

## CURRICULUM VITAE

---

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

---



### PERSONAL

---

Citizenship status Italian  
Date of birth August 24<sup>th</sup>, 1960  
Place of birth Terzigno, Italy

Marital status Married, 3 children

Mailing address Division of Cardiology  
Istituto Cardiocentro Ticino  
Via Tesserete 48  
CH-6900 Lugano  
Switzerland

Business Phone + 41 91 811 53 40  
Fax + 41 91 811 52 13  
Email [angelo.auricchio@eoc.ch](mailto:angelo.auricchio@eoc.ch)  
Languages Italian, English, and German

OrCID <https://orcid.org/0000-0003-2116-6993>

### 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: 411 Total number of citations: 50.569 H-index (SCOPUS, 18.08.2022): 78

## 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” (snf project 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
-----------	---

## 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 – 2022	EP Europace (Review Editor)
2008 – 2013	Cardiovascular Drugs & Therapy
2009 – 2012	European Cardiology
2010 – 2011	Circulation Journal
2010 – today	Journal of Cardiovascular Medicine
2010 – 2020	Innovation in CRM Management
2011 – 2019	Arrhythmia and Electrophysiology Review (Section Editor)
2011 – 2018	Journal of Cardiovascular Translational Research
2013 – 2014	Cardiovascular Medicine
2015 – 2020	JACC EP (Guest Editor)
2017 – today	Circulation Arrhythmia and Electrophysiology
2018 – 2019	Journal of Cardiovascular Electrophysiology (Section Editor)
2019 – 2020	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
2023	EP Europace (Editor-in-Chief)

Review activities	American Journal of Cardiology
(peer review journal)	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]

50. **A. Auricchio**, S. Nisam, HU Klein: Perspectives: does amiodarone increase non-sudden deaths? If so, why? *J Interv Card Electrophysiol.* 2000; 4: 569-574 [IF 2000: 0,782]
51. **A. Auricchio**, JS. Spinelli: Electrical treatment of heart failure: Present status. *Congestive Heart Failure.* 2000; 6: 325-330 [no IF]
52. C. Stellbrink, **A. Auricchio**, C. Butter, S. Sack, J. Vogt, D. Boeker, M. Block, H. Kirkels, A. Ramdat-Msier: Pacing therapies in congestive heart failure II study. *Am J Cardiol.* 2000; 86: K138-K143 [IF 2000: 2,762]
53. C. Butter, **A. Auricchio**, C. Stellbrink, M. Schlegl, E. Fleck, W. Horsch, E. Huvelle, J. Ding, A. Kramer: Should stimulation site be tailored in the individual heart failure patient? *Am J Cardiol.* 2000; 86: K144-K 151 [IF 2000: 2,762]
54. J. Vogt, O. Krahnfeld, B. Lamp, B. Hansky, H. Kirkels, K. Minami, R. Korfer, D. Horstkotte, M. Kloss, **A. Auricchio**: Electrocardiographic remodeling in patients paced for heart failure. *Am J Cardiol.* 2000; 86: K152-K156 [IF 2000: 2,762]
55. S. Sack, F. Heinzl, N. Dagres, S. Enger, **A. Auricchio**, C. Stellbrink, J. Neuzner, P. Potty, A. Maarse, B. Tockmann B, U. Michel, R. Erbel: Stimulation of the left ventricle through the coronary sinus with a newly developed „over-the-wire“ lead system: Early experience with lead handling positioning. *Europace.* 2001; 3: 317-323 [IF 2001: 0,808]
56. C. Huth, A. Friedl, H. Klein, **A. Auricchio**: Pacing therapies for congestive heart failure considering the results of PATH-CHF study. *Z. Kardiol.* 2001; 90: 10-15 [IF 2001: 0,554]
57. **A. Auricchio**, HU Klein: Expansion of ICD Indications: Resynchronization therapy and the ICD. *Cardiac Electrophysiology Review.* 2001; 5: 35-40 [no IF]
58. C. Stellbrink, OA. Breithardt, A. Franke, S. Sack, P. Bakker, **A. Auricchio**, T. Pochet, R. Salo, A. Kramer, J. Spinelli: Impact of cardiac resynchronization therapy using hemodynamically optimized pacing on left ventricular remodeling in patients with congestive heart failure and ventricular conduction disturbances. *J Am Coll Cardiol.* 2001; 38: 1957-1965 [IF 2001: 6,374]
59. C. Butter, **A. Auricchio**, C. Stellbrink, E. Fleck, J. Ding, Y. Yu, E. Huvelle, J. Spinelli: Effect of resynchronization therapy stimulation site on the systolic function of heart failure. *Circulation.* 2001; 104: 3026-3029 [IF 2001: 10,517]
60. SI. Trautmann, M. Kloss, **A. Auricchio**: Cardiac resynchronization therapy. *Curr Cardiol Rep.* 2002; 4: 371-378 [no IF]
61. **A. Auricchio**, H. Klein. Beyond the expectation: A decade of positive results with cardiac resynchronization therapy for heart failure. *Eur Heart J.* 2002; 45: 345-351 [IF 2002: 6,131]
62. **A. Auricchio**, JC. Spinelli, SI. Trautmann, M. Kloss: Effect of cardiac resynchronization therapy on ventricular remodeling. *J Card Fail;* 8: S549 – S555, 2002 [IF 2002: 2,574]

63. OA Breithardt, C Stellbrink, A. Franke, O Balta, BH Diem, P Bakker, S. Sack, **A. Auricchio** for the Pacing Therapies for Congestive Heart Failure Study Group: Acute effects of cardiac resynchronization therapy on left ventricular Doppler indices in patients with congestive heart failure. *Am Heart J*; 143: 34 – 44, 2002 [IF 2002: 2,765]
64. A. Auricchio, M. Kloss, SI. Trautmann, S. Rodner, H. Klein: Exercise performance following cardiac resynchronization therapy in patients with heart failure and ventricular conduction delay. *Am J Cardiol*; 89: 198 – 203, 2002 [IF 2002: 2,327]
65. **A. Auricchio**, J. Ding, JC. Spinelli, AP. Kramer, RW. Salo, W. Hoersch, BH. KenKnight, HU. Klein: Cardiac resynchronization therapy restores optimal atrioventricular mechanical timing in heart failure patients with ventricular conduction delay. *J Am Coll Cardiol*; 39: 1163 – 1169, 2002 [IF 2002: 6,278]
66. **A. Auricchio**, C. Stellbrink, S. Sack, M. Block, J. Vogt, P. Bakker, C. Huth, F. Schoendube, U. Wolfhard, D. Boecker, O. Krahnfeld, H. Kirkels: Long-term effect of hemodynamically optimized cardiac resynchronization therapy on patients with heart failure and ventricular conduction delay. *J Am Coll Cardiol*; 39: 2026 – 2033, 2002 [IF 2002: 6,278]
67. VA. Kadhiresan, J. Pastore J, **A. Auricchio**, S. Sack, A Doelger, S. Girouard, S. Spinelli for the PATH-CHF Study Group: A novel method – the activity log index – for monitoring physical activity in patients with heart failure. *Am J Cardiol*; 89: 1435 – 1437, 2002 [IF 2002: 2,327]
68. OA. Breithardt, C. Stellbrink, AP. Kramer, AM. Sinha, A. Franke, R. Salo, B. Schiffgens, E. Huvelle, **A. Auricchio** for the PATH-CHF Study Group: Echocardiographic quantification of left ventricular asynchrony predicts acute hemodynamic benefit of cardiac resynchronizatin therapy. *J Am Coll Cardiol*; 40: 536 – 545, 2002 [IF 2002: 6,278]
69. **A. Auricchio**, JC. Spinelli: The promise of resynchronization therapy. Who (and how many) will benefit ? *Card Electrophysiol Rev* 2003; 7: 17 – 26, 2003 [IF 2003: 0.587]
70. IE. Ovsyshcher, A. Auricchio: Cardiac resynchronization therapy for heart failure shows great promise. *Isr Med Assoc J*; 5: 589 – 591, 2003 [IF 2003: 0,587]
71. C. Stellbrink, **A. Auricchio**, B. Lemke, W. von Scheidt, J. Vogt, R. Dietz, M. Gottwik, B. Levenson, T. Meinertz, A. Osterpey, U. Tebbe, RH. Strasser, K. Werdan, G. Arnold, D. Behrenbeck, E. Fleck, HJ Trappe: Herausgegeben vom Vorstand der Deutschen Gesellschaft für Kardiologie – Herz- und Kreislau fforschung Bearbeitet im Auftrag der Kommission für Klinische Kardiologie. Policy paper to the cardiac resynchronization therapy. *Z Kardiol*; 92: 96 – 103, 2003 [IF 2003: 0,935]
72. A. Goette, K. Jentsch-Ullrich, U. Lendeckel U, C. Rocken, M. Agbaria, **A. Auricchio**, M. Mohren, A. Franke, HU. Klein: Effect of atrial fibrillation on hematopoietic progenitor cells: a novel pathophysiological role of the atrial natriuretic peptide? *Circulation*; 108: 2446 – 2449, 2003 [IF 2003: 11,164]
73. Y. Yu, A. Kramer, J. Spinelli, J. Ding, W. Hoersch, **A. Auricchio**: Biventricular mechanical asynchrony predicts hemodynamic effect of uni- and biventricular pacing. *Am J Physiol Heart Circ Physiol*. 2003; 285: H2788-H2796 [IF 2003: 3,658]

74. **A. Auricchio**, C. Stellbrink, C. Butter, S. Sack, J. Vogt, A. Ramdat-Misier, D. Böcher, M. Block, JH. Kirkels on behalf of the Pacing Therapies in Congestive Heart Failure (PATH-CHF) II study group, A. Kramer, E. Huvelle on behalf of the Guidant Heart Failure Research Group: Clinical efficacy of cardiac resynchronization therapy using left ventricular pacing in heart failure patients stratified by severity of ventricular conduction delay. *J Am Coll Cardiol*. 2003; 42: 2109-2116 [IF 2003: 7,599]
75. **A. Auricchio**, C. Fantoni, F. Regoli, C. Carbucicchio, C. Geller, A. Goette, M. Kloss, HU Klein: Characterization of left ventricular activation in patients with heart failure and left bundle branch block. *Circulation*. 2004; 109: 1133-1139 [IF 2004: 12,563]
76. **A. Auricchio**, WT. Abraham: Cardiac resynchronization therapy. Current state-of-the-art: Costs versus Benefits. *Circulation*. 2004; 109: 300-307 [IF 2004: 12,563]
77. **A. Auricchio**, CM. Yu: Beyond the measurement of the QRS complex toward mechanical dyssynchrony. Cardiac resynchronization therapy in patients with a normal QRS duration. *Heart*. 2004; 90: 479-481 [IF 2004: 3,271]
78. **A. Auricchio**: Pacing the left ventricle. Does underlying rhythm matter? *J Am Coll Cardiol*. 2004; 43: 239-240 [IF 2004: 9,133]
79. **A. Auricchio**: Cardiac resynchronization therapy: are all questions answered ? *Herzschrittmacherther Elektrophysiol*. 2005; 16: 1-2 [IF 2005: 0.952]
80. **A. Auricchio**, C. Fantoni: Cardiac resynchronization therapy in heart failure. *Ital Heart J*. 2005; 6: 256-260 [no IF]
81. **A. Auricchio**: Cardiac resynchronization therapy: does varying the pacing site or combination of sites improves cardiac function? *Nat Clin Pract Cardiovasc Med*. 2005; 2: 288-289 [no IF]
82. C. Fantoni, M. Kawabata, R. Massaro, F. Regoli, S. Raffa, V. Arora, JA Salerno-Urriarte, HU Klein, **A. Auricchio**: Right and left ventricular activation sequence in patients with heart failure and right bundle branch block: a detailed analysis using three-dimensional non-fluoroscopic electroanatomic mapping system. *J Cardiovasc Electrophysiol*. 2005; 16: 112-119 [IF 2005: 3,285]
83. OW Mensah, A Fried, M Jepsen, **A. Auricchio**, HU Klein, C. Huth: Replacement of a severe chronic post-traumatic aneurysm of the ascending aorta with aortic valve conduit. Reconstruction of the anterior mitral valve ring and implantation of AV sequential/biventricular pacemaker. *Thorac Cardiovasc Surg*. 2005; 53: 223-225 [IF 2005: 0,935]
84. S. Raffa, C. Fantoni, L. Restauri, **A. Auricchio**: Right heart failure due to loss of right ventricular capture in a patient with atrioventricular junction ablation and biventricular pacing. *Pacing Clin Electrophysiol PACE*. 2005; 28: 1127-1130 [IF 2005: 1,279]
85. MR. Gold, **A. Auricchio**, JD. Hummel, MC. Giudici, J. Ding, B. Tockman, J. Spinelli: Comparison of stimulation sites within left ventricular veins on the acute hemodynamic effects of cardiac resynchronization therapy. *Heart Rhythm*. 2005; 2: 376-381 [IF 2005: 2,667]

86. C. Fantoni, S. Raffa, F. Regoli, F. Giraldi, MT. LaRovere, J. Prentice, F. Pastori, S. Fratini, JA. Salerno-Uriarte, HU. Klein, **A. Auricchio**: Cardiac resynchronization therapy improves heart rate profile and heart rate variability of patients with moderate to severe heart failure. *J Am Coll Cardiol*. 2005; 15; 46: 1875-1882 [IF 2005: 9,200]
87. A. Goette, K. Jentsch-Ullrich, M. Hammwöhner, S. Trautmann, A. Franke, HU. Klein, **A. Auricchio**: Cardiac uptake of progenitor cells in patients with moderate-to-severe left ventricular failure scheduled for cardiac resynchronization therapy. *Europace*. 2006 March; 8: 157-160 [IF 2006: 1,477]
88. **A. Auricchio**, C. Fantoni, JS. Steinberg: Acute and chronic sequelae of ventricular dyssynchrony. *Prog Cardiovasc Dis*. 2006 Jan-Feb; 48(4): 227-231 [IF 2006: 2,492]
89. F. Grothues, O. Wolfram, C. Fantoni, H. Boenigk, A. Götte, C. Tempelmann, H.U. Klein, and **A. Auricchio**: Volume measurement by CARTOTM compared with cardiac magnetic resonance. *Europace*. 2006 January; 8: 37-41 [IF 2006: 1,477]
90. Q. Zhang, Fung JW, **A. Auricchio**, JY Chan, LC Kum, LW Wu, CM Yu: Differential changes in left ventricular mass and region wall thickness after cardiac resynchronization therapy for heart failure. *Eur Heart J*. 2006; 27: 1423-1430 [IF 2006: 7,286]
91. **A. Auricchio**, M. Gropp, S. Ludgate, P. Vardas, J. Brugada, SG Priori: European Heart Rhythm Association guidance document on cardiac rhythm management product performance. *Europace*. 2006; 8: 313-322 [IF 2006: 1,477]
92. M Gasparini, **A. Auricchio**, F. Regoli, C. Fantoni, M. Kawabata, P. Galimberti, D. Pini, C. Ceriotti, E. Gronda, C. Klersy, S. Fratini, H.H. Klein: Four-year efficacy of cardiac resynchronization therapy on exercise tolerance and disease progression the importance of performing atrioventricular junction ablation in patients with atrial fibrillation. *J Am Coll Cardiol*. 2006; 48: 734-743 [IF 2006: 9,701]
93. XA Verbeek, **A. Auricchio**, Y. Yu, J. Ding, T. Pochet, K. Vernooy, A. Kramer, J. Spinelli, FW. Prinzen: Tailoring cardiac resynchronization therapy using interventricular asynchrony. Validation of a simple model. *Am J Physiol Heart Circ Physiol*. 2006; 290: 968-977 [IF 2006: 3,724]
94. **A. Auricchio**, M. Metra, M. Gasparini, B. Lamp, C. Klersy, A. Curnis, C. Fantoni, E. Gronda, J. Vogt, for the MILOS Group: Long-term survival of patients with heart failure and ventricular conduction delay treated with cardiac resynchronization therapy. *Am J Cardiol*. 2007; 99: 232-238 [IF 2007: 3.603]
95. Fratini S, Romano S, **Auricchio A**, Penco M: Measurements of mechanical asynchrony in patients with heart failure: is the puzzle completed? *J Cardiovasc Med*. 2007; 8: 657-667 [IF 2007: 1.867]
96. Faletra F, Petroni R, Giardina A, Carraro C, **Auricchio A**, Moccetti T: Persistent left superior vena cava imaged by volume-rendering 3D reconstruction multislice computed tomography. *Echocardiography*. 2007; 24: 885-886 [IF 2007: 1.261]



97. Faletra F, **Auricchio A**, Moccetti T, Chioncel O: “Dynamic imaging” (systolic compression) of myocardial bridge visualised by electronic beam computed tomography. *Heart*. 2007; 93: 1135 [IF 2007: 4,141]
98. **A. Auricchio**, A. Sorgente, J. P. Singh, F. Faletra, C. Conca, G.B. Pedrazzini, E. Pasotti, F. Siclari, T. Moccetti: Role of multislice computed tomography for preprocedural evaluation prior to revision of a chronically implanted transvenous left ventricular lead. *Am J Cardiol*. 2007; 100: 1566-1570 [IF 2007: 3.603]
99. Kawabata M, Fantoni C, Regoli F, Raffa S, Pastori F, Fratini S, Prentice J, Klein HU, **Auricchio A**: Activity monitoring in heart failure patients with cardiac resynchronization therapy. *Circ J*. 2007; 71: 1885-1892 [IF 2007: 2,373]
100. Kirchhof P, **Auricchio A**, Bax J, Crijns H, Camm J, Diener HC, Goette A, Hindricks G, Hohnloser S, Kappenberger L, Kuck KH, Lip GY, Olsson B, Meinertz T, Priori S, Ravens U, Steinbeck G, Svernhage E, Tijssen J, Vincent A, Breithardt G: Outcome parameters for trials in atrial fibrillation: Recommendations from a consensus conference organized by the German Atrial Fibrillation Competence NETwork and the European Heart Rhythm Association. *Europace*. 2007; 9: 1006-1023 [IF 2007: 1,376]
101. Kirchhof P, **Auricchio A**, Bax J, Crijns H, Camm J, Diener HC, Goette A, Hindricks G, Hohnloser S, Kappenberger L, Kuck KH, Lip GY, Olsson B, Meinertz T, Priori S, Ravens U, Steinbeck G, Svernhage E, Tijssen J, Vincent A, Breithardt G: Outcome parameters for trials in atrial fibrillation: executive summary: Recommendations from a consensus conference organized by the German Atrial Fibrillation Competence NETwork (AFNET) and the European Heart Rhythm Association (EHRA). *Eur Heart J*. 2007; 28: 2803-2817 [IF 2007: 7,924]
102. Blendea D, Shah RV, **Auricchio A**, Nandigam V, Orencole M, Heist EK, Reddy VY, McPherson CA, Ruskin JN, Singh JP: Variability of coronary venous anatomy in patients undergoing cardiac resynchronization therapy: a high-speed rotational venography study. *Heart Rhythm*. 2007; 4: 1155-1162 [IF 2007: 4,203]
103. Vardas PE, **Auricchio A**, Blanc JJ, Daubert JC, Drexler H, Ector H, Gasparini M, Linde C, Morgado FB, Oto A, Sutton R, Trusz-Gluza M: European Society of Cardiology; European Heart Rhythm Association. Guidelines for cardiac pacing and cardiac resynchronization therapy: the task force for cardiac pacing and cardiac resynchronization therapy of the European Society of Cardiology. Developed in collaboration with the European Heart Rhythm Association. *Eur Heart J*. 2007; 28: 2256-2295 [IF 2007: 7,924]
104. Vardas PE, **Auricchio A**, Blanc JJ, Daubert JC, Drexler H, Ector H, Gasparini M, Linde C, Morgado FB, Oto A, Sutton R, Trusz-Gluza M: European Society of Cardiology; European Heart Rhythm Association. Guidelines for cardiac pacing and cardiac resynchronization therapy: the task force for cardiac pacing and cardiac resynchronization therapy of the European Society of Cardiology. Developed in collaboration with the European Heart Rhythm Association. *Europace*. 2007; 9(10): 959-998 [IF 2007: 1,376]

105. Conca C, Faletra F, Chioncel O, Sorgente A, Pasotti E, Pedrazzini G, Moccetti T, **Auricchio A**: Coronary sinus visualization by three-dimensional real-time echocardiography. *J Am Soc Echocardiogr.* 2007; 21: 27 [IF 2007: 2,062]
106. Fantoni C, Regoli F, Ghanem A, Raffa S, Klersy C, Sorgente A, Faletra F, Baravelli M, Inglese L, Salerno-Uriarte JA, Klein HU, Moccetti T, **Auricchio A**: Long-term outcome in diabetic heart failure patients treated with cardiac resynchronization therapy. *Eur J Heart Fail.* 2008; 10: 298-307 [IF 2008: 3,398]
107. Sorgente A, Pedrazzini GB, Faletra FF, Moccetti T, **Auricchio A**: Dislodgement of an Amplatzer occluder device causing iatrogenic pulmonary embolism in a patient with post-infarction ventricular septal defect. *Eur Heart J.* 2008; 29: 2698 [IF 2008: 8,917]
108. Roguin A, Schwitter J, Vahlhaus C, Lombardi M, Brugada J, Vardas P, **Auricchio A**, Priori S, Sommer T: Magnetic resonance imaging in individuals with cardiovascular implantable electronic devices. *Europace.* 2008; 10: 336-346 [IF 2008: 1,706]
109. **Auricchio A**, Prinzen FW: Update on the pathophysiological basics of cardiac resynchronization therapy. *Europace.* 2008; 10: 797-800 [IF 2008: 1,706]
110. **Auricchio A**, Faletra FF: Mechanical dyssynchrony in CRT patients: Still searching for the Holy Grail! *Eur J Heart Fail.* 2008; 10: 217-219 [IF 2008: 3,398]
111. **Auricchio A**, Prinzen FW: Cardiac Resynchronization Therapy: The more pacing sites, the better the outcome? *J Am Coll Cardiol.* 2008; 51: 1463-1465 [IF 2008: 11,438]
112. Di Biase L, **Auricchio A**, Sorgente, Civello K, Klersy C, Faletra FF, Riedlbauchova L, Patel D, Arruda M, Schweikert RA, Martin DO, Saliba WI, Moccetti T, Wilkoff BL, Natale A: The magnitude of reverse remodeling irrespective of etiology predicts outcome of heart failure patients treated with cardiac resynchronization therapy. *Eur Heart J.* 2008; 29: 2497-2505 [IF 2008: 8,917]
113. Gasparini M, **Auricchio A**, Metra M, Regoli F, Fantoni C, Lamp B, Curnis A, Vogt J, Klersy C: Multicentre Longitudinal Observational Study (MILOS) Group. Long-term survival in patients undergoing cardiac resynchronization therapy: the importance of performing atrio-ventricular junction ablation in patients with permanent atrial fibrillation. *Eur Heart J.* 2008; 29: 1644-1652 [IF 2008: 8,917]
114. European Society of Cardiology; Heart Failure Association of the ESC (HFA); European Society of Intensive Care Medicine (ESICM), Dickstein K, Cohen-Solal A, Filippatos G, McMurray JJ, Ponikowski P, Poole-Wilson PA, Strömberg A, van Veldhuisen DJ, Atar D, Hoes AW, Keren A, Mebazaa A, Nieminen M, Priori SG, Swedberg K, Vahanian A, Camm J, De Caterina R, Dean V, Dickstein K, Filippatos G, Funck-Brentano C, Hellemans I, Kristensen SD, McGregor K, Sechtem U, Silber S, Tendera M, Widimsky P, Zamorano JL, Tendera M, **Auricchio A**, Bax J, Böhm M, Corrà U, della Bella P, Elliott PM, Follath F, Gheorghiade M, Hasin Y, Hernborg A, Jaarsma T, Komajda M, Kornowski R, Piepoli M, Prendergast B, Tavazzi L, Vachieri JL, Verheugt FW, Zamorano JL, Zannad: F. ESC guidelines for the diagnosis and treatment of acute and chronic heart failure 2008: the Task Force for the diagnosis

and treatment of acute and chronic heart failure 2008 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association of the ESC (HFA) and endorsed by the European Society of Intensive Care Medicine (ESICM). *Eur J Heart Fail.* 2008; 10: 933-989 [IF 2008: 3,398]

115. Sorgente A, Truong QA, Conca C, Singh JP, Hoffmann U, Faletra FF, Klersy C, Bhatia R, Pedrazzini GB, Pasotti E, Moccetti T, **Auricchio A**: Influence of left atrial and ventricular volumes on the relation between mitral valve annulus and coronary sinus. *Am J Cardiol.* 2008; 102: 890-896 [IF 2008: 3,905]
116. Upadhyay GA, Choudhry NK, **Auricchio A**, Ruskin J, Singh JP: Cardiac resynchronization in patients with atrial fibrillation: a meta-analysis of prospective cohort studies. *J Am Coll Cardiol.* 2008; 52: 1239-1246 [IF 2008: 11,438]
117. Pedrazzini GB, Masson S, Latini R, Klersy C, Rossi MG, Pasotti E, Faletra FF, Siclari F, Minervini F, Moccetti T, **Auricchio A**: Comparison of brain natriuretic peptide plasma levels versus logistic EuroSCORE in predicting in-hospital and late postoperative mortality in patients undergoing aortic valve replacement for symptomatic aortic stenosis. *Am J Cardiol.* 2008; 102: 749-754 [IF 2008: 3,905]
118. Truong QA, Singh JP, Cannon CP, Sarwar A, Nasir K, **Auricchio A**, Faletra FF, Sorgente A, Conca C, Moccetti T, Handschumacher M, Brady TJ, Hoffmann U: Quantitative analysis of intraventricular dyssynchrony using wall thickness by multidetector computed tomography. *JACC Cardiovasc Imaging.* 2008; 1: 772-781 [no IF]
119. Priori SG, **Auricchio A**, Nisam S, Yong P: To Replace or Not to Replace: A systematic approach to respond to device advisories. *J Cardiovasc Electrophysiol.* 2009; 20: 164-170 [IF 2009: 3,703]
120. **Auricchio A**, Leyva F: Inclusion and exclusion criteria for CRT. *Heart Rhythm.* 2009; 6: 1235-1237 [IF 2009: 4,559]
121. Regoli F, **Auricchio A**: The role of invasive mapping in the electrophysiology laboratory. *Europace.* 2009; 11(Suppl 5): v40-v45 [IF 2009: 1,871]
122. **Auricchio A**, Faletra F, Moccetti T: Acute coronary syndrome following a recent Bentall-De Bono procedure. *Eur Heart J.* 2009; 30: 627 [IF 2009: 9,800]
123. Faletra FF, Moschovitis G, **Auricchio A**: Visualisation of thrombus formation on prosthetic valve by real-time three-dimensional transoesophageal echocardiography. *Heart.* 2009; 95: 482 [IF 2009: 5,385]
124. Faletra FF, Moschovitis G, **Auricchio A**: Sequential three-dimensional live transoesophageal echocardiography examinations showing progressive dissolution of thrombi on prosthetic mitral valve. *Eur Heart J.* 2009; 30: 1476 [IF 2009: 9,800]
125. Conca C, Faletra FF, Miyazaki C, Oh J, Mantovani A, Klersy C, Sorgente A, Pedrazzini GB, Pasotti E, Moccetti T, **Auricchio A**: Echocardiographic parameters of mechanical synchrony in healthy individuals. *Am J Cardiol.* 2009; 103: 136-142 [IF 2009: 3,575]

126. Dickstein K, Priori S, **Auricchio A**, Terradellas JB, Cleland J, Derumeaux G, Gras D, Komajda M, Linde C, Morgan J, van Veldhuisen DJ, Gitt A, Bogale N, Fruhwald F, Strohmer B, Goethals M, Vijgen J, Gal TB, Glikson M, McDonnald K, Keane D, Metra M, Gasparini M, Persson H, Gadler F, Trochu JN, Gras D, Maass A, Jordaens L, Larsen AI, Faerestrands S, Brunner-La Rocca HP, Osswald S, Kindermann M, Stellbrink C, Delgado J, Mont L, Squire I, Morgan J.: European cardiac resynchronization therapy survey: rationale and design. *Eur J Heart Fail.* 2009; 11: 326-330 [IF 2009: 3,706]
127. Faletta FF, Klersy C, D'Angeli I, Penco M, Procaccini V, Pasotti E, Marcolongo A, Pedrazzini GB, De Castro S, Scappaticci M, Moccetti T, **Auricchio A**: Relation between coronary atherosclerotic plaques and traditional risk factors in people with no history of cardiovascular disease undergoing multi-detector computed coronary angiography. *Heart.* 2009; 95: 1265-1272 [IF 2009: 5,385]
128. Faletta FF, Conca C, Klersy C, Klimusina J, Regoli F, Mantovani A, Pasotti E, Pedrazzini GB, De Castro S, Moccetti T, **Auricchio A**: Comparison of eight echocardiographic methods for determining the prevalence of mechanical dyssynchrony and site of latest mechanical contraction in patients scheduled for cardiac resynchronization therapy. *Am J Cardiol.* 2009; 103: 1746-1752 [IF 2009: 3,385]
129. Leyva F, Foley PW, Stegemann B, Ward JA, Ng LL, Frenneaux MP, Regoli F, Smith RE, **Auricchio A**. Development and validation of a clinical index to predict survival after cardiac resynchronisation therapy. *Heart.* 2009; 95: 1619-1625 [IF 2009: 5,385]
130. Van Deursen C, van Geldorp I, van Hunnik A, Kuiper M, Auricchio A, Prinzen FW. Left ventricular endocardial pacing improves resynchronization therapy in canine LBBB hearts. *Circ Arrhythm Electrophysiol.* 2009; 2: 580-587 [IF 2009: 3,400]
131. C. Klersy, A. De Silvestri, G. Gabutti, F. Regoli, **A. Auricchio**: A meta-analysis of remote monitoring of heart failure patients. *J Am Coll Cardiol.* 2009; 54: 1683-1694 [IF 2009: 12,640]
132. Dickstein K, Bogale N, Priori S, **Auricchio A**, Cleland JG, Gitt A, Limbourg T, Linde C, van Veldhuisen DJ, Brugada J: Scientific Committee; National Coordinators. The European cardiac resynchronization therapy survey. *Eur Heart J.* 2009; 30: 2450-2460 [IF 2009: 9,800]
133. **Auricchio A**, Sorgente A, Soubelet E, Regoli F, Spinucci G, Vaillant R, Faletta FF, Klersy C, Moccetti T: Accuracy and usefulness of fusion imaging between three-dimensional coronary sinus and coronary veins computed tomographic images with projection images obtained using fluoroscopy. *Europace.* 2009; 11: 1483-1490 [IF 2009: 1,871]
134. Poldermans D, Bax JJ, Boersma E, De Hert S, Eeckhout E, Fowkes G, Gorenek B, Hennerici MG, Jung B, Kelm M, Kjeldsen KP, Kristensen SD, Lopez-Sendon J, Pelosi P, Philippe F, Pierard L, Ponikowski P, Schmid JP, Sellevold OF, Sicari R, Vanden Berghe G, Vermassen F, Hoeks SE, Vanhorebeek I, Vahanian A, **Auricchio A**, Bax JJ, Ceconi C, Dean V, Filippatos G, Funck-Brentano C, Hobbs R, Kearn P, McDonag T, McGregor K, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Tendera M, Vardas P, Widimsky P,

De Caterina R, Agewall S, Al Attar N, Andreotti F, Anker SD, Baron-Esquivias G, Berkenboom G, Chapoutot L, Cifkova R, Faggiano P, Gibbs S, Hansen HS, Iserin L, Israel CW, Kornowski R, Eizagaechearria NM, Pepi M, Piepoli M, Priebe HJ, Scherer M, Stepinska J, Taggart D, Tubaro M: Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery of European Society of Cardiology (ESC); European Society of Anaesthesiology (ESA). Guidelines for pre-operative cardiac risk assessment and perioperative cardiac management in non-cardiac surgery: the Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery of the European Society of Cardiology (ESC) and endorsed by the European Society of Anaesthesiology (ESA). *Eur J Anaesthesiol.* 2010; 27: 92-137 [IF 2010: 1,679]

135. Boriani G, Maniadakis N, **Auricchio A**, Vardas P: Health economics and outcomes research: a new challenge and field of action for the European Heart Rhythm Association. *Europace.* 2010; 12: 601-603 [IF 2010: 1,842]
136. **Auricchio A**, Moccetti T: Electronic cardiac medicine: present and future opportunities. *Swiss Med Wkly.* 2010; 1: 140 [IF 2010: 1,823]
137. **Auricchio A**: Is it time to start with device-based prognosticators? *Europace.* 2010; 12: 7-8 [IF 2010:1.842]
138. Faletra FF, D'Angeli I, Klersy C, Averaimo M, Klimusina J, Pasotti E, Pedrazzini GB, Curti M, Carraro C, Diliberto R, Moccetti T, **Auricchio A**: Estimates of lifetime attributable risk of cancer after a single radiation exposure from 64-slice computed tomographic coronary angiography. *Heart.* 2010; 96: 927-932 [IF 2010: 4,708]
139. Rademakers LM, Vankerckhoven R, Vandeursen CJ, Strik M, Vanhunnik A, Kuiper M, Lampert A, Klersy C, Leyva F, Auricchio A, Maessen JG, Prinzen FW: Myocardial infarction does not preclude electrical and hemodynamic benefits of CRT in dyssynchronous canine hearts. *Circ Arrhythm Electrophysiol.* 2010; 3: 361-368 [IF 2010: 4,805]
140. Meris A, Faletra F, Conca C, Klersy C, Regoli F, Klimusina J, Penco M, Pasotti E, Pedrazzini GB, Moccetti T, **Auricchio A**: Timing and magnitude of regional right ventricular function: a speckle tracking-derived strain study of normal subjects and patients with right ventricular dysfunction. *J Am Soc Echocardiogr.* 2010; 23: 823-831 [IF 2010: 3,520]
141. Dickstein K, Vardas PE, **Auricchio A**, Daubert JC, Linde C, McMurray J, Ponikowski P, Priori SG, Sutton R, van Veldhuisen DJ: 2010 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. *Eur J Heart Fail.* 2010; 12: 1143-1153 [IF 2010: 4,512]
142. Marcelli E, Cercenelli L, Plicchi G, **Auricchio A**: Evaluation of an innovative sensor for cardiac apex rotation monitoring. *International journal of artificial organs.* 2010; 33: 433 [IF 2010: 1,503]

143. Dickstein K, Vardas PE, **Auricchio A**, Daubert JC, Linde C, McMurray J, Ponikowski P, Priori SG, Sutton R, van Veldhuisen DJ; ESC Committee for Practice Guidelines, Vahanian A, Auricchio A, Bax J, Ceconi C, Dean V, Filippatos G, Funck-Brentano C, Hobbs R, Kearney P, McDonagh T, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Tendera M, Vardas P, Widimsky P, Tendera M, Anker SD, Blanc JJ, Gasparini M, Hoes AW, Israel CW, Kalarus Z, Merkely B, Swedberg K, Camm AJ: 2010 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. *Europace*. 2010; 12: 1526-1536 [IF 2010: 1,842]
144. **Auricchio A**, Brugada J, Ellenbogen KA, Gold MR, Leyva F: for the CLEPSYDRA investigators. Assessment of a novel device-based diagnostic algorithm to monitor patient status in moderate-to-severe heart failure: rationale and design of the CLEPSYDRA study. *Eur J Heart Fail*. 2010; 12: 1363-1371 [IF 2010: 4,512]
145. Faletra FF, Ho SY, **Auricchio A**: Anatomy of right atrial structures by real-time 3D transesophageal echocardiography. *JACC Cardiovasc Imaging*. 2010; 3: 966-975 [IF 2010: 5,528]
146. Van Geldorp IE, Delhaas T, Hermans B, Vernooij K, Broers B, Klimusina J, Regoli F, Faletra FF, Moccetti T, Gerritse B, Cornelussen R, Settels JJ, Crijns HJ, **Auricchio A**, Prinzen FW: Comparison of a non-invasive arterial pulse contour technique and echo Doppler aorta velocity-time integral on stroke volume changes in optimization of cardiac resynchronization therapy. *Europace*. 2011; 13: 87-95 [IF 2011: 1,980]
147. **Auricchio A**, Prinzen FW: Non-responders to cardiac resynchronization therapy: the magnitude of the problem and the issues. *Circ J*. 2011; 75: 521-527 [IF 2011: 3,766]
148. Braunschweig F, Cowie MR, Auricchio A: What are the costs of heart failure? *Europace*. 2011; 13(Suppl 2): ii13-ii17 [IF 2011: 1,980]
149. Boriani G, Mantovani LG, Biffi M, Schalij MJ, Martignani C, Leclercq C, Bax JJ, **Auricchio A**: Cardiac resynchronization therapy: a cost or an investment? *Europace*. 2011; 13 (Suppl 2): ii32-ii38 [IF 2011: 1,980]
150. Klimusina J, De Boeck BW, Leenders GE, Faletra FF, Prinzen F, Averaimo M, Pasotti E, Klersy C, Moccetti T, **Auricchio A**. Redistribution of left ventricular strain by cardiac resynchronization therapy in heart failure patients. *Eur J Heart Fail*. 2011; 13: 186-194 [IF 2011: 4,896]
151. GB Pedrazzini, I. D'Angeli, G. Vassalli, F. Faletra, C. Klersy, E. Pasotti, T. Moccetti, **A. Auricchio**. Assessment of coronary stenosis plaque burden and remodelling by multi-detector computed tomography in patients referred for suspected coronary artery disease. *Journal of Cardiovascular Medicine*. 2011; 12: 122-130 [IF 2011: 1,510]
152. Klersy C, De Silvestri A, Gabutti G, Raisaro A, Curti M, Regoli F, **Auricchio A**. Economic impact of remote patient monitoring: an integrated economic model derived from a meta-analysis of randomized controlled trials in heart failure. *Eur J Heart Fail*. 2011; 13: 450-459 [IF 2011: 4,896]

153. Faletra FF, Regoli F, Nucifora G, **Auricchio A**. Real-time, fluoroless, anatomic-guided catheter navigation by 3D TEE during ablation procedures. *JACC Cardiovasc Imaging*. 2011; 4: 203-206 [IF 2011: 5,431]
154. Boriani G, **Auricchio A**, Klersy C, Kirchhof P, Brugada J, Morgan J, Vardas P. Health-care personnel resource burden related to in-clinic follow-up of cardiovascular implantable electronic devices. *Europace*. 2011; 13: 1166-1173 [IF 2011: 1,980]
155. Franzen O, van der Heyden J, Baldus S, Schlüter M, Schillinger W, Butter C, Hoffmann R, Corti R, Pedrazzini G, Swaans MJ, Neuss M, Rudolph V, Sürder D, Grünenfelder J, Eulenburg C, Reichenspurner H, Meinertz T, **Auricchio A**. MitraClip® therapy in patients with endstage systolic heart failure. *Eur J Heart Fail*. 2011; 13: 569-576 [IF 2011: 4,896]
156. Di Biase L, **Auricchio A**, Mohanty P, Bai R, Kautzner J, Pieragnoli P, Regoli F, Sorgente A, Spinucci G, Ricciardi G, Michelucci A, Perrotta L, Faletra F, Mlcochová H, Sedlacek K, Canby R, Sanchez JE, Horton R, Burkhardt JD, Moccetti T, Padeletti L, Natale A. Impact of cardiac resynchronization therapy on the severity of mitral regurgitation. *Europace*. 2011; 13: 829-838 [IF 2011: 1,980]
157. Leyva F, Foley PW, Chalil S, Ratib K, Smith RE, Prinzen F, **Auricchio A**. Cardiac resynchronization therapy guided by late gadolinium-enhancement cardiovascular magnetic resonance. *J Cardiovasc Magn Reson*. 2011; 13: 13-29 [IF 2011: 3,717]
158. **Auricchio A**, Meijer A, Kurita T, Schloss E, Brinkman K, Claessens-van Ooijen M, Sterns L. Safety, efficacy, and performance of new discrimination algorithms to reduce inappropriate and unnecessary shocks: the PainFree SST clinical study design. *Europace*. 2011; 1484-1493 [IF 2011: 1,980]
159. Reiner Z, Catapano AL, De Backer G, Graham I, Taskinen MR, Wiklund O, Agewall S, Alegria E, Chapman MJ, Durrington P, Erdine S, Halcox J, Hobbs R, Kjekshus J, Filardi PP, Riccardi G, Storey RF, Wood D; ESC Committee for Practice Guidelines (CPG) 2008- 2010 and 2010-2012 Committees, Bax J, Vahanian A, **Auricchio A**, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Filippatos G, Funck-Brentano C, Hasdai D, Hobbs R, Hoes A, Kearney P, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Tendera M, Torbicki A, Vardas P, Widimsky P, Windecker S, Reviewers D, Funck-Brentano C, Poldermans D, Berkenboom G, De Graaf J, Descamps O, Gotcheva N, Griffith K, Guida GF, Gulec S, Henkin Y, Huber K, Kesaniemi YA, Lekakis J, Man-olis AJ, Marques-Vidal P, Masana L, McMurray J, Mendes M, Pagava Z, Pedersen T, Prescott E, Rato Q, Rosano G, Sans S, Stalenhoef A, Tokgozoglu L, Viigimaa M, Wittekoek ME, Zamorano JL. ESC/EAS Guidelines for the management of dyslipidaemias: The Task Force for the management of dyslipidaemias of the European Society of Cardiology (ESC) and the European Atherosclerosis Society (EAS). *Eur Heart J*. 2011; 32: 1769-1818 [IF 2011: 10,478]
160. **Auricchio A**, Regoli F. Past, present, and future of CRT. *Heart Fail Rev*. 2011; 16: 205-214 [IF 2011:3,200]
161. Nucifora G, Faletra FF, Regoli F, Pasotti E, Pedrazzini G, Moccetti T, **Auricchio A**. Evaluation of the left atrial appendage with real-time three-dimensional trans-

esophageal echocardiography: implications for catheter-based left atrial appendage closure. *Circ Cardiovasc Imaging*. 2011; 4: 514-523 [IF 2011: 5,941]

162. Foley PW, Chalil S, Ratib K, Smith R, Prinzen F, **Auricchio A**, Leyva F. Fluoroscopic left ventricular lead position and the long-term clinical outcome of cardiac resynchronization therapy. *Pacing Clin Electrophysiol*. 2011; 34: 785-797 [IF 2011: 1,351]
163. Regoli F, Faletta FF, Nucifora G, Pasotti E, Moccetti T, Klersy C, **Auricchio A**. Feasibility and acute efficacy of radiofrequency ablation of cavotricuspid isthmus-dependent atrial flutter guided by real-time 3D TEE. *JACC Cardiovasc Imaging*. 2011; 4: 716-726 [IF 2011:5.431]
164. Bacharova L, Mateasik A, Krause R, Prinzen FW, **Auricchio A**, Potse M. The effect of reduced intercellular coupling on electrocardiographic signs of left ventricular hypertrophy. *J Electrocardiol*. 2011; 44: 571-576 [IF 2011: 1,141]
165. Bogale N, Witte K, Priori S, Cleland J, **Auricchio A**, Gadler F, Gitt A, Limbourg T, Linde C, Dickstein K; on behalf of the Scientific Committee, National coordinators and the investigators. The European Cardiac Resynchronization Therapy Survey: comparison of outcomes between de novo cardiac resynchronization therapy implantations and upgrades. *Eur J Heart Fail*. 2011; 13: 974-983 [IF 2011: 4,896]
166. Merkely B, Kautzner J, Milasinovic G, Hatala R, Taborsky M, Lubinski A, Dan GA, Zima E, Milicic D, **Auricchio A**, Camm AJ, Wolpert C, Vardas P; EHRA Summit 2010. Summary statement: EHRA summit 2010 with the participation of Central-Eastern European countries: 'ICD for Life' Initiative--fighting against sudden cardiac death in emerging economies. *Europace*. 2011; 13: 1209-1210 [IF 2011: 1,980]
167. Tendera M, Aboyans V, Bartelink ML, Baumgartner I, Clément D, Collet JP, Cremonesi A, De Carlo M, Erbel R, Fowkes FG, Heras M, Kownator S, Minar E, Ostergren J, Poldermans D, Rimbau V, Roffi M, Röther J, Sievert H, van Sambeek M, Zeller T; ESC Committee for Practice Guidelines, Bax J, **Auricchio A**, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu B, Reiner Z, Sechtem U, Sirnes PA, Torbicki A, Vahanian A, Windecker S; Document Reviewers, Kolh P, Torbicki A, Agewall S, Blinc A, Bulvas M, Cosentino F, De Backer T, Gottsäter A, Gulba D, Guzik TJ, Jönsson B, Késmárky G, Kitsiou A, Kuczmik W, Larsen ML, Madaric J, Mas JL, McMurray JJ, Micari A, Mosseri M, Müller C, Naylor R, Norrving B, Oto O, Pasiński T, Plouin PF, Ribichini F, Ricco JB, Ruilope L, Schmid JP, Schwehr U, Sol BG, Sprynger M, Tiefenbacher C, Tsioufis C, Van Damme H. ESC Guidelines on the diagnosis and treatment of peripheral artery diseases: Document covering atherosclerotic disease of extracranial carotid and vertebral, mesenteric, renal, upper and lower extremity arteries: the Task Force on the Diagnosis and Treatment of Peripheral Artery Diseases of the European Society of Cardiology (ESC). *Eur Heart J*. 2011; 32: 2851-2906 [IF 2011: 10,478]
168. Regitz-Zagrosek V, Blomstrom Lundqvist C, Borghi C, Cifkova R, Ferreira R, Foidart JM, Gibbs JS, Gohlke-Baerwolf C, Gorenek B, Iung B, Kirby M, Maas AH, Morais J, Nihoyannopoulos P, Pieper PG, Presbitero P, Roos-Hesselink JW, Schaufelberger M, Seeland U, Torracca L; ESC Committee for Practice Guidelines, Bax J, **Auricchio A**,



Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Torbicki A, Vahanian A, Windecker S; Document Reviewers, Baumgartner H, Deaton C, Aguiar C, Al-Attar N, Garcia AA, Antoniou A, Coman I, Elkayam U, Gomez-Sanchez MA, Gotcheva N, Hilfiker-Kleiner D, Kiss RG, Kitsiou A, Konings KT, Lip GY, Manolis A, Mebaaza A, Mintale I, Morice MC, Mulder BJ, Pasquet A, Price S, Priori SG, Salvador MJ, Shotan A, Silversides CK, Skouby SO, Stein JI, Tornos P, Vejlstrup N, Walker F, Warnes C. ESC Guidelines on the management of cardiovascular diseases during pregnancy: the Task Force on the Management of Cardiovascular Diseases during Pregnancy of the European Society of Cardiology (ESC). *Eur Heart J.* 2011; 32: 3147-3197 [IF 2011: 10,478]

169. Hamm CW, Bassand JP, Agewall S, Bax J, Boersma E, Bueno H, Caso P, Dudek D, Gielen S, Huber K, Ohman M, Petrie MC, Sonntag F, Uva MS, Storey RF, Wijns W, Zahger D; ESC Committee for Practice Guidelines, Bax JJ, **Auricchio A**, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Torbicki A, Vahanian A, Windecker S; Document Reviewers, Windecker S, Achenbach S, Badimon L, Bertrand M, Bøtker HE, Collet JP, Crea F, Danchin N, Falk E, Goudevenos J, Gulba D, Hambrecht R, Herrmann J, Kastrati A, Kjeldsen K, Kristensen SD, Lancellotti P, Mehilli J, Merkely B, Montalescot G, Neumann FJ, Neyses L, Perk J, Roffi M, Romeo F, Ruda M, Swahn E, Valgimigli M, Vrints CJ, Widimsky P. ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: The Task Force for the management of acute coronary syndromes (ACS) in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC). *Eur Heart J.* 2011; 32: 2999-3054 [IF 2011: 10,478]
170. **Auricchio A**, Schillinger W, Meyer S, Maisano F, Hoffmann R, Ussia GP, Pedrazzini GB, van der Heyden J, Fratini S, Klersy C, Komtebedde J, Franzen O; PERMIT-CARE Investigators. Correction of mitral regurgitation in nonresponders to cardiac resynchronization therapy by MitraClip improves symptoms and promotes reverse remodeling. *J Am Coll Cardiol.* 2011; 58: 2183-2189 [IF 2011: 14,156]
171. Scherff F, Vassalli G, Sürder D, Mantovani A, Corbacelli C, Pasotti E, Klersy C, **Auricchio A**, Moccetti T, Pedrazzini GB. The SYNTAX score predicts early mortality risk in the elderly with acute coronary syndrome having primary PCI. *J Invasive Cardiol.* 2011; 23: 505-510 [IF 2011: 1,841]
172. Faletra FF, Regoli F, Acena M, **Auricchio A**. Value of real-time transesophageal 3-dimensional echocardiography in guiding ablation of isthmus-dependent atrial flutter and pulmonary vein isolation. *Circ J.* 2012; 76: 5-14 [IF 2012: 3,578]
173. Regoli F, Faletra FF, Scaglione M, Nucifora G, Moccetti T, **Auricchio A**. Pulmonary vein isolation guided by real-time three-dimensional transesophageal echocardiography. *Pacing Clin Electrophysiol.* 2012; 35: 76-79 [IF 2012: 1,746]
174. Strik M, Regoli F, **Auricchio A**, Prinzen F. Electrical and mechanical ventricular activation during left bundle branch block and resynchronization. *J Cardiovasc Transl Res.* 2012; 5: 117-126 [IF 2012: 3,062]

175. Acena M, Regoli F, **Auricchio A**. Cardiac Resynchronization Therapy. Indications and Contraindications. *Rev Esp Cardiol*. 2012; 65: 843-849 [IF 2012: 3,204]
176. Strik M, Rademakers LM, van Deursen CJ, van Hunnik A, Kuiper M, Klersy C, **Auricchio A**, Prinzen FW. Endocardial left ventricular pacing improves cardiac resynchronization therapy in chronic asynchronous infarction and heart failure models. *Circ Arrhythm Electrophysiol*. 2012; 5: 191-200 [IF 2012: 5,947]
177. Prinzen FW, **Auricchio A**. The “missing” link between acute hemodynamic effect and clinical response. *J Cardiovasc Transl Res*. 2012; 5: 188-195 [IF 2012: 3,062]
178. Wecke L, van Hunnik A, Thompson T, Dicarolo L, Zdeblick M, **Auricchio A**, Prinzen FW. Networked multielectrode left ventricular pacing lead for avoidance of phrenic nerve stimulation in a canine model. *Heart Rhythm*. 2012; 9: 789-795 [IF 2012: 5,045]
179. Bogale N, Priori S, Cleland JG, Brugada J, Linde C, **Auricchio A**, van Veldhuisen DJ, Limbourg T, Gitt A, Gras D, Stellbrink C, Gasparini M, Metra M, Derumeaux G, Gadler F, Buga L, Dickstein K; Scientific Committee, National Coordinators, and Investigators. The European CRT Survey: 1 year (9-15 months) follow-up results. *Eur J Heart Fail*. 2012; 14: 61-73 [IF 2012: 5,247]
180. Dubner S, **Auricchio A**, Steinberg JS, Vardas P, Stone P, Brugada J, Piotrowicz R, Hayes DL, Kirchhof P, Breithardt G, Zareba W, Schuger C, Aktas MK, Chudzik M, Mittal S, Varma N. ISHNE/EHRA expert consensus on remote monitoring of cardiovascular implantable electronic devices (CIEDs). *Europace*. 2012; 14: 278-293, [IF 2012: 2,765]
181. Dubner S, **Auricchio A**, Steinberg JS, Vardas P, Stone P, Brugada J, Piotrowicz R, Hayes DL, Kirchhof P, Breithardt G, Zareba W, Schuger C, Aktas MK, Chudzik M, Mittal S, Varma N. ISHNE/EHRA expert consensus on remote monitoring of cardiovascular implantable electronic devices (CIEDs). *Ann Noninvasive Electrocardiol*. 2012; 17: 36-56 [IF 2012: 1,084]
182. Faletra FF, Nucifora G, Regoli F, Ho SY, Moccetti T, **Auricchio A**. Anatomy of pulmonary veins by real-time 3D TEE: implications for catheter-based pulmonary vein ablation. *JACC Cardiovasc Imaging*. 2012; 5: 456-462 [IF 2012: 6,164]
183. McMurray JJ, Adamopoulos S, Anker SD, **Auricchio A**, Böhm M, Dickstein K, Falk V, Filippatos G, Fonseca C, Gomez-Sanchez MA, Jaarsma T, Køber L, Lip GY, Maggioni AP, Parkhomenko A, Pieske BM, Popescu BA, Rønnevik PK, Rutten FH, Schwitler J, Seferovic P, Stepinska J, Trindade PT, Voors AA, Zannad F, Zeiher A; ESC Committee for Practice Guidelines. ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association (HFA) of the ESC. *Eur Heart J*. 2012; 33: 1787-1847 [IF 2012: 14,097]
184. Bongiorno MG, Blomström-Lundqvist C, Kennergren C, Dagres N, Pison L, Svendsen JH, **Auricchio A**; Scientific Initiative Committee, European Heart Rhythm Associ-

ation. Current practice in transvenous lead extraction: a European Heart Rhythm Association EP Network Survey. *Europace*. 2012; 14: 783-786 [IF 2012: 2,765]

185. Exner DV, **Auricchio A**, Singh JP. Contemporary and future trends in cardiac resynchronization therapy to enhance response. *Heart Rhythm*. 2012; 9: S27-S35 [IF 2012: 5,045]
186. McMurray JJ, Adamopoulos S, Anker SD, **Auricchio A**, Böhm M, Dickstein K, Falk V, Filippatos G, Fonseca C, Gomez-Sanchez MA, Jaarsma T, Køber L, Lip GY, Maggioni AP, Parkhomenko A, Pieske BM, Popescu BA, Rønnevik PK, Rutten FH, Schwitter J, Seferovic P, Stepinska J, Trindade PT, Voors AA, Zannad F, Zeiher A; Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology, Bax JJ, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Kirchhof P, Knuuti J, Kolh P, McDonagh T, Moulin C, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Tendera M, Torbicki A, Vahanian A, Windecker S, McDonagh T, Sechtem U, Bonnet LA, Avraamides P, Ben Lamin HA, Brignole M, Coca A, Cowburn P, Dargie H, Elliott P, Flachskampf FA, Guida GF, Hardman S, Jung B, Merkely B, Mueller C, Nanas JN, Nielsen OW, Orn S, Parissis JT, Ponikowski P; ESC Committee for Practice Guidelines. ESC guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association (HFA) of the ESC. *Eur J Heart Fail*. 2012; 14: 803-869 [IF 2012: 5,247]
187. Daubert JC, Saxon L, Adamson PB, **Auricchio A**, Berger RD, Beshai JF, Breithard O, Brignole M, Cleland J, Delurgio DB, Dickstein K, Exner DV, Gold M, Grimm RA, Hayes DL, Israel C, Leclercq C, Linde C, Lindenfeld J, Merkely B, Mont L, Murgatroyd F, Prinzen F, Saba SF, Shinbane JS, Singh J, Tang AS, Vardas PE, Wilkoff BL, Zamorano JL; Peer Reviewers, Anand I, Blomström-Lundqvist C, Boehmer JP, Calkins H, Cazeau S, Delgado V, Estes NA, Haines D, Kusumoto F, Leyva P, Ruschitzka F, Stevenson LW, Torp-Pedersen CT. 2012 EHRA/ HRS expert consensus statement on cardiac resynchronization therapy in heart failure: implant and follow-up recommendations and management: A registered branch of the European Society of Cardiology (ESC), and the Heart Rhythm Society; and in collaboration with the Heart Failure Society of America (HFSA), the American Society of Echocardiography (ASE), the American Heart Association (AHA), the European Association of Echocardiography (EAE) of the ESC and the Heart Failure Association of the ESC (HFA). \* Endorsed by the governing bodies of AHA, ASE, EAE, HFSA, HFA, EHRA, and HRS. *Europace*. 2012;14: 1236-1286 [IF 2012: 2,765]
188. Daubert JC, Saxon L, Adamson PB, **Auricchio A**, Berger RD, Beshai JF, Breithard O, Brignole M, Cleland J, Delurgio DB, Dickstein K, Exner DV, Gold M, Grimm RA, Hayes DL, Israel C, Leclercq C, Linde C, Lindenfeld J, Merkely B, Mont L, Murgatroyd F, Prinzen F, Saba SF, Shinbane JS, Singh J, Tang AS, Vardas PE, Wilkoff BL, Zamorano JL. 2012 EHRA/HRS expert consensus statement on cardiac resynchronization therapy in heart failure: implant and follow-up recommendations and management. *Heart Rhythm*. 2012; 9: 1524-1576 [IF 2012: 5,045]
189. Potse M, Krause D, Bacharova L, Krause R, Prinzen FW, **Auricchio A**. Similarities and differences between electrocardiogram signs of left bundle-branch block and left-ventricular uncoupling. *Europace*. 2012; 14(Suppl 5): v33-v39 [IF 2012: 2,765]

190. Arribas F, **Auricchio A**, Wolpert C, Merkely B, Merino JL, Boriani G, van der Velde E, Camm J, Vardas P. The EHRA White Book. *Europace*. 2012;14 (Suppl 3): iii1-55, [IF 2012: 2,765]
191. Faletra FF, Ho SY, Regoli F, Acena M, **Auricchio A**. Real-time three dimensional transoesophageal echocardiography in imaging key anatomical structures of the left atrium: potential role during atrial fibrillation ablation. *Heart*. 2013;99: 133-142 [IF 2013: 6,023]
192. Regoli F, Scopigni F, Leyva F, Landolina M, Ghio S, Tritto M, Calò L, Klersy C, **Auricchio A**; for the collaborative study group. Validation of Seattle Heart Failure Model for mortality risk prediction in patients treated with cardiac resynchronization therapy. *Eur J Heart Fail*. 2013;15: 211-220 [IF 2013: 6,577]
193. Boriani G, Maniadakis N, **Auricchio A**, Müller-Riemenschneider F, Fattore G, Leyva F, Mantovani L, Siebert M, Willich SN, Vardas P, Kirchhof P. Health technology assessment in interventional electrophysiology and device therapy: a position paper of the European Heart Rhythm Association. *Eur Heart J*. 2013; 34: 1869-1874 [IF 2013: 14,723]
194. **Auricchio A**, Delnoy PP, Regoli F, Seifert M, Markou T, Butter C. First-in-man implantation of leadless ultrasound-based cardiac stimulation pacing system: novel endocardial left ventricular resynchronization therapy in heart failure patients. *Europace*. 2013; 15: 1191-1197 [IF 2013: 3,050]
195. Sürder D, Radrizzani M, Turchetto L, Cicero VL, Soncin S, Muzzarelli S, **Auricchio A**, Moccetti T. Combined Delivery of Bone Marrow-Derived Mononuclear Cells in Chronic Ischemic Heart Disease: Rationale and Study Design. *Clin Cardiol*. 2013; 36: 435-441 [IF 2013: 2,225]
196. Pezzali N, Curnis A, Specchia C, Carubelli V, Covolo L, Donato F, **Auricchio A**, Regoli F, Metra M. Adrenergic receptor gene polymorphism and left ventricular reverse remodelling after cardiac resynchronization therapy: preliminary results. *Europace*. 2013;15: 1475-1481 [IF 2013: 3,050]
197. Blomström Lundqvist C, **Auricchio A**, Brugada J, Boriani G, Bremerich J, Cabrera JA, Frank H, Gutberlet M, Heidbuchel H, Kuck KH, Lancellotti P, Rademakers F, Winkels G, Wolpert C, Vardas PE. The use of imaging for electrophysiological and devices procedures: a report from the first European Heart Rhythm Association Policy Conference, jointly organized with the European Association of Cardiovascular Imaging (EACVI), the Council of Cardiovascular Imaging and the European Society of Cardiac Radiology. *Europace*. 2013; 15: 927-936 [IF 2013: 3,050]
198. Varma N, **Auricchio A**. Recommendations for post-implant monitoring of patients with cardiovascular implantable electronic devices: where do we stand today? *Europace*. 2013;15 (Suppl 1): i11-i13 [IF 2013: 3,050]
199. Brignole M, **Auricchio A**, Baron-Esquivias G, Bordachar P, Boriani G, Breithardt OA, Cleland J, Deharo JC, Delgado V, Elliott PM, Gorenek B, Israel CW, Leclercq C, Linde C, Mont L, Padeletti L, Sutton R, Vardas PE; ESC Committee for Practice Guidelines

(CPG), Zamorano JL, Achenbach S, Baumgartner H, Bax JJ, Bueno H, Dean V, Deaton C, Erol C, Fagard R, Ferrari R, Hasdai D, Hoes AW, Kirchhof P, Knuuti J, Kolh P, Lancellotti P, Linhart A, Nihoyannopoulos P, Piepoli MF, Ponikowski P, Sirnes PA, Tamargo JL, Tendera M, Torbicki A, Wijns W, Windecker S; Document Reviewers, Kirchhof P, Blomstrom-Lundqvist C, Badano LP, Aliyev F, Bänsch D, Baumgartner H, Bsata W, Buser P, Charron P, Daubert JC, Dobreanu D, Faerestrand S, Hasdai D, Hoes AW, Le Heuzey JY, Mavrakis H, McDonagh T, Merino JL, Nawar MM, Nielsen JC, Pieske B, Poposka L, Ruschitzka F, Tendera M, Van Gelder IC, Wilson CM. 2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy: The Task Force on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC). Developed in collaboration with the European Heart Rhythm Association (EHRA). *Eur Heart J*. 2013; 34: 2281-2329 [IF 2013: 14,723]

200. Brignole M, **Auricchio A**, Baron-Esquivias G, Bordachar P, Boriani G, Breithardt OA, Cleland J, Deharo JC, Delgado V, Elliott PM, Gorenek B, Israel CW, Leclercq C, Linde C, Mont L, Padeletti L, Sutton R, Vardas PE; ESC Committee for Practice Guidelines (CPG), Zamorano JL, Achenbach S, Baumgartner H, Bax JJ, Bueno H, Dean V, Deaton C, Erol C, Fagard R, Ferrari R, Hasdai D, Hoes AW, Kirchhof P, Knuuti J, Kolh P, Lancellotti P, Linhart A, Nihoyannopoulos P, Piepoli MF, Ponikowski P, Sirnes PA, Tamargo JL, Tendera M, Torbicki A, Wijns W, Windecker S; Document Reviewers, Kirchhof P, Blomstrom-Lundqvist C, Badano LP, Aliyev F, Bänsch D, Baumgartner H, Bsata W, Buser P, Charron P, Daubert JC, Dobreanu D, Faerestrand S, Hasdai D, Hoes AW, Le Heuzey JY, Mavrakis H, McDonagh T, Merino JL, Nawar MM, Nielsen JC, Pieske B, Poposka L, Ruschitzka F, Tendera M, Van Gelder IC, Wilson CM. 2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy: The Task Force on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC). Developed in collaboration with the European Heart Rhythm Association (EHRA). *Europace*. 2013; 15: 1070-1118 [IF 2013: 3,050]
201. Strik M, van Deursen CJ, van Middendorp LB, van Hunnik A, Kuiper M, **Auricchio A**, Prinzen FW. Transseptal conduction as an important determinant for cardiac resynchronization therapy, as revealed by extensive electrical mapping in the dyssynchronous canine heart. *Circ Arrhythm Electrophysiol*. 2013; 24: 171-175 [IF 2013: 5,417]
202. Bongiorni MG, Romano SL, Kennergren C, Butter C, Deharo JC, Kutarsky A, Rinaldi CA, Maggioni AP, Blomström-Lundqvist C, **Auricchio A**. ELECTRa (European) Lead Extraction ConTROLled) Registry-Shedding light on transvenous lead extraction real-world practice in Europe. *Herzschritmacherther Elektrophysiol*. 2013; 24: 171-175 [IF 2013: 0,912]
203. Prinzen FW, Kroon W, **Auricchio A**. U-shaped mechanical activation 4 u? *JACC Cardiovasc Imaging*. 2013; 6: 874-876 [IF 2013: 6,986]
204. Kirchhof P, Breithardt G, Aliot E, Khatib SA, Apostolakis S, **Auricchio A**, Bailleul C, Bax J, Benninger G, Blomstrom-Lundqvist C, Boersma L, Boriani G, Brandes A, Brown H, Brueckmann M, Calkins H, Casadei B, Clemens A, Crijns H, Derwand R, Dobrev D, Ezekowitz M, Fetsch T, Gerth A, Gillis A, Gulizia M, Hack G, Haegeli L, Hatem S, Georg Häusler K, Heidbüchel H, Hernandez-Brichis J, Jais P, Kappenberger L, Kautzner J, Kim S, Kuck KH, Lane D, Leute A, Lewalter T, Meyer R, Mont L, Moses

- G, Mueller M, Münzel F, Näbauer M, Nielsen JC, Oeff M, Oto A, Pieske B, Pisters R, Potpara T, Rasmussen L, Ravens U, Reiffel J, Richard-Lordereau I, Schäfer H, Schotten U, Stegink W, Stein K, Steinbeck G, Szumowski L, Tavazzi L, Themistoclakis S, Thomitzek K, Van Gelder IC, von Stritzky B, Vincent A, Werring D, Willems S, Lip GY, Camm AJ. Personalized management of atrial fibrillation: Proceedings from the fourth Atrial Fibrillation competence NETwork/European Heart Rhythm Association consensus conference. *Europace*. 2013;15: 1540-1556 [IF 2013: 3,050]
205. Strik M, van Middendorp LB, Houthuizen P, Ploux S, van Hunnik A, Kuiper M, **Auricchio A**, Prinzen FW. The interplay of electrical wave fronts as determinant of the response to cardiac resynchronization therapy in dyssynchronous canine hearts. *Circ Arrhythm Electrophysiol*. 2013; 6: 924-931 [IF 2013: 5,417]
206. Compare A, Grossi E, Buscema M, Zarbo C, Mao X, Faletra F, Pasotti E, Moccetti T, Mommersteeg PM, **Auricchio A**. Combining personality traits with traditional risk factors for coronary stenosis: an artificial neural networks solution in patients with computed tomography detected coronary artery disease. *Cardiovasc Psychiatry Neurol*. 2013; 2013: 814-967 [IF 2013: 2.80]
207. Gasparini M, Leclercq C, Lunati M, Landolina M, **Auricchio A**, Santini M, Boriani G, Lamp B, Proclemer A, Curnis A, Klersy C, Leyva F. Cardiac Resynchronization Therapy in Patients With Atrial Fibrillation: The CERTIFY Study (Cardiac Resynchronization Therapy in Atrial Fibrillation Patients Multinational Registry). *JACC Heart Fail*. 2013; 1: 500-507 [No IF]
208. Prinzen FW, Vernooij K, **Auricchio A**. Cardiac Resynchronization Therapy: State-of-the-Art of Current Applications, Guidelines, Ongoing Trials, and Areas of Controversy. *Circulation*.;28:2407-2418, 2013 [IF 2013: 14,948]
209. Yamada S, Arrell DK, Kane GC, Nelson TJ, Perez-Terzic CM, Behfar A, Purushothaman S, Prinzen FW, **Auricchio A**, Terzic A. Mechanical Dyssynchrony Precedes QRS Widening in ATP-Sensitive K+Channel-Deficient Dilated Cardiomyopathy. *J Am Heart Assoc*. 2013; 5: 2 [IF 2013: 2,882]
210. Gasparini M, Leclercq C, Yu CM, **Auricchio A**, Steinberg JS, Lamp B, Klersy C, Leyva F. Absolute survival after cardiac resynchronization therapy according to baseline QRS duration: A multinational 10-year experience: Data from the Multicenter International CRT Study. *Am Heart J*. 2014; 167: 203-209 [IF 2013: 4,555]
211. **Auricchio A**, Delnoy PP, Butter C, Brachmann J, Van Erven L, Spitzer S, Moccetti T, Seifert M, Markou T, Laszo K, Regoli F; for the Collaborative Study Group. Feasibility, safety, and short-term outcome of leadless ultrasound-based endocardial left ventricular resynchronization in heart failure patients: results of the Wireless Stimulation Endocardially for CRT (WiSE-CRT) study. *Europace*. 2014; 16: 681-688 [IF 2013: 3,050]
212. Compare A, Mommersteeg PM, Faletra F, Grossi E, Pasotti E, Moccetti T, **Auricchio A**. Personality traits, cardiac risk factors, and their association with presence and severity of coronary artery plaque in people with no history of cardiovascular disease. *J Cardiovasc Med (Hagerstown)*. 2014; 15: 423-430 [IF 2013: 1.407]

213. **Auricchio A**, Gold MR, Brugada J, Nölker G, Arunasalam S, Leclercq C, Defaye P, Calò L, Baumann O, Leyva F. Long-term effectiveness of the combined minute ventilation and patient activity sensors as predictor of heart failure events in patients treated with cardiac resynchronization therapy: Results of the Clinical Evaluation of the Physiological Diagnosis Function in the PARADYM CRT device Trial (CLEPSYDRA) study. *Eur J Heart Fail.* 2014; 16: 663-670 [IF 2013: 6,577]
214. Arribas F, **Auricchio A**, Boriani G, Brugada J, Deharo JC, Hindriks G, Kuck KH, Merino JL, Vardas P, Wolpert C, Zeppenfeld K. Statistics on the use of cardiac electronic devices and electrophysiological procedures in 55 ESC countries: 2013 report from the European Heart Rhythm Association (EHRA). *Europace.* 2014; 16 Suppl 1 : i1-78 [IF 2013: 3,050]
215. The Task Force on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC). Developed in collaboration with the European Heart Rhythm Association (EHRA), Brignole M, **Auricchio A**, Baron-Esquivias G, Bordachar P, Boriani G, Breithardt OA, Cleland J, Deharo JC, Delgado V, Elliott PM, Gorenek B, Israel CW, Leclercq C, Linde C, Mont L, Padeletti L, Sutton R, Vardas PE. 2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. *Rev Esp Cardiol (Engl Ed).* 2014; 67: 58 [IF 2013: 3,342]
216. **Auricchio A**, Lumens J, Prinzen FW. Does cardiac resynchronization therapy benefit patients with right bundle branch block: cardiac resynchronization therapy has a role in patients with right bundle branch block. *Circ Arrhythm Electrophysiol.* 2014; 7: 532-542 [IF 2013: 5,417]
217. Acena M, Regoli F, Faletra FF, Tritto M, Klersy C, Murzilli R, Scopigni F, Penco M, Pasotti E, Moccetti T, Auricchio A. 3D real-time TEE during pulmonary vein isolation in atrial fibrillation. *JACC Cardiovasc Imaging.* 2014; 7: 737-738 [IF 2013: 6,986]
218. Leyva F, Nisam S, **Auricchio A**. 20 Years of Cardiac Resynchronization Therapy. *J Am Coll Cardiol.* 2014; 9: 1047-1058 [IF 2013: 15,343]
219. Virag N, Jacquemet V, Kappenberger L, **Auricchio A**. Seventh TRM Forum on Computer Simulation and Experimental Assessment of Cardiac Function: Creating the Basis for Tailored Therapies. *Europace.* 2014; 16 Suppl 4: iv1-iv2 [IF 2013: 3,050]
220. Potse M, Krause D, Kroon W, Murzilli R, Muzzarelli S, Regoli F, Caiani E, Prinzen FW, Krause R, **Auricchio A**. Patient-specific modelling of cardiac electrophysiology in heart-failure patients. *Europace.* 2014; 16 Suppl 4: iv56-iv61 [IF 2013: 3,050]
221. van Middendorp LB, Strik M, Houthuizen P, Kuiper M, Maessen JG, **Auricchio A**, Prinzen FW. Electrophysiological and haemodynamic effects of vernakalant and flecainide in dyssynchronous canine hearts. *Europace.* 2014; 16: 1249-1256 [IF 2013: 3,050]
222. Dickstein K, Normand C, Anker SD, **Auricchio A**, Lundqvist CB, Bogale N, Cleland J, Filippatos G, Gasparini M, Gitt A, Hindricks G, Kuck KH, Ponikowski P, Stellbrink C, Ruschitzka F, Linde C. European Cardiac Resynchronization Therapy Survey II: rationale and design. *Europace.* 2015; 17: 137-141 [IF 2013: 3,050]

223. Regoli F, Caputo M, Conte G, Faletta 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; 12: 313-320 [IF 2015: 4,391]
224. **Auricchio A**, Schloss EJ, Kurita T, Meijer A, Gerritse B, Zweibel S, AlSmadi FM, Leng CT, Sterns LD; On behalf of the PainFree SST Investigators. Low inappropriate shock rates in patients with single and dual/triple chamber ICDs using a novel suite of detection algorithms: PainFree SST Trial Primary Results. *Heart Rhythm*. 2015; 12: 926-936 [IF 2015: 4,391]
225. Vassalli G, D'Angeli I, Scherff F, Sürder D, Mantovani A, Pasotti E, Klersy C, **Auricchio A**, Moccetti T, Pedrazzini GB. Comparison of clinical and angiographic prognostic risk scores in elderly patients presenting with acute coronary syndrome and referred for percutaneous coronary intervention. *Swiss Med Wkly*. 2015; 6: 145: w14049 [IF 2015: 1,549]
226. Kroon W, Lumens J, Potse M, Suerder D, Klersy C, Regoli F, Murzilli R, Moccetti T, Delhaas T, Krause R, Prinzen FW, **Auricchio A**. In-vivo electromechanical assessment of heart failure patients with prolonged QRS duration. *Heart Rhythm*. 2015; 12: 1259-1267 [IF 2015: 4,391]
227. Gasparini M, Klersy C, Leclercq C, Lunati M, Landolina M, **Auricchio A**, Santini M, Boriani G, Proclemer A, Leyva F. Validation of a simple risk stratification tool for patients implanted with Cardiac Resynchronization Therapy: the VALID-CRTrisk score. *Eur J Heart Fail*. 2015; 17: 717-724 [IF 2015: 5,135]
228. 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; 48: 617-625 [IF 2015: 1,290]
229. 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 [IF 2016: 4,521]
230. Conte G, Regoli F, Moccetti T, **Auricchio A**. Subcutaneous implantable cardioverter-defibrillator and drug-induced Brugada syndrome: the importance of repeat morphology analysis during ajmaline challenge. *Eur Heart J*. 2016; 37: 1498 [IF 2016: 20,212]
231. Pluijmert M, Lumens J, Potse M, Delhaas T, **Auricchio A**, Prinzen FW. Computer modelling for better diagnosis and therapy of patients by cardiac resynchronisation Therapy. *Arrhythm Electrophysiol Rev*. 2016; 4: 62-67
232. Regoli F, Moccetti T, Pasotti E, **Auricchio A**, Moccetti M. Combined left atrial appendage closure and pace-maker implant through a single right femoral vein access. *Pacing Clin Electrophysiol*. 2016; 39: 900-902 [IF 2016: 1,486]



233. Sterns LD, Meine M, Kurita T, Meijer A, **Auricchio A**, Ando K, Leng CT, Okumura K, Sapp JL, Brown ML, Lexcen DR, Gerritse B, Schloss EJ. Extended detection time to reduce shocks is safe in secondary prevention patients: the secondary prevention sub-study of painfree SST. *Heart Rhythm*. 2016; 13: 1489-1496 [IF 2016: 4,825]
234. Piazzese C, Carminati MC, Colombo A, Krause R, Potse M, **Auricchio A**, Weinert L, Tamborini G, Pepi M, Lang RM, Caiani EG. Segmentation of the left ventricular endocardium from magnetic resonance images by using different statistical shape models. *J of Electrocardiol*. 2016; 49: 383-391 [IF 2016: 1,514]
235. 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 [IF 2016: 6,968]
236. Olde Nordkamp LR, Conte G, Rosenmöller BR, Warnaaars 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; 68: 665-666 [IF 2016: 19,896]
237. Feldman T, Komtebedde J, Burkhoff D, Massaro J, Maurer MS, Leon MB, Kaye D, Silvestry FE, Cleland JG, Kitzman D, Kubo SH, Van Veldhuisen DJ, Kleber F, Trochu JN, **Auricchio A**, Gustafsson F, Hasenfuss G, Ponikowski P, Filippatos G, Mauri L, Shah SJ. Transcatheter interatrial shunt device for the treatment of heart failure: rationale and design of the randomized trial to REDUCE elevated left atrial pressure in heart failure (REDUCE LAP-HF I). *Circ Heart Fail*. 2016; 9(7) [IF 2016: 6,372]
238. **Auricchio A**, Ellenbogen KA. Reducing ventricular pacing frequency in patients with atrioventricular block: is it time to change the current pacing paradigm? *Circ Arrhythm Electrophysiol*. 2016; 9 [IF 2016: 5,41]
239. 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; 5: 84-89
240. Conte G, de Asmundis C, Sieira J, Ciconte G, Di Giovanni G, Chierchia GB, Casado-Arroyo R, Baltogiannis G, Ströker E, Irfan G, Pappaert G, **Auricchio A**, Brugada P. Prevalence and clinical impact of early repolarization, pattern and QRS-fragmentation in high-risk patients with Brugada syndrome. *Circ J*. 2016; 80(10): 2109-2116 [IF 2016: 3,544]
241. Bucciarelli-Ducci C, Baritussi A, **Auricchio A**. Cardiac MRI anatomy and function as a substrate for arrhythmias. *Europace*. 2016; 18 (suppl 4): iv130-iv135 [IF 2016: 4,521]
242. Favino M, Pozzi S, Pezzuto S, Prinzen FW, **Auricchio A**, Krause R. Impact of mechanical deformation on pseudo-ECG: a simulation study. *Europace*. 2016; 18(suppl 4): iv77-iv84 [IF 2016: 4,521]

243. Saha M, Conte G, Caputo ML, Regoli F, Krause R, **Auricchio A**, Jacquemet V. Changes in P-wave morphology after pulmonary vein isolation: insights from computer simulations. *Europace*. 2016; 18 (suppl 4): iv23-iv34 [IF 2016: 4,521]
244. Virag N, Jacquemet V, Kappenberger L, **Auricchio A**. Eighth TRM forum on computer simulation and experimental assessment of cardiac function: towards integration of cardiac functions. *Europace*. 2016; 18(suppl 4): iv1-iv3 [IF 2016: 4,521]
245. **Auricchio A**. Pacing-correctable mitral regurgitation: something old, something new. *Circ Arrhythm Electrophysiol*. 2016; 9(11). pii: e004736 [IF 2016: 5,41]
246. 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; 114: 73-78 [IF 2017: 5,863]
247. 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*. 2017 Feb 1; 19(2): 259-266 [IF 2017: 5,231]
248. 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*. 2017; 228: 31-36 [IF 2017: 4,034]
249. 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*. 2017; 119(2): 275-279 [IF 2017: 3,171]
250. 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; 110: 12-17 [IF 2017: 5,863]
251. 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; 241: 270-276 [IF 2017: 4,034]
252. **Auricchio A**, Hudnall JH, Schloss EJ, Sterns LD, Kurita T, Meijer A, Fagan DH, Rogers T. Inappropriate shocks in single-chamber and subcutaneous implantable cardioverter-defibrillators: a systematic review and meta-analysis. *Europace*. 2017; 19(12): 1973-1980 [IF 2017: 5,231]
253. 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; 49(1): 101-102 [IF 2017: 1,522]

254. Bongioni MG, Kennergren C, Butter C, Deharo JC, Kutarski A, Rinaldi CA, Romano SL, Maggioni AP, Andarala M, **Auricchio A**, Kuck KH, Blomström-Lundqvist C; on behalf of Electra investigators. The European lead extraction controlled (ELECTRA) study: a European Heart Rhythm Association (EHRA) registry of transvenous lead extraction outcomes. *Eur Heart J*. 2017; 21; 38(40): 2995-3005 [IF 2017: 23,425]
255. 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; 120 (2): 236-242 [IF 2017: 3,171]
256. Pezzuto S, Kalávký P, Potse M, Prinzen FW, **Auricchio A**, Krause R. Evaluation of a rapid anisotropic model for ECG simulation. *Front Physiol*. 2017; 8: 265 [IF 2017: 3,394]
257. De Regibus V, Iacopino S, Abugattas JP, Coutiño HE, Mugnai G, Storti C, Conte G, **Auricchio A**, Moran D, Ströker E, Marroquin L, Takarada K, Choudhury R, deAsmundis C, Brugada P, Chierchia GB. Single freeze strategy with the second-generation cryballoon for atrial fibrillation: a multicenter international retrospective analysis in a large cohort of patients. *J Interv Card Electrophysiol*. 2017; 49(2): 173-180 [IF 2017: 1,522]
258. Conen D, Rodondi N, Mueller A, Beer J, **Auricchio A**, Ammann P, Hayoz D, Kobza R, Moschovitis G, Shah D, Schlaepfer J, Novak J, di Valentino M, Erne P, Sticherling C, Bonati L, Ehret G, Roten L, Fischer U, Monsch A, Stippich C, Wuerfel J, Schwenkglens M, Kuehne M, Osswald S. Design of the Swiss atrial fibrillation cohort study (Swiss-AF): structural brain damage and cognitive decline among patients with atrial fibrillation. *Swiss Med Wkly*. 2017; 147: w14467 eCollection [IF 2017: 1,928]
259. 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, Vernooij 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; 12 (7) eCollection [IF 2017: 2,766]
260. **Auricchio A**, Regoli F, Conte G, Caputo ML. Key Lessons from the electra registry in the modern era of transvenous lead extraction. *Arrhythmia & Electrophysiology Review*. 2017; 6(3): 111-113
261. **Auricchio A**, FW Prinzen. Enhancing Response in the CRT Patient: the 3B approach – Bench, Bits and Bedside. *JACC EP*. 2017; 3:1203.1219
262. **Auricchio A**. It is time for a wake-up call: How to use the best-in-class technology for the most challenging CRT patients. *JACC EP*. 2017; 3: 815-817
263. Burri H, Müller H, Kobza R, Sticherling C, Ammann P, Zerlik H, Stettler C, Klersy C, Prinzen F, **Auricchio A**. Right versus left apical transvenous pacing for bradycardia: results of the RIVELA randomized study. *Indian Pacing Electrophysiol J*. 2017; 17(6):171-175

264. Sanchez C, D'Ambrosio G, Maffessanti F, Caiani EG, Prinzen FW, Krause R, **Auricchio A**, Potse M. Sensitivity analysis of ventricular activation and electrocardiogram in tailored models of heart failure patients. *Med Biol Eng Comput* 2018; Mar;56(3):491-504 [IF 2018: 2,36]
265. F Maffessanti, FW Prinzen, G Conte, F Regoli, ML Caputo, T Moccetti, F Faletra, R Krause, **A Auricchio**. Integrated assessment of left ventricular electrical activation and myocardial strain mapping in heart failure patients: a holistic diagnostic approach for endocardial cardiac resynchronization therapy, ablation of ventricular tachycardia and biological therapy *JACC Clin Electrophysiol*. 2018; 4(1):138-146
266. Sears SF, Rosman L, Sasaki S, Kondo Y, Sterns LD, Schloss EJ, Kurita T, Meijer A, Rajmakers J, Gerritse B, **Auricchio A**. Defibrillator Shocks and their Impact on Objective and Subjective Patient Outcomes: Results from the PainFree SST Clinical Trial, *Heart Rhythm*. 2018;15(5):734-740 [IF 2018: 5,225]
267. **Auricchio A**, Ward A, Heggermont. Technology Advances to Improve the Response to Cardiac Resynchronization Therapy: what the clinician should know. *Rev Esp Cardiol (Engl Ed.)*. 2018; 71(6):477-484 [IF 2018: 5,078]
268. Kotecha D, Breithardt G, Camm AJ, Lip GYH, Schotten U, Ahlsson A, Arnar D, Atar D, **Auricchio A**, Bax J, Benussi S, Blomstrom-Lundqvist C, Borggrefe M, Boriani G, Brandes A, Calkins H, Casadei B, Castellá M, Chua W, Crijns H, Dobrev D, Fabritz L, Feuring M, Freedman B, Gerth A, Goette A, Guasch E, Haase D, Hatem S, Haeusler KG, Heidbuchel H, Hendriks J, Hunter C, Kääb S, Kespohl S, Landmesser U, Lane DA, Lewalter T, Mont L, Nabauer M, Nielsen JC, Oeff M, Oldgren J, Oto A, Pison L, Potpara T, Ravens U, Richard-Lordereau I, Rienstra M, Savelieva I, Schnabel R, Sinner MF, Sommer P, Themistoclakis S, Van Gelder IC, Vardas PE, Verma A, Wakili R, Weber E, Werring D, Willems S, Ziegler A, Hindricks G, Kirchhof P. Integrating new approaches to atrial fibrillation management: the 6th AFNET/EHRA Consensus Conference. *Europace*. 2018; 1; 20(3): 395-407 [IF 2018: 5,047]
269. Conte G, Caputo ML, Volders PGA, Luca A, Mainardi L, Schotten U, Corino VDA, Regoli F, Zeemering S, Zink M, Yazdani S, Kappenberger L, Moccetti T, Vesin JM, **Auricchio A**. Concealed abnormal atrial phenotype in patients with Brugada syndrome and no history of atrial fibrillation. *Int J Cardiol*. 2018;15; 253: 66-70 [IF 2018: 3,471]
270. Regoli F, Faletra F, Marcon S, Leo LA, Dequarti MC, Caputo ML, Conte G, Moccetti T, **Auricchio A**. Anatomic characterization of cavotricuspid isthmus by 3D transesophageal echocardiography in patients undergoing radiofrequency ablation of typical atrial flutter. *Eur Heart J Cardiovasc Imaging*. 2018; 19(1): 84-91 [IF 2018: 5,260]
271. Rinaldi CA, **Auricchio A**, Prinzen FW. Left ventricular endocardial pacing for the critically ill. *Intensive Care Med*. 2018; doi.org/10.1007/s00134-018-5062-7 [IF 2018: 18,967]
272. Dickstein K, Normand C, **Auricchio A**, Bogale N, Cleland J, Gitt A, Stellbrink C, Anker S, Filippatos G, Gasparini M, Hindricks G, Lundqvist CB, Ponikowski P, Ruschitzka

- F, Botto GL, Bulava A, Duray G, Israel C, Leclercq C, Margitfalvi P, Cano O, Plummer C, Sarigul UN, Sterlinski M, Linde C. CRT Survey II: a European Society of Cardiology survey of cardiac resynchronization therapy in 11'088 patients: who is doing what to whom and how? *European Journal of Heart Failure*. 2018;20(6):1039-1051 [IF 2018: 12,129]
273. Berruezo A, Linhart M, **Auricchio A**, Zamorano JL, Santamaria P, Borràs R, Burgos F, Brugada J. Rationale and design of the TRICHAMPION trial: triple chamber pacing in hypertrophic obstructive cardiomyopathy patients. *J Interv Card Electrophysiol*. 2018; 51(2):117-124 [IF 2018: 1,534]
274. Tierney NJ, Reinhold HJ, Mira A, Weiser M, Burkart R, Benvenuti C, **Auricchio A**. Novel relocation methods for automatic external defibrillator improve out-of-hospital cardiac arrest coverage under limited resources. *Resuscitation*. 2018;125:83-89 [IF 2018: 4,572]
275. Regoli F, D'Ambrosio G, Caputo ML, Svab S, Conte G, Moccetti T, Klersy C, Cassina T, Demertzis S, **Auricchio A**. New-onset pericardial effusion during transvenous lead extraction: incidence, causative mechanisms, and associated factors. *J Interv Card Electrophysiol*. 2018;51(3):253-261 [IF 2018: 1,534]
276. Theuns DAMJ, Brouwer TF, Jones P, Allavatam V, Donnelley S, **Auricchio A**, Knops RE, Burke MC. A prospective, blinded evaluation of a novel sensing methodology designed to reduce inappropriate shocks by the subcutaneous implantable defibrillator. *Heart Rhythm*. 2018;15(10):1515-1522 [IF 2018: 5,225]
277. Özkartal T, Regoli F, Conte G, Caputo ML, Klersy C, Moccetti T, **Auricchio A**. New onset of phrenic nerve palsy after laser-assisted transvenous lead extraction: a single-centre experience. *Europace*. 2018; 20(11):1827-1832 [IF 2018: 5,047]
278. Linde CM, Normand C, Bogale N, **Auricchio A**, Sterlinski M, Marinskis G, Sticherling C, Bulava A, Cano OP, Maas A, Witte KK, Rekvava R, Abdelali S, Dickstein K. Upgrades from a previous device compared to de novo cardiac resynchronization therapy in the European Society of Cardiology CRT Survey II. *Eur J Heart Fail*. 2018;20(10):1457-1468.[IF 2018: 12,129]
279. Quaglino A, Pezzuto S, Koutsourelakis PS, **Auricchio A**, Krause R. Fast uncertainty quantification of activation sequences in patient-specific cardiac electrophysiology meeting clinical time constraints. *International Journal for Numerical Methods in Biomedical Engineering*. 2018;34(7):e2985. [IF 2018: 2.338]
280. Conte G, Soejima K, de Asmundis C, Chierchia GB, Badini M, Miwa Y, Caputo ML, Özkartal T, Maffessanti F, Sieira J, Degreeef Y, Stroker E, Regoli F, Moccetti T, Brugada P, **Auricchio A**. Value of high-resolution mapping in optimizing cryoballoon ablation of atrial fibrillation. *Int J Cardiol*. 2018;270:136-142.[IF 2018: 3,471]
281. 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*; 2018; 20(7): 1188-1193 [IF 2018: 5,047]

282. Kurita T, Ando K, Ueda M, Shizuta S, Okamura H, Matsumoto N, Gerritse B, Fagan DH, Schloss EJ, Meijer A, **Auricchio A**, Sterns LD, Okumura K; PainFree SST investigators. Comparison of ICD shock rates in Japanese and non-Japanese patients in the PainFree SST study. *Pacing Clin Electrophysiol*. 2018;41(9):1185-1191 [IF 2018: 1,340]
283. Caputo ML, van Stipdonk A, Illner A, D'Ambrosio G, Regoli F, Conte G, Moccetti T, Klersy C, Prinzen FW, Vernooy K, **Auricchio A**. The definition of left bundle branch block influences the response to cardiac resynchronization therapy. *Int J Cardiol*. 2018;269:165-169 [IF 2018: 3,471]
284. Gold MR, **Auricchio A**, Leclercq C, Lowy J, Rials SJ, Shoda M, Tomassoni G, Yong P, Wold N, Ellenbogen KA. The rationale and design of the SMART CRT trial. *Pacing Clin Electrophysiol*. 2018;41(9):1212-1216. [IF 2018: 1,340]
285. Zeljkovic I, Burri H, Breitenstein A, Ammann P, Mueller A, **Auricchio A**, Delacrétaiz E, Dickstein K, Linde C, Normand C, Sticherling C. Cardiac Resynchronisation Therapy (CRT) Survey II: CRT implantation in Europe and Switzerland. *Swiss Med Wkly*. 2018 Aug 22;148:w14643 eCollection 2018 [IF 2018: 1,821]
286. Katritsis DG, **Auricchio A**. Do we need an implantable cardioverter-defibrillator for primary prevention in cardiac resynchronisation therapy patients? *Arrhythm Electrophysiol Rev*. 2018;7(3):157-158
287. Pezzuto S, Gharaviri A, Schotten U, Potse M, Conte G, Caputo ML, Regoli F, Krause R, **Auricchio A**. Beat to beat P-wave morphological variability in patients with paroxysmal atrial fibrillation: an in silico study. *Europace*, 2018; 20(suppl\_3):26-35 doi:10.1093/europace/euy227 [IF 2018: 5,047]
288. Gharaviri A, Verheule S, Eckstein J, Potse M, Krause R, **Auricchio A**, Kuijpers NH, Schotten U. Effect of NA<sup>+</sup>-channel blockade on the three-dimensional substrate of atrial fibrillation in a model of endo-epicardial dissociation and transmural conduction. *Europace* 2018, 20(suppl\_3):69-76 doi:10.1093/europace/euy236 [IF 2018: 5,047]
289. Nguyễn UC, Potse M, Vernooy K, Mafi-Rad M, Heijman J, Caputo ML, Conte G, Regoli F, Krause R, Moccetti T, **Auricchio A**. A left bundle branch block activation sequence and ventricular pacing influence voltage amplitudes: an in vivo and in silico study. *Europace* 2018, 20(suppl\_3):77-86 doi:10.1093/europace/euy233 [IF 2018: 5,047]
290. Virag N, Jacquemet V, Kappenberger L, Krause R, Prinzen F, **Auricchio A**. 9<sup>th</sup> Theo Rossi di Montelera forum on computer simulation and experimental assessment of cardiac function: from model to clinical outcome. *Europace*. 2018;20(suppl\_3):1-2. doi: 10.1093/europace/euy256. [IF 2018: 5,047]
291. De Regibus V, Abugattas JP, Iacopino S, Mugnai G, Storti C, Conte G, **Auricchio A**, Ströker E, Coutiño HE, Takarada K, Salghetti F, Lusoc I, Capulzini L, Brugada P, de

Asmundis C, Chierchia GB. Single freeze per vein strategy with the second-generation cryoballoon for atrial fibrillation: a propensity score-matched study between 180- and 240-s application time in a large cohort of patients. *Europace*. 2018; 20 (FI\_3): f377-f383 [IF 2018: 5,047]

292. Zucchelli G, Di Cori A, Segreti L, Laroche C, Blomstrom-Lundqvist C, Kutarski A, Regoli F, Butter C, Defaye P, Pasquié JL, **Auricchio A**, Maggioni AP, Bongiorno MG. Major cardiac and vascular complications after transvenous lead extraction: acute outcome and predictive factors from the ESC-EHRA ELECTRa (European Lead Extraction ConTRolled) registry. *Europace*. 2019 May 1;21(5):771-780. [IF 2019: 4,045]
293. Zweibel S, Cronin EM, Schloss EJ, **Auricchio A**, Kurita T, Sterns LD, Gerritse B, Lexcen DR, Cheng A. Estimating the incidence of atrial fibrillation in single-chamber implantable cardioverter defibrillator patients. *Pacing Clin Electrophysiol*. 2019; 42(2):132-138 [IF 2019: 1,303]
294. Caputo ML, Baldi E, Savastano S, Burkart R, Benvenuti C, Klersy K, Cianella R, Anselmi L, Moccetti T, Mauri R, De Ferrari GM, **Auricchio A**. Validation of the return of spontaneous circulation after cardiac arrest (RACA) score in two different national territories. *Resuscitation*. 2019;134:62-68 [IF 2019: 4,215]
295. Normand C, Linde C, Bogale N, Blomström-Lundqvist C, **Auricchio A**, Stellbrink C, Witte KK, Mullens W, Sticherling C, Marinskis G, Sciaraffia E, Papiashvili G, Lovev S, Dickstein K. Cardiac resynchronization therapy pacemaker or cardiac resynchronization therapy defibrillator: what determines the choice?-findings from the ESC CRT Survey II. *Europace*. 2019; 21(6):918-927 [IF 2019: 4,045]
296. Segreti L, Rinaldi CA, Claridge S, Svendsen JH, Blomstrom-Lundqvist C, **Auricchio A**, Butter C, Dagnes N, Deharo JC, Maggioni AP, Kutarski A, Kennergren C, Laroche C, Kempa M, Magnani A, Casteigt B, Bongiorno MG. Procedural outcomes associated with transvenous lead extraction in patients with abandoned leads: an ESC-EHRA ELECTRa (European Lead Extraction ConTRolled) Registry Sub-Analysis. *Europace*. 2019;21(4):645-654 [IF 2019: 4,045]
297. Özkartal T, **Auricchio A**, Conte G. Ajmaline infusion during automated screening in Brugada syndrome and spontaneous Type 1 electrocardiogram unmasks non-suitability for subcutaneous implantable cardioverter-defibrillator. *Eur Heart J*. 2019; 40(23):1888-1889 [IF 2019: 22,673]
298. Conen D, Rodondi N, Müller A, Beer JH, Ammann P, Moschovitis G, **Auricchio A**, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Blum S, Meyre P, Sticherling C, Bonati LH, Ehret G, Moutzouri E, Fischer U, Monsch AU, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglens M, Kühne M, Osswald S; Swiss-AF Study Investigators. Relationships of overt and silent brain lesions with cognitive function in patients with atrial fibrillation. *J Am Coll Cardiol*. 2019; 73(9):989-999 [IF 2019: 20,589]
299. Goette A, **Auricchio A**, Boriani G, Braunschweig F, Terradellas Brugada J, Burri H, Camm J A, Crijns H, Dagnes N, Deharo J-C, Dobrev D, Hatala R, Hindricks G,

Hohnloser S. H, Leclercq C, Lewalter T, Lip Y.H. G, Merino J. L, Mont L, Prinzen F, Proclemer A, Puererfellner H, Savelieva I, Schilling R, Steffel J, van Gelder I.C, Zeppenfeld K, Zupan I, Heidbüchel H; EHRA White Paper: Knowledge gaps in arrhythmia management: status 2019. *Europace*, 2019; doi:10.1093/europace/euz055 [IF 2019: 4,045]

300. Conte G, Schotten U, **Auricchio A**. The atrial phenotype of the inherited primary arrhythmia syndromes. *Arrhythm Electrophysiol Rev*. 2019; 8(1):42-46
301. Asatryan B, Schaller A, Seiler J, Servatius H, Noti F, Baldinger SH, Tanner H, Roten L, Dillier R, Lam A, Haeberlin A, Conte G, Saguner AM, Müller SA, Duru F, **Auricchio A**, Ammann P, Sticherling C, Burri H, Reichlin T, Wilhelm M, Medeiros-Domingo A. Usefulness of genetic testing in sudden cardiac arrest survivors with or without previous clinical evidence of heart disease. *Am J Cardiol*. 2019; 123(12):2031-2038 [IF 2019: 2,570]
302. Regoli F, **Auricchio A**, Di Cori A, Segreti L, Blomström-Lunqvist C, Butter C, Deharo JC, Kennergren C, Kutarski A, Laroche C, Zalevskiy V, Luzzi G, Cano O, Grabowski M, Rinaldi C, Bongiorni MG. Impact of anticoagulation therapy on outcomes in patients with cardiac implantable resynchronization devices undergoing transvenous lead extraction: A substudy of the ESC-EHRA EORP ELECTRa (European Lead Extraction ConTRolled) Registry. *J Cardiovasc Electrophysiol*. 2019; Jul;30(7):1086-1095 [IF 2019: 2,424]
303. **Auricchio A**, Gianquintieri L, Burkart R, Benvenuti C, Muschietti S, Peluso S, Mira A, Moccetti T, Caputo ML. Real-life time and distance covered by lay first responders alerted by means of smartphone-application: Implications for early initiation of cardiopulmonary resuscitation and access to automatic external defibrillators. *Resuscitation*. 2019;141:182-187. [IF 2019: 4,215]
304. Tierney NJ, Mira A, Reinhold HJ, Arbia G, Clifford S, **Auricchio A**, Moccetti T, Peluso S, Mengersen KL. Evaluating health facility access using Bayesian spatial models and location analysis methods. *PLoS One*. 2019 Aug 7;14(8). eCollection 2019. [IF 2019: 2,74]
305. Singh JP, Abraham WT, **Auricchio A**, Delnoy PP, Gold M, Reddy VY, Sanders P, Lindenfeld J, Rinaldi CA. Design and rationale for the Stimulation Of the Left Ventricular Endocardium for Cardiac Resynchronization Therapy in non-responders and previously untreatable patients (SOLVE-CRT) trial. *Am Heart J*. 2019 Nov;217:13-22 [IF 2019: 4,153]
306. Conte G, Belhassen B, Lambiase P, Ciconte G, de Asmundis C, Arbelo E, Schaer B, Frontera A, Burri H, Caló L, Letsas KP, Leyva F, Porter B, Saenen J, Zacà V, Berne P, Ammann P, Zardini M, Luani B, Rordorf R, Sarquella Brugada G, Medeiros-Domingo A, Geller JC, de Potter T, Stokke MK, Márquez MF, Michowitz Y, Honarbakhsh S, Conti M, Sticherling C, Martino A, Zegard A, Özkartal T, Caputo ML, Regoli F, Braun-Dullaeus RC, Notarangelo F, Moccetti T, Casu G, Rinaldi CA, Levinstein M, Haugaa KH, Derval N, Klersy C, Curti M, Pappone C, Heidbüchel H, Brugada J, Haïssaguerre M, Brugada P, **Auricchio A**. Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation



in patients with normal electrocardiograms: results from a multicentre long-term registry. *Europace*. 2019 Nov 1;21(11):1670-1677 [IF 2019: 4,045]

307. Di Cori A, **Auricchio A**, Regoli F, Blomström-Lundqvist C, Butter C, Dagres N, Deharo JC, Maggioni AP, Kutarski A, Kennergren C, Laroche C, Rinaldi CA, Dovellini EV, Golzio PG, Thøgersen AM, Bongioni MG; ESC-EHRA ELECTRa Investigators. Clinical impact of antithrombotic therapy in transvenous lead extraction complications: a sub-analysis from the ESC-EORP EHRA ELECTRa (European Lead Extraction ConTRolled) Registry. *Europace*. 2019 Jul 1;21(7):1096-1105. doi: 10.1093/europace/euz062. [IF 2019: 4,045]
308. **Auricchio A**, Gasparini M, Linde C, Dobreanu D, Cano Ó, Sterlinski M, Bogale N, Stellbrink C, Refaat MM, Blomström-Lundqvist C, Lober C, Dickstein K, Normand C. Sex-Related Procedural Aspects and Complications in CRT Survey II: A Multicenter European Experience in 11,088 Patients. *JACC Clin Electrophysiol*. 2019 5(9):1048-1058
309. Blum S, Aeschbacher S, Meyre P, Zwimpfer L, Reichlin T, Beer JH, Ammann P, **Auricchio A**, Kobza R, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Henz S, Meyer-Zürn C, Roten L, Schwenkglens M, Sticherling C, Kühne M, Osswald S, Conen D; Swiss-AF Investigators. Incidence and Predictors of Atrial Fibrillation Progression. *J Am Heart Assoc*. 2019 Oct 15;8(20):e012554. [IF 2019: 4,605]
310. van Stipdonk AMW, Vanbelle S, Ter Horst IAH, Luermans JG, Meine M, Maass AH, **Auricchio A**, Prinzen FW, Vernooy K. Large variability in clinical judgement and definitions of left bundle branch block to identify candidates for cardiac resynchronization therapy. *Int J Cardiol*. 2019 Jul 1;286:61-65. doi: 10.1016/j.ij-card.2019.01.051. Epub 2019 Jan 15. [IF 2019: 3,229]
311. Nof E, Bongioni MG, **Auricchio A**, Butter C, Dagres N, Deharo JC, Rinaldi CA, Maggioni AP, Kutarski A, Kennergren C, Laroche C, Milman A, Beinart R, Bogdan S, Mortsell D, Calvi V, Desiron Q, Mansourati J, Lundqvist CB, Glikson M. Comparison of outcomes in infected cardiovascular implantable electronic devices between complete, partial, and failed lead removal: an ESC-EHRA-EORP ELECTRa (European Lead Extraction ConTRolled) registry. *Europace*. 2019; 1;21(12):1876-1889 [IF 2019: 4,045]
312. Cheng A, **Auricchio A**, Schloss EJ, Kurita T, Sterns LD, Gerritse B, Brown ML, Fagan DH, Lexcen DR, Ellenbogen KA. SVT discrimination algorithms significantly reduce the rate of inappropriate therapy in the setting of modern day delayed high-rate detection programming. *J Cardiovasc Electrophysiol*. 2019 Dec;30(12):2877-2884 [IF 2019: 2,424]
313. Polewczyk A, Rinaldi CA, Sohal M, Golzio PG, Claridge S, Cano O, Laroche C, Kennergren C, Deharo JC, Kutarski A, Butter C, Blomström-Lundqvist C, Romano SL, Maggioni AP, **Auricchio A**, Diemberger I, Pisano ECL, Rossillo A, Kuck KH, Forster T, Bongioni MG; ELECTRa investigators group. Transvenous lead extraction procedures in women based on ESC-EHRA EORP European Lead Extraction ConTRolled ELECTRa registry: is female sex a predictor of complications. *Europace*. 2019; 1;21(12):1890-1899. [IF 2019: 4,045]

314. Heggermont W, **Auricchio A**, Vanderheyden M. Biomarkers to predict the response to cardiac resynchronization therapy. *Europace*. 2019 Nov 1;21(11):1609-1620. [IF 2019: 4,045]
315. Varma N, Boehmer J, Bhargava K, Yoo D, Leonelli F, Costanzo M, Saxena A, Sun L, Gold Michael R, Singh J, Gill J, **Auricchio A**. Evaluation, management, and outcomes of patients poorly responsive to cardiac resynchronizaton device therapy. 2019 *J Am Coll Cardiol*, Sep 9, doi.org/10.1016/j.jacc.2019.09.043 [IF 2019: 20,589]
316. Laureanti R, Conte G, Corino D.A. V, Osswald S, Conen D, Roten L, Rodondi N, Ammann P, Meyer-Zuern S. C, Bonati L, Mainardi T. L, **Auricchio A**; Sex-related electrocardiographic differences in patients with different types of atrial fibrillation: results from the Swiss-AF study. *Int J Cardiol*. 2020;15;307:63 [IF 2020: 4,164]
317. Maffessanti F, Jadczyk T, Kurzelowski R, Regoli F, Caputo ML, Conte G, Gołba KS, Biernat J, Wilczek J, Dąbrowska M, Pezzuto S, Moccetti T, Krause R, Wojakowski W, Prinzen FW, **Auricchio A**. The influence of scar on the spatio-temporal relationship between electrical and mechanical activation in heart failure patients. *Europace*. 2020;1;22(5):777-786. [IF 2020: 5,214]
318. Baldi E, Caputo ML, Savastano S, Burkart R, Klersy C, Benvenuti C, Sgromo V, Palo A, Cianella R, Cacciatore E, Oltrona Visconti L, De Ferrari GM, **Auricchio A**. An Utstein-based model score to predict survival to hospital admission: TheUB-ROSC score. *Int J Cardiol*. 2020, 1;308:84-89 [IF 2020: 4,164]
319. Peluso S, Mira A, Rue H, Tierney NJ, Benvenuti C, Cianella R, Caputo ML, **Auricchio A**. A Bayesian spatiotemporal statistical analysis of out-of-hospital cardiac arrests. *Biometrical Journal*. 2020;1-15 [IF 2020: 2,207]
320. Piazzese C, Carminati MC, Krause R, **Auricchio A**, Weinert L, Gripari P, Tamborini G, Pontone G, Andreini D, Lang R.M, Pepi M, Caiani E.G. 3D right ventricular endocardium segmentation in cardiac magnetic resonance images by using a new inter-modality statistical shape modelling method. *Biomedical Signal Processing and Control*, Volume 58, 2020 [IF 2020: 3,880]
321. **Auricchio A**, Faletta FF. Use of Contemporary Imaging Techniques for Electrophysiological and Device Implantation Procedures. *JACC Cardiovasc Imaging*. 2020;13(3):851-865 [IF 2020: 14,805]
322. Gharaviri A, Bidar E, Potse M, Zeemering S, Verheule S, Pezzuto S, Krause R, Maessen Jost G, **Auricchio A**, Schotten U. Epicardial fibrosis explains increased endo-epicardial dissociation and epicardial breakthroughs in human atrial fibrillation. *Front Physiol*. 2020; 21:11:68 [IF 2020: 3,367]
323. Laureanti R, Conte G, Corino VDA, Osswald S, Conen D, Roten L, Rodondi N, Ammann P, Meyer-Zuern CS, Bonati L, Mainardi LT, **Auricchio A**; Swiss-AF study investigators. Response to “Electrocardiographic sexual differences in patients with atrial fibrillation”. *Int J Cardiol*. 2020;1;308:50-51 [IF 2020: 4,164]

324. Sidhu BS, Porter B, Gould J, Sieniewicz B, Elliott M, Mehta V, Delnoy Peter P.H.M., Deharo J-C, Butter C, Seifert M, Boersma L. V.A., Riahi S, James S, Turley A J, **Auricchio A**, Betts R T, Niederer S, Sanders P, Rinaldi A C. Leadless left ventricular endocardial pacing in nonresponders to conventional cardiac resynchronization therapy. *Pacing Clin Electrophysiol.* 2020;43(9):966-973 [IF 2020: 1,976]
325. Sidhu BS, Gould J, Bunce C, Elliott M, Mehta V, Kennergren C, Butter C, Deharo JC, Kutarski A, Maggioni AP, **Auricchio A**, Kuck KH, Blomström-Lundqvist C, Bongiorni MG, Rinaldi CA; ELECTRa Investigators Group. The effect of centre volume and procedure location on major complications and mortality from transvenous lead extraction: an ESC EHRA EORP European Lead Extraction ConTRolled ELECTRa registry subanalysis. *Europace.* 2020, Nov 1;22(11):1718-1728. [IF 2020: 5,214]
326. **Auricchio A**, Peluso S, Caputo ML, Reinhold J, Benvenuti C, Burkart R, Cianella R, Klersy C, Baldi E, Mira. A Spatio-temporal prediction model of out-of-hospital cardiac arrest: Designation of medical priorities and estimation of human resources requirement. *PLoS One.* 2020; 31:15(8):e0238067. doi: 10.1371/journal.pone.0238067. eCollection 2020. [IF 2020: 2,074]
327. Linhart M, Doltra A, Acosta J, Borràs R, Jáuregui B, Fernández-Armenta J, Anguera I, Bisbal F, Martí-Almor J, Tolosana JM, Penela D, Soto-Iglesias D, Villuendas R, Perea RJ, Ortiz JT, Bosch X, **Auricchio A**, Mont L, Berruezo A. Ventricular arrhythmia risk is associated with myocardial scar but not with response to cardiac resynchronization therapy. *Europace.* 2020 Sep 1;22(9):1391-1400. doi: 10.1093/europace/euaa142. [IF 2020: 5,214]
328. Mullens W, **Auricchio A**, Martens P, Witte K, Cowie MR, Delgado V, Dickstein K, Linde C, Vernooy K, Leyva F, Bauersachs J, Israel CW, Lund L, Donal E, Boriani G, Jaarsma T, Berruezo A, Traykov V, Yousef Z, Kalarus Z, Nielsen JC, Steffel J, Vardas P, Coats A, Seferovic P, Edvardsen T, Heidbuchel H, Ruschitzka F, Leclercq C. Optimized Implementation of cardiac resynchronization therapy - a call for action for referral and optimization of care. *Eur J Heart Fail.* 2020. [IF 2020: 15,534]
329. **Auricchio A**, Caputo ML, Baldi E, Klersy C, Benvenuti C, Cianella R, De Ferrari GM, Moccetti T. Gender-specific differences in return-to-spontaneous circulation and outcome after out-of-hospital cardiac arrest: results of sixteen-year-state-wide initiatives. *Resuscitation Plus* 2020 nov5;4. [No IF]
330. Conte G, Soejima K, de Asmundis C, Bruno J, Cattaneo F, Chierchia GB, Miwa Y, Caputo ML, Sieira J, Regoli F, Moccetti T, Brugada P, **Auricchio A**. High-density mapping in patients undergoing ablation of atrial fibrillation with the fourth-generation cryoballoon and the new spiral mapping catheter. *Europace.* 2020;Nov 1; 22(11):1653-1658 [IF 2020: 5,214]
331. Crespo C, Linhart M, Acosta J, Soto-Iglesias D, Martínez M, Jáuregui B, Mira Á, Restovic G, Sagarra J, **Auricchio A**, Fahn B, Boltyenkov A, Lasalvia L, Sampietro-Colom L, Berruezo A. Optimisation of cardiac resynchronisation therapy device selection guided by cardiac magnetic resonance imaging: Cost-effectiveness analysis. *Eur J Prev Cardiol.* 2020;27(6):622-632 [IF 2020: 7,804]

332. Reichlin T, Baldinger SH, Pruvot E, Bisch L, Ammann P, Altmann D, Berte B, Kobza R, Haegeli L, Schlatzer C, Mueller A, Namdar M, Shah D, Burri H, Conte G, **Auricchio A**, Knecht S, Osswald S, Asatryan B, Seiler J, Roten L, Kühne M, Sticherling C. Impact of contact force sensing technology on outcome of catheter ablation of idiopathic pre-mature ventricular contractions originating from the outflow tracts. *Europace*. 2021 Apr 6;23(4):603-609. [IF 2020: 5,214]
333. Pezzuto S, Prinzen FW, Potse M, Maffessanti F, Regoli F, Caputo ML, Conte G, Krause R, **Auricchio A**. Reconstruction of three-dimensional biventricular activation based on the 12-lead electrocardiogram via patient-specific modelling. *Europace* 2021;6;23(4):640-647. [IF 2020: 5,214]
334. **Auricchio A**, Conte G, Demarchi A, Baldi E, Ozkartal T, Regoli F, Moccetti T. Challenges in activation of remote monitoring in patients with cardiac rhythm devices during the coronavirus (COVID-19) pandemic. *Int J Cardiol*. 2021 Apr 1;328:247-249 [IF 2020: 4,164]
335. Arnold AD, Shun-Shin MJ, Keene D, Howard JP, Chow JJ, Lim E, Lampridou S, Miyazawa AA, Muthumala A, Tanner M, Qureshi NA, Lefroy DC, Koa-Wing M, Linton NWF, Boon Lim P, Peters NS, Kanagaratnam P, **Auricchio A**, Francis DP, Whinnett ZI. Electrocardiographic predictors of successful resynchronization of left bundle branch block by His bundle pacing. *J Cardiovasc Electrophysiol*. 2021 Feb;32(2):428. [IF 2020: 2,424]
336. Gharaviri A, Pezzuto S, Potse M, Verheule S, Conte G, Krause R, Schotten U, **Auricchio A**. Left Atrial Appendage Electrical Isolation Reduces Atrial Fibrillation Recurrences: A Simulation Study. *Circ Arrhythm Electrophysiol*. 2021;14(1):e009230. [IF 2020: 6,568]
337. **Auricchio A**, Özkartal T, Salghetti F, Neumann L, Pezzuto S, Gharaviri A, Demarchi A, Caputo ML, Regoli F, De Asmundis C, Chierchia GB, Brugada P, Klersy C, Moccetti T, Schotten U, Conte G. Short P-Wave duration is a marker of higher rate of atrial fibrillation recurrences after pulmonary vein isolation: new insights into the pathophysiological mechanisms through computer simulations. *J Am Heart Assoc*. 2021;19(2):e018572 [IF 2020: 5,501]
338. Baldi E, Schnaubelt S, Caputo ML, Klersy C, Clodi C, Bruno J, Compagnoni S, Benvenuti C, Domanovits H, Burkart R, Fracchia R, Primi R, Ruzicka G, Holzer M, **Auricchio A**, Savastano S. Association of timing of electrocardiogram acquisition after return of spontaneous circulation with coronary angiography findings in patients with out-of-hospital cardiac arrest. *JAMA Netw Open*. 2021 Jan 4;4(1):e2032875 [IF 2020: 8,483]
339. Coromilas EJ, Kochav S, Goldenthal I, Biviano A, Garan H, Goldbarg S, Kim JH, Yeo I, Tracy C, Ayanian S, Akar J, Singh A, Jain S, Zimmerman L, Pimentel M, Osswald S, Twerenbold R, Schaerli N, Crotti L, Fabbri D, Parati G, Li Y, Atienza F, Zatarain E, Tse G, Leung KSK, Guevara-Valdivia ME, Rivera-Santiago CA, Soejima K, De Filippo P, Ferrari P, Malanchini G, Kanagaratnam P, Khawaja S, Mikhail GW, Scanavacca M, Abrahão Hajjar L, Rizerio B, Sacilotto L, Mollazadeh R, Eslami M, Laleh Far V, Mattioli AV, Boriani G, Migliore F, Cipriani A, Donato F, Compagnucci P, Casella

- M, Dello Russo A, Coromilas J, Aboyme A, O'Brien CG, Rodriguez F, Wang PJ, Naniwadekar A, Moey M, Kow CS, Cheah WK, **Auricchio A**, Conte G, Hwang J, Han S, Lazzarini PE, Franchi F, Santoro A, Capecchi PL, Joglar JA, Rosenblatt AG, Zardini M, Bricoli S, Bonura R, Echarte-Morales J, Benito-González T, Minguito-Carazo C, Fernández-Vázquez F, Wan EY. Worldwide survey of COVID-19-associated arrhythmias. *Circ Arrhythm Electrophysiol*. 2021 Mar;14(3). [IF 2020: 6,568]
340. Treskes RW, Beles M, Caputo ML, Cordon A, Biundo E, Maes E, Egorova AD, Schali J, Van Bockstal K, Grazioli-Gauthier L, Vanderheyden M, Bartunek J, **Auricchio A**, Beeres SLMA, Heggermont WA. Clinical and economic impact of HeartLogic™ compared with standard care in heart failure patients. *ESC Heart Fail*. 2021 Apr;8(2):1541-1551. [IF 2020: 4,411]
341. Honarbakhsh S, Providencia R, Garcia-Hernandez J, Martin CA, Hunter RJ, Lim WY, Kirkby C, Graham AJ, Sharifzadehgan A, Waldmann V, Marijon E, Munoz-Esparza C, Lacunza J, Gimeno-Blanes JR, Ankou B, Chevalier P, Antonio N, Elvas L, Castelletti S, Crotti L, Schwartz P, Scanavacca M, Darrieux F, Sacilotto L, Mueller-Leisse J, Veltmann C, Vicentini A, Demarchi A, Cortez-Dias N, Antonio PS, de Sousa J, Adragao P, Cavaco D, Costa FM, Khoueiry Z, Boveda S, Sousa MJ, Jebberi Z, Heck P, Mehta S, Conte G, Ozkartal T, **Auricchio A**, Lowe MD, Schilling RJ, Prieto-Merino D, Lambiase PD; Brugada Syndrome Risk Investigators. A primary prevention clinical risk score model for patients with Brugada Syndrome (BRUGADA-RISK). *JACC Clin Electrophysiol*. 2021 Feb;7(2):210-222. [IF 2020: 6,375]
342. Singh JP, Walsh MN, Kubo SH, **Auricchio A**, Delnoy PP, Gold MR, Sanders P, Lindenfeld J, Rinaldi CA, Ullery S. Modified design of stimulation of the left ventricular endocardium for cardiac resynchronization therapy in non-responders, previously untreatable and high-risk upgrade patients (SOLVE-CRT) trial. *Am Heart J*. 2021;235:158-162. [IF 2020: 4,749]
343. Sidhu BS, Ayis S, Gould J, Elliott MK, Mehta V, Kennergren C, Butter C, Deharo JC, Kutarski A, Maggioni AP, **Auricchio A**, Kuck KH, Blomström-Lundqvist C, Bongioni MG, Rinaldi CA; ELECTRa Investigators Group. Risk stratification of patients undergoing transvenous lead extraction with the ELECTRa Registry Outcome Score (EROS): an ESC EHRA EORP European lead extraction ConTrolled ELECTRa registry analysis. *Europace*. 2021;Sep 8;23(9):1462-1471. [IF 2020: 5,214]
344. Baldi E, **Auricchio A**, Schnaubelt S, Savastano S. False positive ECG for STEMI after ROSC, is it a matter of timing? *Resuscitation*. 2021; May;162:445-446. [IF 2020: 5,262]
345. Gharaviri A, Pezzuto S, Potse M, Conte G, Zeemering S, Sobota V, Verheule S, Krause R, **Auricchio A**, and Schooten U. Synergistic antiarrhythmic effect of inward rectifier current inhibition and pulmonary vein isolation in a 3D computer model for atrial fibrillation. *Europace*. 2021;4;23(23 Suppl 1):i161-i168. [IF 2020: 5,214]
346. Baldi E, **Auricchio A**, Klersy C, Burkart R, Benvenuti C, Vanetta C, Bärtschi J. for the SWISSRECA researchers; Out-of-hospital cardiac arrests and mortality in Swiss Cantons with high and low COVID-19 incidence: A nationwide analysis. *Resusc Plus*. 2021;2;6:100105. [No IF]

347. Sidhu BS, Gould J, Elliott M, Mehta V, Kennergren C, Butter C, Deharo JC, Kutarski A, Maggioni AP, **Auricchio A**, Kuck KH, Blomström-Lundqvist C, Bongiorni MG, Rinaldi CA. The effect of centre volume and procedure location on major complications and mortality from transvenous lead extraction: an ESC EHRA EORP European Lead Extraction ConTRolled ELECTRa Registry subanalysis-Author's reply. *Europace*. 2021;23(7):1149-1150. [IF 2020: 5,214]
348. Lubrecht JM, Grandits T, Gharaviri A, Schotten U, Pock T, Plank G, Krause R, **Auricchio A**, Conte G, Pezzuto S. Automatic reconstruction of the left atrium activation from sparse intracardiac contact recordings by inverse estimate of fibre structure and anisotropic conduction in a patient-specific model. *Europace*. 2021 Mar 4;23(Supplement\_1):i63-i70. [IF 2020: 5,214]
349. Burri H, Starck C, **Auricchio A**, Biffi M, Burri M, D'Avila ALR, Deharo JC, Glikson M, Israel C, Lau CAR, Leclercq C, Love CJHR, Nielsen JC, Vernooy K; Reviewers; Dagues NRC, Boveda SRC, Butter C, Marijon E, Braunschweig F, Mairesse GH, Gleva M, Defaye P, Zanon F, Lopez-Cabanillas N, Guerra JM, Vassilikos VP, Martins Oliveira M. EHRA expert consensus statement and practical guide on optimal implantation technique for conventional pacemakers and implantable cardioverter-defibrillators: endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin-American Heart Rhythm Society (LAHRS). *Europace*. 2021;23(7):983-1008. [IF 2020: 5,214]
350. Moschovitis G, Johnson LSB, Blum S, Aeschbacher S, De Perna ML, Pagnamenta A, Mayer Melchiorre PA, Benz AP, Kobza R, Di Valentino M, Zuern CS, **Auricchio A**, Conte G, Rodondi N, Blum MR, Beer JH, Kühne M, Osswald S, Conen D; BEAT-AF and Swiss-AF investigators. Heart rate and adverse outcomes in patients with prevalent atrial fibrillation. *Open Heart*. 2021;8(1):e001606. [No IF]
351. Mullens W, **Auricchio A**, Martens P, Witte K, Cowie MR, Delgado V, Dickstein K, Linde C, Vernooy K, Leyva F, Bauersachs J, Israel CW, Lund LH, Donal E, Boriani G, Jaarsma T, Berruezo A, Traykov V, Yousef Z, Kalarus Z, Nielsen JC, Steffel J, Vardas P, Coats A, Seferovic P, Edvardsen T, Heidbuchel H, Ruschitzka F, Leclercq C. Optimized implementation of cardiac resynchronization therapy: a call for action for referral and optimization of care. *Europace*. 2021; Aug 6;23(8):1324-1342. [IF 2020: 5,214]
352. Baldi E, **Auricchio A**, Cresta R, Vanetta C, Anselmi L, Pedrazzini G, Benvenuti C. Patient voluntarily delays call to emergency medical system for ST-elevation myocardial infarction during COVID-19 pandemic. *Int J Cardiol Heart Vasc*. 2021;35:100824. [IF 2020: 4,164]
353. Varma N, **Auricchio A**, Connolly AT, Boehmer J, Bahu M, Costanzo MR, Leonelli F, Yoo D, Singh J, Nabutovsky Y, Gold M. The cost of non-response to cardiac resynchronization therapy: characterizing heart failure events following cardiac resynchronization therapy. *Europace*. 2021, Oct 9;23(10):1586-1595 [IF 2020: 5,214]
354. Molitor N, Yalcinkaya E, **Auricchio A**, Burri H, Delacretaz E, Kühne M, Menafoglio A, Reek S, Reichlin T, Herrera-Siklody C, Zimmerli M, Sticherling C, Duru F. Swiss

national registry on catheter ablation procedures: changing trends over the last 20 years. *J. Clin. Med.* 2021, 10, 3021. Doi.org/10.3390/jcm10143021. [IF 2020: 4,241]

355. Sidhu BS, Sieniewicz B, Gould J, Elliott MK, Mehta VS, Betts TR, James S, Turley AJ, Butter C, Seifert M, Boersma LVA, Riahi S, Neuzil P, Biffi M, Diemberger I, Vergara P, Arnold M, Keane DT, Defaye P, Deharo JC, Chow A, Schilling R, Behar JM, Leclercq C, **Auricchio A**, Niederer SA, Rinaldi CA. Leadless left ventricular endocardial pacing for CRT upgrades in previously failed and high-risk patients in comparison with coronary sinus CRT upgrades. *Europace*. 2021, Oct 9;23(10):1577-1585 [IF 2020: 5,214]
356. Baldi E, Caputo ML, **Auricchio A**, Vanetta C, Cresta R, Benvenuti C. A quantitative assessment of the contribution of “citizen First Responder” in the adult out-of-hospital chain of survival during COVID-19 pandemic. *Resuscitation*. 2021; Sep;166:41-42 [IF 2020: 5,262]
357. Conte G, Piciacchia F, Medeiros-Domingo A, Grego S, Ripellino P, **Auricchio A**. Filamin C missense variant associated with severe right atrial disease and skeletal myopathy. *J Cardiovasc Electrophysiol*. 2021 Oct;32(10):2777-2780. [IF 2020: 2,424]
358. Glikson M, Nielsen JC, Kronborg MB, Michowitz Y, **Auricchio A**, Barbash IM, Barabés JA, Boriani G, Braunschweig F, Brignole M, Burri H, Coats AJS, Deharo JC, Delgado V, Diller GP, Israel CW, Keren A, Knops RE, Kotecha D, Leclercq C, Merkelely B, Starck C, Thylén I, Tolosana JM; ESC Scientific Document Group. 2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. *Eur Heart J*. 2021. Sep 14;42(35):3427-3520. [IF 2020: 29,983]
359. Gold MR, Siejko KZ, Yu Y, **Auricchio A**. Estimating Left Ventricular Electrical Delay From the Right Ventricular Lead Electrogram. *JACC Clin Electrophysiol*. 2021;Sep;7(9):1195-1196 [IF 2020: 6,375]
360. Demarchi A, Neumann L, Rordorf R, Conte G, Sanzo A, Özkartal T, Savastano S, Regoli F, Vicentini A, Caputo ML, Klersy C, Petracci B, Piciacchia F, Bruno J, Baldi E, D'Amore S, **Auricchio A**. Long-term outcome of catheter ablation for atrial fibrillation in patients with severe left atrial enlargement and reduced left ventricular ejection fraction. *Europace*. 2021. Nov 8;23(11):1751-1756. [IF 2020: 5,214]
361. Metelmann C, Metelmann B, Herzberg L, **Auricchio A**, Baldi E, Benvenuti C, Burkart R, Fredman D, Krammel M, Müller MP, Scquizzato T, Stieglis R, Svensson L, Christian Thies K; European research collaboration on citizen first responders. More patients could benefit from dispatch of citizen first responders to cardiac arrests. *Resuscitation*. 2021. Nov;168:93-94. [IF 2020: 5,262]
362. Letsas KP, Vlachos K, Conte G, Efremidis M, Nakashima T, Duchateau J, Bazoukis G, Frontera A, Mililis P, Tse G, Cheniti G, Takigawa M, Pambrun T, Prappa E, Sacher F, Derval N, Sideris A, **Auricchio A**, Jais P, Haissaguerre M, Hocini M. Right ventricular outflow tract electroanatomical abnormalities in asymptomatic and high-risk symptomatic patients with Brugada syndrome: evidence for a new risk stratification tool? *J Cardiovasc Electrophysiol*. 2021. Nov;32(11):2997-3007. [IF 2020: 2,424]

363. Levi N, Bongiorno MG, Rav Acha M, Tovia-Brodie O, Kennergren C, **Auricchio A**, Maggioni AP, Rinaldi CA, Nof E, Ilan M, Blomstrom-Lundqvist C, Deharo JC, Leclercq C, Glikson M, Michowitz Y. Lead fixation mechanism impacts outcome of transvenous lead extraction: Data from the European Lead Extraction ConTrolled Registry. *Europace*. 2022 May 3;24(5):817-827 [IF 2020: 5,214]
364. Tovia-Brodie O, Acha MR, Belhassen B, Gasperetti A, Schiavone M, Forleo GB, Guevara-Valdivia ME, Ruiz DV, Lellouche N, Hamon D, Castagno D, Bellettini M, De Ferrari GM, Laredo M, Carvès JB, Ignatiuk B, Paschetto G, De Filippo P, Malanchini G, Pavri BB, Raphael C, Rivetti L, Mantovan R, Chinitz J, Harding M, Boriani G, Casali E, Wan EY, Biviano A, Macias C, Havranek S, Lazzarini PE, Canu AM, Zardini M, Conte G, Cano Ó, Casella M, Rudic B, Omelchenko A, Mathuria N, Upadhyay GA, Danon A, Schwartz AL, Maury P, Nakahara S, Goldenberg G, Schaerli N, Bereza S, **Auricchio A**, Glikson M, Michowitz Y. Implantation of cardiac electronic devices in active COVID-19 patients. Results from an international survey. *Heart Rhythm*. 2022, Feb;19(2):206-216. [IF 2020: 6,343]
365. Varma N, Wang JA, Jaswal A, Sethi KK, Kondo Y, Joung B, Yoo D, **Auricchio A**, Singh JP, Lee K, Gold MR. CRT Efficacy in “Mid-Range” QRS duration among Asians contrasted to non-Asians, and influence of height. *JACC Clin Electrophysiol*. 2022, Feb;8(2):211-221 [IF 2020: 6,375]
366. Glikson M, Nielsen JC, Kronborg MB, Michowitz Y, **Auricchio A**, Barbash IM, Barrabés JA, Boriani G, Braunschweig F, Brignole M, Burri H, Coats AJS, Deharo JC, Delgado V, Diller GP, Israel CW, Keren A, Knops RE, Kotecha D, Leclercq C, Merkely B, Starck C, Thylén I, Tolosana JM, Leyva F, Linde C, Abdelhamid M, Aboyans V, Arbelo E, Asteggiano R, Barón-Esquivias G, Bauersachs J, Biffi M, Birgersdotter-Green U, Bongiorno MG, Borger MA, Čelutkienė J, Cikes M, Daubert JC, Drossart I, Ellenbogen K, Elliott PM, Fabritz L, Falk V, Fauchier L, Fernández-Avilés F, Foldager D, Gadler F, De Vinuesa PGG, Gorenek B, Guerra JM, Hermann Haugaa K, Hendriks J, Kahan T, Katus HA, Konradi A, Koskinas KC, Law H, Lewis BS, Linker NJ, Løchen ML, Lumens J, Mascherbauer J, Mullens W, Nagy KV, Prescott E, Raatikainen P, Rakisheva A, Reichlin T, Ricci RP, Shlyakhto E, Sitges M, Sousa-Uva M, Sutton R, Suwalski P, Svendsen JH, Touyz RM, Van Gelder IC, Vernooy K, Waltenberger J, Whinnett Z, Witte KK. 2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. *Europace*. 2022 Jan 4;24(1):71-164. doi: 10.1093/europace/euab232. PMID: 34455427. [IF 2020: 5,214]
367. **Auricchio A**, Sterns LD, Schloss EJ, Gerritse B, Lexcen DR, Molan AM, Kurita T; PainFree SST investigators. Performance evaluation of implantable cardioverter-defibrillators with SmartShock technology in patients with inherited arrhythmogenic diseases. *Int J Cardiol*. 2022 Mar 1;350:36-40. [IF 2020: 4,164]
368. Altermatt A, Sinnecker T, Aeschbacher S, Springer A, Coslovsky M, Beer J, Moschovitis G, **Auricchio A**, Fischer U, Aubert CE, Kühne M, Conen D, Osswald S, Bonati LH, Wuerfel J; Swiss-AF study investigators. Right hemispheric predominance of brain infarcts in atrial fibrillation: a lesion mapping analysis. *J Stroke*. 2022 Jan;24(1):156-159. [IF 2020: 6,967]
369. Kühne M, Krisai P, Coslovsky M, Rodondi N, Müller A, Beer JH, Ammann P, **Auricchio A**, Moschovitis G, Hayoz D, Kobza R, Shah D, Stephan FP, Schläpfer J, Di



Valentino M, Aeschbacher S, Ehret G, Eken C, Monsch A, Roten L, Schwenkglenks M, Springer A, Sticherling C, Reichlin T, Zuern CS, Meyre PB, Blum S, Sinnecker T, Würfel J, Bonati LH, Conen D, Osswald S; Swiss-AF Investigators. Silent brain infarcts impact on cognitive function in atrial fibrillation. *Eur Heart J*. 2022. *Eur Heart J*. 2022 Jun 6;43(22):2127-2135 [2020:29,983]

370. Özkartal T, Demarchi A, Caputo ML, Baldi E, Conte G, **Auricchio A**. Perioperative Management of Patients with Cardiac Implantable Electronic Devices and Utility of Magnet Application. *J Clin Med*. 2022 Jan 28;11(3):691. [IF 2020: 4,241]
371. Glikson M, Nielsen JC, Kronborg MB, Michowitz Y, **Auricchio A**, Barbash IM, Barrabés JA, Boriani G, Braunschweig F, Brignole M, Burri H, Coats AJS, Deharo JC, Delgado V, Diller GP, Israel CW, Keren A, Knops RE, Kotecha D, Leclercq C, Merkely B, Starck C, Thylén I, Tolosana JM. Corrigendum to: 2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy: developed by the task force on cardiac pacing and cardiac resynchronization therapy of the European Society of Cardiology (ESC): with the special contribution of the European Heart Rhythm Association (EHRA). *Europace*. 2022 Apr 5;24(4):699. doi: 10.1093/europace/euac023. Erratum for: *Europace*. 2022 Jan 4;24(1):71-164. [IF 2020: 5,214]
372. Prinzen FW, **Auricchio A**, Mullens W, Linde C, Huizar JF. Electrical management of heart failure: from pathophysiology to treatment. *Eur Heart J*. 2022 May 21;43(20):1917-1927 [IF 2020:29,983]
373. Rivolta MW, Mainardi LT, Laureanti R, Sassi R, Kühne M, Rodondi N, Conte G, Moschovitis G, Schlageter V, Aeschbacher S, Conen D, Reichlin T, Roten L, Osswald S, Zuern CS, **Auricchio A**, Corino VDA. Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort. *Int J Cardiol*. 2022 Jun 1;356:53-59 [IF 2020: 4,164]
374. Zink MD, Laureanti R, Hermans BJM, Pison L, Verheule S, Philippens S, Pluymaekers N, Vroomen M, Hermans A, van Hunnik A, Crijns HJGM, Vernooy K, Linz D, Mainardi L, **Auricchio A**, Zeemering S, Schotten U. Extended ECG improves classification of paroxysmal and persistent atrial fibrillation based on P- and f-Waves. *Front Physiol*. 2022 Mar 4;13:779826. [IF 2020: 4,566]
375. Demarchi A, Conte G, Chen SA, Lo LW, Chen WT, De Potter T, Geelen P, Sarkozy A, Spera FR, Reichlin T, Roten L, Defaye P, Carabelli A, Boveda S, Bourenane H, Riesinger L, Kochhäuser S, Caixal G, Mont L, Scherr D, Manninger M, Pentimalli F, Cornara S, Klersy C, **Auricchio A**. Catheter ablation of atrial fibrillation in patients with previous lobectomy or partial lung resection: long-term results of an international multicenter study. *J Clin Med*. 2022 Mar 8;11(6):1481. [IF 2020: 4,241]
376. Girod M, Coslovsky M, Aeschbacher S, Sticherling C, Reichlin T, Roten L, Rodondi N, Ammann P, **Auricchio A**, Moschovitis G, Kobza R, Badertscher P, Knecht S, Krisai P, Marugg A, Aebersold H, Hennings E, Serra-Burriel M, Schwenkglenks M, Zuern CS, Bonati LH, Conen D, Osswald S, Kühne M. Association of pulmonary vein isolation and major cardiovascular events in patients with atrial fibrillation. *Clin Res Cardiol*. 2022 Sep;111(9):1048-1056 [IF 2020: 5,46]

377. Mehta VS, O'Brien H, Elliott MK, Wijesuriya N, **Auricchio A**, Ayis S, Blomstrom-Lundqvist C, Bongiorno MG, Butter C, Deharo JC, Gould J, Kennergren C, Kuck KH, Kutarski A, Leclercq C, Maggioni AP, Sidhu BS, Wong T, Niederer S, Rinaldi CA; ELECTRa Investigators Group. Machine learning-derived major adverse event prediction of patients undergoing transvenous lead extraction: Using the ESC EHRA EORP European lead extraction ConTRolled ELECTRa registry. *Heart Rhythm*. 2022 Jun;19(6):885-893 [IF 2020: 6,343]
378. Conte G, Cattaneo F, de Asmundis C, Berne P, Vicentini A, Namdar M, Scalone A, Klersy C, Caputo ML, Demarchi A, Özkartal T, Salghetti F, Casu G, Passarelli I, Mamei S, Shah D, Burri H, De Ferrari G, Brugada P, **Auricchio A**. Impact of SMART Pass filter in patients with ajmaline-induced Brugada syndrome and subcutaneous implantable cardioverter-defibrillator eligibility failure: results from a prospective multicentre study. *Europace*. 2022 May 3;24(5):845-854 [IF 2020: 5,214]
379. Glikson M, Nielsen JC, Kronborg MB, Michowitz Y, **Auricchio A**, Barbash IM, Barabés JA, Boriani G, Braunschweig F, Brignole M, Burri H, Coats AJS, Deharo JC, Delgado V, Diller GP, Israel CW, Keren A, Knops RE, Kotecha D, Leclercq C, Merkelely B, Starck C, Thylén I, Tolosana JM; ESC Scientific Document Group. 2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy: Developed by the Task Force on cardiac pacing and cardiac resynchronization therapy of the European Society of Cardiology (ESC) With the special contribution of the European Heart Rhythm Association (EHRA). *Rev Esp Cardiol (Engl Ed)*. 2022 May;75(5):430. English, Spanish. doi: 10.1016/j.rec.2022.04.004. PMID: 35525571. [IF 2020: 4,753]
380. **Auricchio A**, Özkartal T. Status and Update on Cardiac Resynchronization Therapy Trials. *Card Electrophysiol Clin*. 2022 Jun;14(2):323-343.
381. Verzaal NJ, van Deursen CJM, Pezzuto S, Wecke L, van Everdingen WM, Vernoooy K, Delhaas T, **Auricchio A**, Prinzen FW. Synchronization of repolarization after cardiac resynchronization therapy: a combined clinical and modeling study. *J Cardiovasc Electrophysiol*. 2022 Aug;33(8):1837-1846 6.
382. Glikson M, Nielsen JC, Kronborg MB, Michowitz Y, **Auricchio A**, Barbash IM, Barabés JA, Boriani G, Braunschweig F, Brignole M, Burri H, Coats AJS, Deharo JC, Delgado V, Diller GP, Israel CW, Keren A, Knops RE, Kotecha D, Leclercq C, Merkelely B, Starck C, Thylén I, Tolosana JM; ESC Scientific Document Group. Linee guida ESC 2021 su stimolazione cardiaca e terapia di resincronizzazione cardiaca elaborate dalla Task Force su stimolazione cardiaca e terapia di resincronizzazione cardiaca della Società Europea di Cardiologia (ESC) con il contributo straordinario della European Heart Rhythm Association (EHRA) [2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy Developed by the Task Force on cardiac pacing and cardiac resynchronization therapy of the European Society of Cardiology (ESC) With the special contribution of the European Heart Rhythm Association (EHRA)]. *G Ital Cardiol (Rome)*. 2022 Jul;23(7):1-94. Italian. doi: 10.1714/3824.38087. PMID: 35771031.
383. Bisignani A, Conte G, Pannone L, Sieira J, Del Monte A, Lipartiti F, Bala G, Miraglia V, Monaco C, Ströker E, Overeinder I, Almorad A, Gauthey A, Franchetti Pardo L, Raes M, Detriche O, Brugada P, **Auricchio A**, Chierchia GB, de Asmundis C. Long-

Term Outcomes of Pulmonary Vein Isolation in Patients With Brugada Syndrome and Paroxysmal Atrial Fibrillation. *J Am Heart Assoc.* 2022 Aug 2;11(15):e026290. [IF 2020: 5,501]

384. Maffessanti F, Jadczyk T, Wilczek J, Conte G, Caputo ML, Gołba KS, Biernat J, Cybulska M, Caluori G, Regoli F, Krause R, Wojakowski W, Prinzen FW, **Auricchio A**. Electromechanical factors associated with favourable outcome in cardiac resynchronization therapy. *Europace.* 2022 Sep 15:euac157. doi: 10.1093/europace/euac157. Epub ahead of print. PMID: 36106562. [IF 2020: 5,214]
385. Baldi E, Luce Caputo M, Klersy C, Benvenuti C, Contri E, Palo A, Primi R, Cresta R, Compagnoni S, Cianella R, Burkart R, Maria De Ferrari G, **Auricchio A**, Savastano S. End-tidal carbon dioxide (ETCO<sub>2</sub>) at intubation and its increase after 10 minutes resuscitation predicts survival with good neurological outcome in out-of-hospital cardiac arrest patients. *Resuscitation.* 2022 Sep 23:S0300-9572(22)00672-4. doi: 10.1016/j.resuscitation.2022.09.015. Epub ahead of print. PMID: 36162612 . [IF 2020: 5,262]
386. Aebersold H, Serra-Burriel M, Foster-Wittassek F, Moschovitis G, Aeschbacher S, **Auricchio A**, Beer JH, Blozik E, Bonati LH, Conen D, Felder S, Huber CA, Kuehne M, Mueller A, Oberle J, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs TD, Osswald S, Schwenkglens M. Patient clusters and cost trajectories in the Swiss Atrial Fibrillation cohort. *Heart.* 2022 Nov 4:heartjnl-2022-321520. doi: 10.1136/heartjnl-2022-321520. Epub ahead of print. PMID: 36332981. [IF 2020: 5,994]
387. Sterns LD, **Auricchio A**, Schloss EJ, Lexcen D, Jacobsen L, DeGroot P, Molan A, Kurita T. Anti-tachycardia pacing success in implantable cardioverter defibrillators by patient, device, and programming characteristics. *Heart Rhythm.* 2022 Oct 19:S1547-5271(22)02517-6. doi: 10.1016/j.hrthm.2022.10.015. Epub ahead of print. PMID: 36272710. [IF 2020: 6,343]
388. Meyre PB, Blum S, Hennings E, Aeschbacher S, Reichlin T, Rodondi N, Beer JH, Stauber A, Müller A, Sinnecker T, Moutzouri E, Paladini RE, Moschovitis G, Conte G, **Auricchio A**, Ramadani A, Schwenkglens M, Bonati LH, Kühne M, Osswald S, Conen D. Bleeding and ischaemic events after first bleed in anticoagulated atrial fibrillation patients: risk and timing. *Eur Heart J.* 2022 Oct 26:ehac587. doi: 10.1093/eurheartj/ehac587. Epub ahead of print. PMID: 36285887. [IF 2020: 29,983]
389. Demarchi A, **Auricchio A**, Boveda S, Bourenane H, Dafaye P, Carabelli A, Gupta D, Kozhuharov N, Klersy C, Conte G. Catheter Ablation of Atrial Fibrillation in Patients With Partial Anomalous Pulmonary Venous Return. *JACC Clin Electrophysiol.* 2022 Oct;8(10):1317-1319. doi: 10.1016/j.jacep.2022.05.014. Epub 2022 Aug 31. PMID: 36266010. [IF 2020: 6,375]
390. **Auricchio A**, Demarchi A, Özkartal T, Campanale D, Caputo ML, di Valentino M, Menafoglio A, Regoli F, Facchini M, Del Bufalo A, Foglia P, Ferrari N, Bomio F, Medeiros-Domingo A, Moccetti T, Pedrazzini GB, Klersy C, Conte G. Role of genetic testing in young patients with idiopathic atrioventricular conduction disease. *Europace.* 2022 Nov 10:euac196. doi: 10.1093/europace/euac196. Epub ahead of print. PMID: 36352534. [IF 2020: 5,214]

## BOOKS

---

1. Cardiac Resynchronization Therapy. Editors: Cheuck-Man Yu, David Hayes, **Angelo Auricchio**. Blackwell Publisher 2006. 1st Edition. ISBN-13: 978-1-4051-4282-3
2. Cardiac Resynchronization Therapy. Editors: Cheuck-Man Yu, David Hayes, **Angelo Auricchio**. Blackwell Publisher 2008. 2nd Edition, 978-1-4051-7739-9
3. Pacing to Support the Failing Heart. American Heart Association serie. Editors: Kenneth Ellenbogen and **Angelo Auricchio**. Wiley-Blackwell 2008. ISBN 978-1-4051-7534-0
4. Cardiac Imaging in Electrophysiology. Editors: **Angelo Auricchio**, Jagmeet Singh, Frank Raademakers. Springer Verlag 2012. ISBN 978-1-84882-485-0
5. Cases in Cardiac Resynchronization Therapy. Editors: Cheuck-Man Yu, David Hayes, **Angelo Auricchio**. Elsevier 2014. ISBN 978-1-4557-4237-0
6. Clinical Cardiac Pacing, Defibrillation, and Resynchronization Therapy. **Angelo Auricchio**, Kenneth Ellenbogen, Neal Kay, Chu-Pak Lau, Bruce Wilkoff. Elsevier 2015. 5th Edition, ISBN 978-0-3233-7804-8

## MONOGRAPHY

---

1. Eucomed-EHRA White Paper „Moving toward good practice in the reimbursement of cardiovascular implantable electronic devices (CIEDs) telemonitoring“. August 2012. Authors: Panos Vardas, Giuseppe Boriani, **Angelo Auricchio**.

## BOOK CHAPTERS

---

1. D. Iarussi, S. Buono, C. Fulgione, C. Pisacane, **A. Auricchio**, A. Magliaro, F. Casale, M. T. Di Tullio, P. Indolfi, K. Marchi, M. Susi: Studio della contrattilità segmentaria per il monitoraggio della terapia con antracicline. “Atti V Congresso Internazionale di Ecocardiografia”. A. Dagianti, H. Feigenbaum (Eds.). Roma, Monduzzi Editore 1986; 107-111
2. H. Klein, **A. Auricchio**, F. Siclari: Il defibrillatore automatico impiantabile: esperienze attuali e prospettive future. “Atti 23mo Corso di Aggiornamento Centro A. De Gasperis”. F. Rovelli (Ed). Milano, Librex Editore 1989; 305-310
3. H. Klein, H. J. Trappe, J. Tröster, **A. Auricchio**, S. König, S. Still: Implantable cardioverter-defibrillator (ICD) - Preferable to catheter ablation or surgery in patients with refractory ventricular tachycardia. “Proceedings of the International Symposium on Progress in Clinical Pacing”. M. Santini, M. Pistolesse, A. Alliegro (Eds). Amsterdam, Exerpta Medica 1990; 25-33
4. H.J. Trappe, H. Klein, F. Siclari, P. Wenzlaff, **A. Auricchio**, J. Tröster: When and where to ablate in ventricular tachycardia. “Proceedings of the International Symposium on

Progress in Clinical Pacing". M. Santini, M. Pistolese, A. Alliegro (Eds). Amsterdam, Exerpta Medica 1990; 354-371

5. H. Klein, J. Tröster, H. J. Trappe, **A. Auricchio**, F. Siclari: Programmable implantable defibrillator-progress in defibrillator therapy or technological luxury? "Interventional Electrophysiology". B. Lüderitz, S. Saksena (Eds). Mount Kisco - NY, Futura Publishing Company 1991; 425-435
6. H. Klein, H. J. Trappe, J. Tröster, **A. Auricchio**: Catheter ablation of ventricular tachycardia by direct current. "Interventional Techniques in Cardiovascular Medicine." H. Hombach, V. Koch, A.J. Camm (Eds). Dordrecht (FRG), Kluwer Academic Publishers 1991; 263-278
7. **A. Auricchio**, H. Klein: Esperienza con l'AICD nella prevenzione della morte cardiaca improvvisa. "Morte Cardiaca Improvvisa". A. Purcaro (Ed). Ancona, Tipografia Emme Piesse 1992; 315-325
8. **A. Auricchio**, G. Benedini : La stimolazione transesofagea di base e da sforzo. "Stress test nella diagnostica cardiologica". G. Stazi (Ed). Roma, Casa Editrice Scientifica Internazionale 1992; 237-254
9. F. Siclari, H. Klein, **A. Auricchio**, T. Paul, G. Frank: Surgical Treatment of Supraventricular Tachycardia in Children and Young Adults. "Cardiology and Cardiac Surgery: Current Topics." A. Grossi, F. Donatelli, A. Corno, R. Brodman (Eds). Mount Kisco - NY, Futura Publishing Company 1993; 137-147
10. **A. Auricchio**, L. Chiariello. Opzioni terapeutiche nel trattamento delle aritmie ventricolari maligne: le tecniche ablativo elettroguidate. "Atti 28mo Corso di Aggiornamento Centro A. De Gasperis." F. Rovelli (Ed). Milano, Librex Editore 1994; 390-395
11. **A. Auricchio**, H. Klein. How to prevent or avoid inappropriate implantable cardioverter defibrillator shocks? „Proceedings of the 4PthP Workshop on Cardiac Arrhythmias“. A. Raviele (Ed). Milano, Springer-Verlag Italia 1995; 75-80
12. **A. Auricchio**, H. Klein. Antitachycardia pacing in patients with ICD; more the benefits or the problems? „Proceedings of the 5PthP Workshop on Cardiac Arrhythmias“. A. Raviele (Ed), Milano, Springer-Verlag Italia 1998; 258-263
13. **A. Auricchio**, H. Klein. Pacing multisito per l'insufficienza cardiaca: tra pressione epidemiologica e marketing. "Atti 34mo Corso di Aggiornamento Centro A. De Gasperis". A. Pezzano (Ed). Milano, Librex Editore, 2000; 305-312
14. **A. Auricchio**, A. Goette, S.I. Trautmann, M. Kloss: Hybrid therapy for heart failure. "Non-Pharmacological Treatment of Heart Failure". M. Santini (Ed). Roma, Arianna Editrice, 2003; 219-243
15. **A. Auricchio**. Cardiomiopatia dilatativa: quando iniziare la stimolazione ventricolare? Si deve attendere lo scompenso o basta la presenza di bloco di branca sinistro? "Conoscere e Curare il Cuore". P.L. Prati (Ed). Noceto, Essebiemme Editore 2004; 55-61

16. **A. Auricchio**. How to select patients for ventricular synchronization. "Harrison Online – Concise Reviews & Editorial Related to Harrison's Principle of Internal Medicine, 15th Edition" E. Braunwald (Ed). [TUhttp://harrisons.accessmedicine.com/harrisons/UT](http://harrisons.accessmedicine.com/harrisons/UT).
17. **A. Auricchio**, H. Klein, S. Saksena. Device Technology for Congestive Heart Failure. "Electrophysiological Disorders of the Heart". Saksena S, Camm J (Eds.) Saunders, New York - USA, 2004;
18. **A. Auricchio**, Kramer A. Cardiac resynchronization therapy in heart failure patients. "Cardiac Mechano-Electric Feedback and Arrhythmias. From Pipette to Patient" Franz M, Kohl P, Sachs F (Eds.) Saunders, Oxford – UK, 2004
19. Prinzen F, J. Spinelli, **A. Auricchio**. Basic Physiology of Cardiac Pacing. "Clinical Cardiac pacing and Defibrillation". Ellenbogen K, Kay N, Wilkoff B. 3rd Ed. Saunders 2006
20. Prinzen, K. Vernooy, J. Lumens, **A. Auricchio**. Physiology of Cardiac Pacing and Resynchronization Therapy. "Clinical Cardiac Pacing, Defibrillation, and Resynchronization Therapy". Angelo Auricchio, Kenneth Ellenbogen, Neal Kay, Chu-Pak Lau, Bruce Wilkoff. Elsevier 2015. 5th Edition.
21. **A. Auricchio**, C. Leclercq. Cardiac Resynchronization Therapy. "Clinical Cardiac Pacing, Defibrillation, and Resynchronization Therapy". Kenneth Ellenbogen, Neal Kay, Chu-Pak Lau, Bruce Wilkoff. Elsevier 2015. 5th Edition.