

## Curriculum Vitae



**Name:** Arash Arya

**Birth Date:** 8/11/1968

**Birthplace:** Masjedsoleiman, Iran

**Nationality:** Iranian and German

**Languages:** fluent in writing and speaking in English, German and Farsi

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Leipzig, 15.06.2021

**PD Dr. med. habil. Arash Arya, MD, FESC, FEHRA, FHRS**

Associate Professor of Cardiology

Senior Consultant and Director of EP Labs, Leipzig Heart Center

**Work and Education** (Please see also [www.arasharya.com](http://www.arasharya.com)):

**Since 2020:** Associate Editor, PACE

**November 2019:** FEHRA (Fellow of European Heart Rhythm Association)

**November 2019:** FESC (Fellow of European Society of Cardiology)

**Since May 2019:** Associate Professor of Cardiology

**Since January 2019:** Senior Consultant and Director of EP Labs, Leipzig Heart Center

**August-October 2018:** Acting Director of EP Department, HDZ-NRW Bad-Oeynhausen, Germany

**March 2018:** German Board Certification in Internal Medicine *and* Cardiology

**2017/2018:** Course in Leadership for Cardiovascular Experts, Leipzig School of Management

**Since 2017:** Associate Editor, EP Europace

**January 2016:** German Promotion (3. Doctorate Thesis) at University of Leipzig

**October 2014:** Permanent German Medical License

**January 2006 – Decdember 2018:** Consultant in department of electrophysiology, Cardiology Clinic, Leipzig Heart Center

**2004 – 2005:** Assistant Professor of Cardiology and Electrophysiology  
Iran University of Medical Sciences (Rajaie Heart Center, Tehran, IRAN)

**2002 – 2004:** Fellowship of Interventional Electrophysiology at Iran University of Medical Sciences (Rajaie Heart Center, Tehran, IRAN) and Leipzig Heart Center

**2001 – 2002:** Cardiology Consultant at „Red Crescent“ Hospital, Dubai, UAE

**2000:** Board Certified Cardiologist, Iran University of Medical Sciences (Tehran, IRAN). 2nd Rank in Final National Cardiology Examination in October 2000.

**2. *Doctorate-Thesis:*** Effect of Cardiac Rehabilitation on Myocardial Oxygen Consumption Index in Patients with Coronary Artery Disease: 1999-2000. Published 2005 (see Publications)

**1996:** Finishing mandatory military service as doctor (Honored as the best lecturer in the Army's University)

**1994:** Permanent Medical Practice License, Tehran, IRAN

**1986-1994:** Medical School Education. **1. *Doctorate Thesis (MD):*** Tehran Blood Pressure Study: 1989 – 1992. Published as a book in 1993.

## **Reviewer for the following Journals:**

Journal of Cardiovascular Electrophysiology  
European Journal of Heart Failure  
Pacing and Clinical Electrophysiology  
International Journal of Cardiology  
American Journal of Cardiology  
Iranian Heart Journal  
Journal of Interventional Electrophysiology  
Heart Rhythm  
Journal of Electrocardiology (Editorial Board)  
Europace  
European Heart Journal, ...

## **Membership**

German Society of Cardiology  
Iranian Society of Cardiology  
European Heart Rhythm Association (FEHRA)  
European Society of Cardiology (FESC)  
Heart Rhythm Society (FHR)

**Part A: Articles published in PubMed® . . . . . 4**

**Teil B: Books . . . . . 18**

**(A) Articles published in PubMed®: 221**

**A1: 73 Articles**  
*First (35) or Senior (38) Author*  
**(November 2003 – May 2020)**

- (73) Sepehri Shamloo A, Bollmann A, Dagues N, Hindricks G, **Arya A**. Natriuretic peptides: biomarkers for atrial fibrillation management. *Clin Res Cardiol*. 2020 Jan 30. doi: 10.1007/s00392-020-01608-x.
- (72) Darma A, Daneschnejad SS, Gaspar T, Huo Y, Wetzel U, Dagues N, Husser D, Sommer P, Piorkowski C, Bollmann A, Hindricks G, **Arya A**. Role of inducibility and its dynamic change in the outcome of catheter ablation of atrial fibrillation: a single center prospective study. *J Cardiovasc Electrophysiol*. 2020 Mar;31(3):705-711.
- (71) Müssigbrodt A, Czibalmos C, Stauber A, Bertagnolli L, Bode K, Dagues N, Döring M, Richter S, Sommer P, Husser D, Bollmann A, Hindricks G, **Arya A**. Effect of Exercise on Outcome after Ventricular Tachycardia Ablation in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. *Int J Sports Med*. 2019 Jul 23.
- (70) Sepehri Shamloo A, Dagues N, Müssigbrodt A, Stauber A, Kircher S, Richter S, Dinov B, Bertagnolli L, Husser-Bollmann D, Bollmann A, Hindricks G, **Arya A**. Atrial Fibrillation and Cognitive Impairment: New Insights and Future Directions. *Heart Lung Circ*. 2019 Jun 21. pii: S1443-9506(19)31321-6. doi: 10.1016/j.hlc.2019.05.185.
- (69) Schoene K, Sepehri Shamloo A, Sommer P, Jahnke C, Paetsch I, Hindricks G, **Arya A**. Natural course of acquired pulmonary vein stenosis after radiofrequency ablation for atrial fibrillation - Is routine follow-up imaging indicated or not? *J Cardiovasc Electrophysiol*. 2019 Jun 23. doi: 10.1111/jce.14042.
- (68) Shamloo AS, Schoene K, Stauber A, Darma A, Dagues N, Dinov B, Bertagnolli L, Hilbert S, Müssigbrodt A, Husser D, Bollmann A, Hindricks G, **Arya A**. Epicardial Adipose Tissue Thickness as an Independent Predictor of Ventricular Tachycardia Recurrence Following Ablation. *Heart Rhythm*. 2019. doi: 10.1016/j.hrthm.2019.06.009.
- (67) Shamloo AS, Dinov B, Bertagnolli L, Sommer P, Husser-Bollmann D, Bollmann A, Hindricks G, **Arya A**. Value of Cardiogoniometry in Diagnosis of Coronary Artery Disease in Patients with Suspected Stable Ischemic Heart Disease: A Systematic Review and Meta-Analysis. *Int Heart J*. 2019 May 30;60(3):527-538. doi: 10.1536/ihj.18-391.
- (66) Sepehri Shamloo A, Dagues N, Dinov B, Sommer P, Husser-Bollmann D, Bollmann A, Hindricks G, **Arya A**. Is epicardial fat tissue associated with atrial fibrillation recurrence after ablation? A systematic review and meta-analysis. *Int J Cardiol Heart Vasc*. 2019 Jan 26;22:132-138. doi: 10.1016/j.ijcha.2019.01.003.
- (65) Yamasaki H, Bertagnolli L, Hindricks G, **Arya A**. "Pseudo" Hisian extrasystole arising from the proximal portion of the left bundle branch. *J Electrocardiol*. 2018;51(4):574-576.
- (64) Kircher S, **Arya A (shared first authorship)**, Altmann D, Rolf S, Bollmann A, Sommer P, Dagues N, Richter S, Breithardt OA, Dinov B, Husser D, Eitel C, Gaspar T, Piorkowski C, Hindricks G. Individually tailored vs. standardized substrate modification during radiofrequency catheter ablation for atrial fibrillation: a randomized study. *Europace*. 2018;20(11):1766-1775.
- (63) Efimova E, Fischer J, Bertagnolli L, Dinov B, Kircher S, Rolf S, Sommer P, Bollmann A, Richter S, Meyer A, Garbade J, Hindricks G, **Arya A**. Predictors of ventricular arrhythmia after left ventricular assist device implantation: A large single-center observational study. *Heart Rhythm*. 2017 Dec;14(12):1812-1819.
- (62) Wojdyła-Hordyńska A, Kowalski O, Hordyński GJ, Dinov B, Sommer P, Hindricks G, Feusette P, **Arya A**. The effect of radiofrequency catheter ablation of frequent premature ventricular complexes and arrhythmia burden on left ventricular function. *Kardiol Pol*. 2017;75(7):698-704.

- (61) Müssigbrodt A, Knopp H, Efimova E, Weber A, Bertagnolli L, Hilbert S, Kosiuk J, Dinov B, Bode K, Kircher S, Dages N, Richter S, Sommer P, Husser D, Bollmann A, Hindricks G, **Arya A**. Supraventricular arrhythmias in patients with arrhythmogenic right ventricular dysplasia/cardiomyopathy associate with long-term outcome after catheter ablation of ventricular tachycardias. *Europace*. 2018;20(7):1182-1187.
- (60) Müssigbrodt A, Bertagnolli L, Efimova E, Kosiuk J, Dinov B, Bode K, Kircher S, Dages N, Döring M, Richter S, Sommer P, Husser D, Bollmann A, Hindricks G, **Arya A**. Myocardial voltage ratio in arrhythmogenic right ventricular dysplasia/cardiomyopathy. *Herzschrittmacherther Elektrophysiol*. 2017;28(2):219-224.
- (59) Torri F, Zedda AM, Bertagnolli L, Gebauer RA, Hindricks G, **Arya A**. Dissociation of right and left AV conduction: What is the mechanism? *HeartRhythm Case Rep*. 2016;3(1):83-86.
- (58) Zedda AM, Torri F, Bertagnolli L, **Arya A**. Changing P-wave morphology: What is the mechanism? *J Electrocardiol*. 2017;50(4):510-512.
- (57) Müssigbrodt A, Efimova E, Knopp H, Bertagnolli L, Dages N, Richter S, Husser D, Bollmann A, Hindricks G, **Arya A**. Should all patients with arrhythmogenic right ventricular dysplasia/cardiomyopathy undergo epicardial catheter ablation? *J Interv Card Electrophysiol*. 2017 Mar;48(2):193-199.
- (56) Dinov B, Bode K, Koenig S, Oebel S, Sommer P, Bollmann A, Hindricks G, **Arya A**. Signal-Averaged Electrocardiography as a Noninvasive Tool for Evaluating the Outcomes After Radiofrequency Catheter Ablation of Ventricular Tachycardia in Patients with Ischemic Heart Disease: Reassessment of an Old Tool. *Circ Arrhythm Electrophysiol*. 2016;9(9). pii: e003673.
- (55) Yamasaki H, Bertagnolli L, Hindricks G, **Arya A**. Idiopathic Premature Ventricular Contraction Conducting over a Ventricle Myocardial Extension from the Pulmonary Artery. *Pacing Clin Electrophysiol*. 2016 Oct;39(10):1159-1163.
- (54) Efimova E, Ueberham L, Bode K, **Arya A**. A fortunate outcome after electrical cardioversion with a giant persistent left atrial thrombus. Is TOE-guided strategy more preferable in high risk patients? *Int J Cardiol*. 2016 Apr 1;208:1-3.
- (53) Nedios S, Darma A, Stevanello C, Richter S, Doering M, Rolf S, Sommer P, Hindricks G, Bollmann A, **Arya A**. Electrical storm in patients with implantable cardioverter-defibrillator in the era of catheter ablation: Implications for better rhythm control. *Heart Rhythm*. 2015 Dec;12(12):2419-25.
- (52) Koch J, Lücke C, Gebauer R, Hindricks G, **Arya A**. Accessory pathway ablation in childhood forming the substrate for ventricular tachycardia in adulthood. *Eur Heart J*. 2016 Feb 14;37(7):609.
- (51) Dinov B, Schratte A, Schirripa V, Fiedler L, Bollmann A, Rolf S, Sommer P, Hindricks G, **Arya A**. Procedural Outcomes and Survival After Catheter Ablation of Ventricular Tachycardia in Relation to Electroanatomical Substrate in Patients With Nonischemic-Dilated Cardiomyopathy: The Role of Unipolar Voltage Mapping. *J Cardiovasc Electrophysiol*. 2015;26(9):985-993.
- (50) Efimova E, Dinov B, Acou WJ, Schirripa V, Kornej J, Kosiuk J, Rolf S, Sommer P, Richter S, Bollmann A, Hindricks G, **Arya A**. Differentiating origin of outflow tract ventricular arrhythmia using a simple novel approach. *Heart Rhythm*. 2015;12:1534-40.
- (49) Müssigbrodt A, Dinov B, Bertagnoli L, Sommer P, Richter S, Breithardt OA, Rolf S, Bollmann A, Hindricks G, **Arya A**. Preordial QRS amplitude ratio predicts long-term outcome after catheter ablation of electrical storm due to ventricular tachycardias in patients with arrhythmogenic right ventricular cardiomyopathy. *J Electrocardiol*. 2015;48(1):86-92.
- (48) Koutalas E, Bertagnolli L, Sommer P, Richter S, Rolf S, Breithardt O, Bollmann A, Hindricks G, **Arya A**. Efficacy and safety of remote magnetic catheter navigation vs. manual steerable sheath-guided ablation for catheter ablation of atrial fibrillation: a case-control study. *Europace*. 2015 Feb;17(2):232-8.
- (47) Efimova E, Riahi S, Fiedler L, Esato M, Sommer P, Richter S, Breithardt O, Rolf S, Bollmann A, Hindricks G, **Arya A**. Adenosine sensitivity of retrograde fast pathway conduction in patients with slow-fast atrioventricular nodal reentrant tachycardia: a prospective study. *Heart Rhythm*. 2014 May;11(5):871-6.
- (46) Dinov B, Fiedler L, Schönbauer R, Bollmann A, Rolf S, Piorkowski C, Hindricks G, **Arya A**. Outcomes in Catheter Ablation of Ventricular Tachycardia in Dilated Non-Ischemic Cardiomyopathy in Comparison to Ischemic Cardiomyopathy: Results from the Prospective HEart Centre of Leipzig VT (HELP - VT) Study. *Circulation*. 2013 Nov 8. [Epub ahead of print] PubMed PMID: 24211823.

- (45) **Arya A**, Fiedler L, Dinov B, Sommer P, Gaspar T, Rolf S, Eitel C, Breithardt O, Piorkowski C, Hindricks G. Long term outcome of catheter ablation of electrical storm due to recurrent ventricular tachycardia in a large cohort of patients with idiopathic dilated cardiomyopathy. *J Kardiol*. 2013: In Press
- (44) **Arya A**, Huo Y, Frogner F, Wetzel U, Sommer P, Gaspar T, Richter S, Piorkowski C, Hindricks G. Effect of limb lead electrodes location on ECG and localization of idiopathic outflow tract tachycardia: a prospective study. *J Cardiovasc Electrophysiol*. 2011;22:886-91.
- (43) Acou WJ, Bertagnoli L, Hindricks G, **Arya A**. Positional ventricular tachycardia in left ventricular assist device: a new frontier in ventricular tachycardia ablation. *Eur Heart J*. 2013 Aug 29. [Epub ahead of print] PubMed PMID: 23990604.
- (42) Schönbauer R, Sommer P, Misfeld M, Dinov B, Fiedler L, Huo Y, Gaspar T, Breithardt OA, Hindricks G, **Arya A**. Relevant ventricular septal defect caused by steam pop during ablation of premature ventricular contraction. *Circulation*. 2013 Jun 18;127(24):e843-4. doi: 10.1161/CIRCULATIONAHA.112.130195. PubMed PMID:23775197.
- (41) Müssigbrodt A, Richter S, Wetzel U, Hindricks G, **Arya A**. The A wave method-an alternative approach for determining the atrial pacing threshold. *Pacing Clin Electrophysiol*. 2011 Nov;34(11):1573-5.
- (40) Buchta P, Sommer P, Polonski L, Gąsior M, Hindricks G, **Arya A**. Changing coronary sinus activation during catheter ablation of isthmus-dependent right atrial flutter: what is the mechanism? *Europace*. 2012 Jun;14(6):912-4.
- (39) Dinov B, Schönbauer R, Wojdyla-Hordynska A, Braunschweig F, Richter S, Altmann D, Sommer P, Gaspar T, Bollmann A, Wetzel U, Rolf S, Piorkowski C, Hindricks G, **Arya A**. Long-term efficacy of single procedure remote magnetic catheter navigation for ablation of ischemic ventricular tachycardia: a retrospective study. *J Cardiovasc Electrophysiol*. 2012 May;23(5):499-505.
- (38) Zaker-Shahrak R, Altmann D, Sommer P, Gaspar T, Schönbauer R, **Arya A**. Sustained monomorphic left ventricular outflow tract tachycardia early after aortic valve replacement. *Cardiol J*. 2012;19(3):320-2.
- (37) **Arya A**, Zaker-Shahrak R, Sommer P, Bollmann A, Wetzel U, Gaspar T, Richter S, Husser D, Piorkowski C, Hindricks G. Catheter ablation of atrial fibrillation using remote magnetic catheter navigation: a case-control study. *Europace*. 2011 Jan;13(1):45-50.
- (36) Andrea B, Richter S, Sommer P, **Arya A**. Changing QRS morphology during catheter ablation of outflow tract ventricular tachycardia: what is the mechanism? *Europace*. 2011 Mar;13(3):444-6.
- (35) Huo Y, Sommer P, Richter S, **Arya A**. Apparent short PR interval during atrial tachycardia: what is the mechanism? *Clin Res Cardiol*. 2011 Feb;100(2):181-2.
- (34) **Arya A**, Eitel C, Bollmann A, Wetzel U, Sommer P, Gaspar T, Husser D, Piorkowski C, Hindricks G. Catheter ablation of scar-related ventricular tachycardia in patients with electrical storm using remote magnetic catheter navigation. *Pacing Clin Electrophysiol*. 2010 Nov;33(11):1312-8.
- (33) Huo Y, Hindricks G, Piorkowski C, Bollmann A, Wetzel U, Sommer P, Gaspar T, Kottkamp H, **Arya A**. Six-month follow-up of isthmus-dependent right atrial flutter ablation using a remote magnetic catheter navigation system: a case-control study. *Acta Cardiol*. 2010 Jun;65(3):279-83.
- (32) **Arya A**, Bode K, Piorkowski C, Bollmann A, Sommer P, Gaspar T, Wetzel U, Husser D, Kottkamp H, Hindricks G. Catheter ablation of electrical storm due to monomorphic ventricular tachycardia in patients with nonischemic cardiomyopathy: acute results and its effect on long-term survival. *Pacing Clin Electrophysiol*. 2010 Dec;33(12):1504-9.
- (31) Eitel C, Hindricks G, Sommer P, Wetzel U, Bollmann A, Gaspar T, Piorkowski C, **Arya A**. Safety of remote magnetic navigation in patients with pacemakers and implanted cardioverter defibrillators. *J Cardiovasc Electrophysiol*. 2010 Oct;21(10):1130-5.
- (30) **Arya A**, Piorkowski C, Kircher S, Sommer P, Bollmann A, Gaspar T, Hindricks G. Results of recent studies in catheter ablation of ventricular tachycardias: in whom to abandon the ICD? *Herz*. 2009 Nov;34(7):539-44.
- (29) Frühauf M, Eitel C, Bollmann A, Piorkowski C, Wetzel U, Schliephake F, **Arya A**. Should transesophageal echocardiography be done in all patients who underwent catheter ablation of atrial fibrillation? A case report and review of the literature. *Clin Res Cardiol*. 2010 Feb;99(2):125-8.

- (28) **Arya A**, Hindricks G, Sommer P, Huo Y, Bollmann A, Gaspar T, Bode K, Husser D, Kottkamp H, Piorkowski C. Long-term results and the predictors of outcome of catheter ablation of atrial fibrillation using steerable sheath catheter navigation after single procedure in 674 patients. *Europace*. 2010 Feb;12(2):173-80.
- (27) Haghjoo M, Hindricks G, Bode K, Piorkowski C, Bollmann A, **Arya A**. Initial clinical experience with the new irrigated tip magnetic catheter for ablation of scar-related sustained ventricular tachycardia: a small case series. *J Cardiovasc Electrophysiol*. 2009 Aug;20(8):935-9.
- (26) Bode K, Hindricks G, Piorkowski C, Sommer P, Janousek J, Dagres N, **Arya A**. Ablation of polymorphic ventricular tachycardias in patients with structural heart disease. *Pacing Clin Electrophysiol*. 2008 Dec;31(12):1585-91.
- (25) **Arya A**, Block M, Kautzner J, Lewalter T, Mörtel H, Sack S, Schumacher B, Søgaard P, Taborsky M, Husser D, Hindricks G; IN-TIME investigators. Influence of Home Monitoring on the clinical status of heart failure patients: Design and rationale of the IN-TIME study. *Eur J Heart Fail*. 2008 Nov;10(11):1143-8.
- (24) **Arya A**, Bollmann A, Piorkowski C, Hindricks G. Delineation of anatomical relation of important adjacent structures to the left atrium in electroanatomical mapping using fluoroscopy images. *Europace*. 2008 Oct;10(10):1226-7.
- (23) **Arya A**, Piorkowski C, Sommer P, Bollmann A, Hindricks G. Ablation of atrial fibrillation: patient selection, techniques, and the results. *Herzschrittmacherther Elektrophysiol*. 2008 Jun;19(2):68-72.
- (22) **Arya A**, Kottkamp H, Piorkowski C, Bollmann A, Gerdes-Li JH, Riahi S, Esato M, Hindricks G. Initial clinical experience with a remote magnetic catheter navigation system for ablation of cavotricuspid isthmus-dependent right atrial flutter. *Pacing Clin Electrophysiol*. 2008 May;31(5):597-603.
- (21) **Arya A**, Piorkowski C, Sommer P, Gerds-Li JH, Kottkamp H, Hindricks G. Idiopathic 21 tract tachycardias: current perspectives. *Herz*. 2007 May;32(3):218-25. Review.
- (20) **Arya A**, Piorkowski C, Sommer P, Kottkamp H, Hindricks G. Clinical implications of various follow up strategies after catheter ablation of atrial fibrillation. *Pacing Clin Electrophysiol*. 2007 Apr;30(4):458-62. Review.
- (19) **Arya A**, Haghjoo M, Emkanjoo Z, Dehghani MR, Sadr-Ameli MA. Does the rate of inappropriate therapy differ in implantable cardioverter-defibrillators from different manufacturers? *J Interv Card Electrophysiol*. 2006 Oct;17(1):59-63.
- (18) **Arya A**. Comparison of left ventricular and biventricular pacing in patients with heart failure. *Am Heart J*. 2006 Nov;152(5):e55; author reply e57.
- (17) **Arya A**, Kottkamp H, Piorkowski C, Hindricks G. Low right atrial tachycardia with positive P waves in the inferior leads: explanation by electroanatomical mapping. *J Interv Card Electrophysiol*. 2006 Apr;15(3):201-2.
- (16) **Arya A**, Haghjoo M, Zahra E, Heydari A, Ali Sadr-Ameli M. Radiofrequency catheter ablation of atrioventricular nodal reentrant tachycardia: it is not always as it is expected. *Indian Pacing Electrophysiol J*. 2004 Oct 1;4(4):217-20.
- (15) **Arya A**, Haghjoo M, Nikoo MH, Dehghani MR, Fazelifar AF, Sadr-Ameli MA. Effect of first ventricular tachycardia cycle length on rate of ventricular arrhythmia recurrence in patients with implantable cardioverter-defibrillator. *J Electrocardiol*. 2006 Oct;39(4):404-8.
- (14) **Arya A**, Haghjoo M, Sadr-Ameli MA. ICD therapy: what have we learned from the clinical trials? *Heart Lung Circ*. 2006 Feb;15(1):3-11. Epub 2005 Oct 21. Review.
- (13) **Arya A**, Haghjoo M, Dehghani MR, Fazelifar AF, Nikoo MH, Bagherzadeh A, Sadr-Ameli MA. Prevalence and predictors of electrical storm in patients with implantable cardioverter-defibrillator. *Am J Cardiol*. 2006 Feb 1;97(3):389-92.
- (12) **Arya A**, Haghjoo M, Khosrawi A, Emkanjoo Z, Sadr-Ameli MA. Predictors of arrhythmic events during second day monitoring in patients with normal first day Holter recordings. *Indian Heart J*. 2005 May-Jun;57(3):241-4.
- (11) **Arya A**, Haghjoo M, Dehghani MR, Alasti M, Alizadeh H, Kazemi B, Sadr-Ameli MA. Effect of cardiac resynchronization therapy on the incidence of ventricular arrhythmias in patients with an implantable cardioverter-defibrillator. *Heart Rhythm*. 2005 Oct;2:1094-8.

- (10) **Arya A**, Haghjoo M, Sadr-Ameli MA. Can amiodarone prevent sudden cardiac death in patients with hemodynamically tolerated sustained ventricular tachycardia and coronary artery disease? *Cardiovasc Drugs Ther*. 2005 May;19(3):219-26. Review.
- (9) **Arya A**, Haghjoo M, Emkanjoo Z, Sadr-Ameli MA. Coronary sinus mapping to differentiate left versus right ventricular outflow tract tachycardias. *Europace*. 2005 Sep;7(5):428-32.
- (8) **Arya A**, Haghjoo M, Sadr-Ameli MA. Risk stratification for arrhythmic death after myocardial infarction: current perspective and future direction. *Int J Cardiol*. 2006 Apr 4;108(2):155-64. Epub 2005 Jun 16. Review.
- (7) **Arya A**, Haghjoo M, Jafari A, Emkanjoo Z, Fazelifar AF, Dehghani MR, Sadr-Ameli MA. Effect of conduction mode and location on electrophysiologic characteristics of accessory pathways. *Am J Cardiol*. 2005 May 15;95(10):1250-2.
- (6) **Arya A**. Gender-related differences in ventricular repolarization: beyond gonadal steroids. *J Cardiovasc Electrophysiol*. 2005 May;16(5):525-7.
- (5) **Arya A**, Maleki M, Noohi F, Kassaian E, Roshanali F. Myocardial oxygen consumption index in patients with coronary artery disease. *Asian Cardiovasc Thorac Ann*. 2005 Mar;13(1):34-7.
- (4) **Arya A**, Kottkamp H, Piorkowski C, Schirdewahn P, Tanner H, Kobza R, Dorszewski A, Gerds-Li JH, Hindricks G. Differentiating atrioventricular nodal reentrant tachycardia from tachycardia via concealed accessory pathway. *Am J Cardiol*. 2005 Apr 1;95(7):875-8.
- (3) **Arya A**, Haghjoo M, Emkanjoo Z, Fazelifar AF, Dehghani MR, Heydari A, Sadr-Ameli MA. Comparison of presystolic purkinje and late diastolic potentials for selection of ablation site in idiopathic verapamil sensitive left ventricular tachycardia. *J Interv Card Electrophysiol*. 2004 Oct;11(2):135-41.
- (2) **Arya A**. Effect of linear radiofrequency ablation on left atrial function. *Am J Cardiol*. 2004 Jul 15;94(2):277-8.
- (1) **Arya A**, Haghjoo M, Sadr-Ameli MA. Who is the best candidate for cardiac resynchronization therapy: implications of recent studies. *Indian Heart J*. 2003 Nov-Dec;55(6):611-4. Review.

**A2: Coauthorship: 148 Articles  
(December 2004 – May 2020)**

- (148) Lindemann F, Oebel S, Paetsch I, **Arya A**, Dagnes N, Richter S, Dinov B, Hilbert S, Loebe S, Stegmann C, Doering M, Bollmann A, Hindricks G, Jahnke C. Clinical utility of cardiovascular magnetic resonance imaging in patients with implantable cardioverter defibrillators presenting with electrical instability or worsening heart failure symptoms. *J Cardiovasc Magn Reson*. 2020 May 11;22(1):32.
- (147) Sepehri Shamloo A, Bollmann A, Dagnes N, **Arya A**, Hindricks G. Smart Watch Devices for Atrial Fibrillation Screening: It Has to Start Somewhere. *J Am Coll Cardiol*. 2020 Mar 24;75(11):1364-1365.
- (146) Dinov B, Schramm L, Koenig S, Oebel S, Bollmann A, Hindricks G, **Arya A**, Bode K. Dynamic changes in the signal-averaged electrocardiogram are associated with the long-term outcomes after ablation of ischemic ventricular tachycardia. *J Interv Card Electrophysiol*. 2020 Mar 2. doi: 10.1007/s10840-020-00708-y.
- (145) Kornej J, Schumacher K, Sommer P, Potpara T, **Arya A**, Dagnes N, Bollmann A, Husser-Bollmann D, Lip GYH, Hindricks G. Very late arrhythmia recurrences in patients with sinus rhythm within the first year after catheter ablation: The Leipzig Heart Center AF Ablation Registry. *Europace*. 2019 Nov 1;21(11):1646-1652.
- (144) König S, Boudriot E, **Arya A**, Lurz JA, Sandri M, Erbs S, Thiele H, Hindricks G, Dinov B. Incidence and characteristics of ventricular tachycardia in patients after percutaneous coronary revascularization of chronic total occlusions. *PLoS One*. 2019 Nov 22;14(11):e0225580.



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**(B) Book Chapters (9)**  
**6 in English, 3 in German**

- (9) Stepwise Approach to Management of Atrial Arrhythmias after Catheter Ablation of Atrial Fibrillation Borislav Dinov, **Arash Arya**, Gerhard Hindricks Book Editor(s): Mohammad Shenasa MD Gerhard Hindricks MD Martin Borggreffe MD Günter Breithardt MD Mark E. Josephson MD (2012)
- (8) Multi-modality and Multi-dimensional Mapping: How Far Do We Need to Go? Nikolaos Kanagkinis, **Arash Arya**, Gerhard Hindricks Book Editor(s): Mohammad Shenasa MD Gerhard Hindricks MD Martin Borggreffe MD Günter Breithardt MD Mark E. Josephson MD (2012)
- (7) Electrical and Anatomical Mapping of Different Pathologies: Ischemic, Dilated, and Hypertrophic cardiomyopathies **Arash Arya MD**, Hans Kottkamp MD, PhD, Christopher Piorkowski MD, Gerhard Hindricks MD, PhD Book Editor(s): Mohammad Shenasa MD, FACC, FAHA, FESC, FHRS Gerhard Hindricks MD, PhD Martin Borggreffe MD Günter Breithardt MD, FESC, FACC, FHRS (2009)
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- (3) Pathophysiologie, Klinik und EKG-Präsentation idiopathischer ventrikulärer Rhythmusstörungen **Arash Arya**, Philipp Sommer In "Behandlung ventrikulärer Herz-Rhythmusstörungen" (2018)
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- (1) Idiopathic Ventricular Arrhythmias. Bruno Andrea, Gerhard Hindricks, **Arash Arya**. In: Interventional Cardiac Electrophysiology: A Multidisciplinary Approach herausgegeben von Ralph J. Damiano, Jr., MD, FACC, FACS, N.A. Mark Estes III, MD, FACC, FHRS, FAHA, FESC, Francis E. Marchlinski, MD, FACC, FHRS, FAHA (2015)