. Stellbrink, M. Block, S. Sack, J. Vogt, P. Bakker, H. Klein, A. Kramer, J. Ding, R. Salo, B. Tockman, T. Pochet, J. Spinelli: Effect of pacing chamber and atrioventricular delay on acute systolic function of paced patients with congestive heart failure. *Circulation.* 1999; 99: 2993-3001 [IF 1999: 9,903]
48. OA. Breithardt, C. Stellbrink, A. Franke, **A. Auricchio**, E. Huvelle, S. Sack, P. Bakker, P. Hanrath: Echocardiographic evidence of hemodynamic and clinical improvement in patients paced for heart failure. *Am J Cardiol.* 2000; 86: K133-K137 [IF 2000: 2,762]
49. **A. Auricchio**, H. Klein: Arrhythmias in heart failure. Current treatment options in cardiovascular medicine. 2000; 2: 329-339 [no IF]

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