

1: Kulakowski P, Sikorska A, Piotrowski R, Kryński T, Baran J. Ablation for paroxysmal atrial fibrillation-real-life results from a middle-volume electrophysiology laboratory. *J Interv Card Electrophysiol*. 2021 Dec;62(3):549-556. doi: 10.1007/s10840-020-00937-1. Epub 2021 Jan 9. PMID: 33423186; PMCID: PMC8645536.

2: Piotrowski R, Żuk A, Baran J, Sikorska A, Kryński T, Kułakowski P. Cardioneuroablation changes the type of vasovagal response in patients with asystolic reflex syncope. *Auton Neurosci*. 2021 Nov;235:102838. doi: 10.1016/j.autneu.2021.102838. Epub 2021 Jun 24. PMID: 34186273.

3: Kany S, Alken FA, Schleberger R, Baran J, Luik A, Haas A, Ene E, Deneke T, Dinshaw L, Rillig A, Metzner A, Reissmann B, Makimoto H, Reents T, Popa MA, Deisenhofer I, Piotrowski R, Kulakowski P, Kirchhof P, Scherschel K, Meyer C. Bipolar ablation of therapy-refractory ventricular arrhythmias: application of a dedicated approach. *Europace*. 2021 Dec 18:euab304. doi: 10.1093/europace/euab304. Epub ahead of print. PMID: 34922350.

4: Futyma P, Ciąpała K, Sander J, Głuszczyk R, Futyma M, Kułakowski P. Ultrasound-guided venous access facilitated by the Valsalva maneuver during invasive electrophysiological procedures. *Kardiol Pol*. 2020 Mar 25;78(3):235-239. doi: 10.33963/KP.15188. Epub 2020 Feb 12. PMID: 32049071.

5: Dudzińska-Szczerba K, Michałowska I, Piotrowski R, Sikorska A, Paszkowska A, Stachnio U, Kowalik I, Kułakowski P, Baran J. Assessment of the left atrial appendage morphology in patients after ischemic stroke - The ASSAM study. *Int J Cardiol*. 2021 May 1;330:65-72. doi: 10.1016/j.ijcard.2021.01.001. Epub 2021 Jan 29. PMID: 33524464.

6: Pilichowska-Paszkiel E, Baran J, Kułakowski P, Zaborska B. Echocardiographic assessment of left atrial function for prediction of efficacy of catheter

ablation for atrial fibrillation. *Medicine (Baltimore)*. 2021 Sep 24;100(38):e27278. doi: 10.1097/MD.00000000000027278. PMID: 34559133; PMCID: PMC8462594.

7: Piotrowski R, Giebułtowicz J, Baran J, Sikorska A, Gralak-Łachowska D, Soszyńska M, Wroczyński P, Kułakowski P. Antazoline-insights into drug-induced electrocardiographic and hemodynamic effects: Results of the ELEPHANT II substudy. *Ann Noninvasive Electrocardiol*. 2017 Sep;22(5):e12441. doi: 10.1111/anec.12441. Epub 2017 Feb 25. PMID: 28236352; PMCID: PMC6931461.

8: Kułakowski P, Baran J. Parasympathetic denervation as an alternative to permanent pacing. *Kardiol Pol*. 2020 Jun 25;78(6):612. doi: 10.33963/KP.15454. Epub 2020 Jun 25. PMID: 32589382.

9: Dudek K, Futyma P, Futyma M, Stec S, Kułakowski P. Catheter ablation of the cavotricuspid isthmus in patients with atrial flutter: predictors of long-term outcomes. *Kardiol Pol*. 2020 Aug 25;78(7-8):741-749. doi: 10.33963/KP.15408. Epub 2020 Jun 3. PMID: 32500993.

10: Futyma P, Kułakowski P. An update to an update on radiofrequency bipolar catheter ablation. *J Cardiovasc Electrophysiol*. 2020 May;31(5):1238-1239. doi: 10.1111/jce.14411. Epub 2020 Mar 3. PMID: 32125041.

11: Baran J, Lewandowski P, Smarż K, Sikorska A, Zaborska B, Kułakowski P. Acute Hemodynamic and Tissue Effects of Cryoballoon Ablation on Pulmonary Vessels: The IVUS-Cryo Study. *J Am Heart Assoc*. 2017 Jun 25;6(6):e005988. doi: 10.1161/JAHA.117.005988. PMID: 28649087; PMCID: PMC5669196.

12: Giebułtowicz J, Korytowska N, Sobiech M, Polak S, Wiśniowska B, Piotrowski R, Kułakowski P, Luliński P. Magnetic Core-Shell Molecularly Imprinted Nano-Conjugates for Extraction of Antazoline and Hydroxyantazoline from Human Plasma-

Material Characterization, Theoretical Analysis and Pharmacokinetics. *Int J Mol Sci.* 2021 Apr 1;22(7):3665. doi: 10.3390/ijms22073665. PMID: 33915912; PMCID: PMC8038096.

13: Kusiak A, Jastrzębski M, Bednarski A, Kułakowski P, Piotrowski R, Koźluk E, Baszko A, Czarnecka D. Diagnostic value of implantable loop recorder in patients undergoing cryoballoon ablation of atrial fibrillation. *Ann Noninvasive Electrocardiol.* 2020 Jul;25(4):e12733. doi: 10.1111/anec.12733. Epub 2019 Dec 21. PMID: 31863721; PMCID: PMC7358840.

14: Giebułtowicz J, Korytowska N, Piotrowski R, Kułakowski P, Latacz G, Szymańska E, Wiśniowska B, Polak S. Characterization of In Vitro and In Vivo Metabolism of Antazoline Using Liquid Chromatography-Tandem Mass Spectrometry. *Int J Mol Sci.* 2020 Dec 18;21(24):9693. doi: 10.3390/ijms21249693. PMID: 33353167; PMCID: PMC7766522.

15: Futyma P, Zarębski Ł, Wrzos A, Kułakowski P. Respiratory cycle-dependent atrial tachycardia originating from the left atrial roof. *J Electrocardiol.* 2020 Nov-Dec;63:21-23. doi: 10.1016/j.jelectrocard.2020.10.001. Epub 2020 Oct 4. PMID: 33045459.

16: Piotrowski R, Baran J, Krynski T, Sikorska A, Kułakowski P. Cardioneuroablation - Induced shift in sinus node activation: A new parameter of vagal denervation? *J Electrocardiol.* 2021 Mar-Apr;65:1-2. doi: 10.1016/j.jelectrocard.2021.01.003. Epub 2021 Jan 9. PMID: 33460859.

17: Dudzińska-Szczerba K, Zalewska M, Niemirowicz W, Michałowska I, Piotrowski R, Sikorska A, Kułakowski P, Baran J. Association of Left Atrial Sphericity with Risk of Stroke in Patients with Atrial Fibrillation. Sub-Analysis of the ASSAM Study. *Cardiovasc Eng Technol.* 2021 Nov 8. doi: 10.1007/s13239-021-00587-y. Epub ahead of print. PMID: 34750781.

18: Kucharz A, Kułakowski P. Mortality risk assessment in dilated cardiomyopathy: the Krakow DCM Risk Score. Authors' reply. *Kardiologia Polska*. 2021 Feb 25;79(2):216. doi: 10.33963/KP.15828. Epub 2021 Feb 25. PMID: 33635033.

19: Futyma P, Kułakowski P. Prophylactic pulmonary vein isolation: One bridge too far? *Pacing Clin Electrophysiol*. 2019 Aug;42(8):1162. doi: 10.1111/pace.13740. Epub 2019 Jun 23. PMID: 31179550.

20: Futyma P, Sander J, Ciąpała K, Głuszczyk R, Wysokińska A, Futyma M, Kułakowski P. Bipolar radiofrequency ablation delivered from coronary veins and adjacent endocardium for treatment of refractory left ventricular summit arrhythmias. *J Interv Card Electrophysiol*. 2020 Sep;58(3):307-313. doi: 10.1007/s10840-019-00609-9. Epub 2019 Aug 11. PMID: 31402415.

21: Futyma P, Ciąpała K, Głuszczyk R, Sander J, Futyma M, Kułakowski P. Bipolar ablation of refractory atrial and ventricular arrhythmias: Importance of temperature values of intracardiac return electrodes. *J Cardiovasc Electrophysiol*. 2019 Sep;30(9):1718-1726. doi: 10.1111/jce.14025. Epub 2019 Jun 25. PMID: 31190432.

22: Pilichowska-Paszkiel E, Baran J, Sygitowicz G, Sikorska A, Stec S, Kułakowski P, Zaborska B. Noninvasive assessment of left atrial fibrosis. Correlation between echocardiography, biomarkers, and electroanatomical mapping. *Echocardiography*. 2018 Sep;35(9):1326-1334. doi: 10.1111/echo.14043. Epub 2018 Jun 13. PMID: 29900593.

23: Styczkiewicz K, Ludwik B, Śledź J, Lipczyńska M, Zaborska B, Kryński T, Deutsch K, Morka A, Kukła P, Styczkiewicz M, Kułakowski P, Stec SM. Long-term follow-up and comparison of techniques in radiofrequency ablation of ventricular arrhythmias originating from the aortic cusps (AVATAR Registry). *Pol Arch Intern*

Med. 2019 Jun 28;129(6):399-407. doi: 10.20452/pamw.14861. Epub 2019 Jun 6.
PMID: 31169259.

24: Sikorska A, Pilichowska-Paszkiel E, Zuk A, Piotrowski R, Kryński T, Baran J, Zaborska B, Kułakowski P. Acceleration of sinus rhythm following ablation for atrial fibrillation: a simple parameter predicting ablation efficacy. *Kardiol Pol.* 2019 Oct 25;77(10):960-965. doi: 10.33963/KP.14950. Epub 2019 Aug 28. PMID: 31456591.

25: Futyma P, Ciąpała K, Sander J, Głuszczak R, Futyma M, Kułakowski P. Bipolar Radiofrequency Ablation of Ventricular Arrhythmias Originating in the Vicinity of His Bundle. *Circ Arrhythm Electrophysiol.* 2020 Mar;13(3):e008165. doi: 10.1161/CIRCEP.119.008165. Epub 2020 Feb 16. PMID: 32063033.

26: Balabanski T, Brugada J, Arbelo E, Laroche C, Maggioni A, Blomström-Lundqvist C, Kautzner J, Tavazzi L, Tritto M, Kulakowski P, Kalejs O, Forster T, Villalobos FS, Dagres N; ESC-EHRA Atrial Fibrillation Ablation Long-Term Registry investigators Group. Impact of monitoring on detection of arrhythmia recurrences in the ESC-EHRA EORP atrial fibrillation ablation long-term registry. *Europace.* 2019 Dec 1;21(12):1802-1808. doi: 10.1093/europace/euz216. PMID: 31693093.

27: Futyma P, Kulakowski P. Bipolar radiofrequency ablation: can we control parameters of return electrode? *Europace.* 2018 Sep 1;20(9):1562. doi: 10.1093/europace/eux386. PMID: 29432536.

28: Kucharz A, Kułakowski P. Fragmented QRS complex in patients with implantable cardioverter defibrillator-Prevalence and predisposing factors. *J Electrocardiol.* 2018 Sep-Oct;51(5):913-919. doi: 10.1016/j.jelectrocard.2018.07.014. Epub 2018 Jul 19. PMID: 30177339.

29: Baran J, Piotrowski R, Sikorska A, Kułakowski P. Bipolar ablation of a posteroseptal accessory pathway in a patient without a typical coronary sinus ostium. *Kardiol Pol*. 2020 May 25;78(5):476-477. doi: 10.33963/KP.15266. Epub 2020 Mar 27. PMID: 32238791.

30: Piotrowski R, Zuk A, Baran J, Sikorska A, Krynski T, Kulakowski P. Ultrasound-guided extracardiac vagal stimulation-New approach for visualization of the vagus nerve during cardioneuroablation. *Heart Rhythm*. 2022 Apr 22:S1547-5271(22)01921-X. doi: 10.1016/j.hrthm.2022.04.014. Epub ahead of print. PMID: 35462051.

31: Futyma P, Kułakowski P. Bipolar Ablation Delivered Between the Pulmonary and Aortic Valve Cusps. *Rev Esp Cardiol (Engl Ed)*. 2019 Dec;72(12):1078. English, Spanish. doi: 10.1016/j.rec.2018.08.022. Epub 2018 Oct 8. PMID: 30309767.

32: Piotrowski R, Zaborska B, Pilichowska-Paszkiel E, Sikora-Frąc M, Baran J, Kułakowski P. RIVAroxaban TWICE daily for lysis of thrombus in the left atrial appendage in patients with non-valvular atrial fibrillation: the RIVA-TWICE study. *Arch Med Sci*. 2019 Jul 12;16(2):289-296. doi: 10.5114/aoms.2019.86616. PMID: 32190138; PMCID: PMC7069443.

33: Wiśniowska B, Giebułtowiec J, Piotrowski R, Kułakowski P, Polak S. Development and Performance Verification of the PBPK Model for Antazoline and Its Metabolite and Its Utilization for Pharmacological Hypotheses Formulating. *Pharmaceuticals (Basel)*. 2022 Mar 20;15(3):379. doi: 10.3390/ph15030379. PMID: 35337175; PMCID: PMC8953460.

34: Futyma P, Kułakowski P. Bipolar ablation of high-risk posteroseptal accessory pathway: Back to the future. *HeartRhythm Case Rep*. 2019 Dec 27;6(3):166-168. doi: 10.1016/j.hrcr.2019.11.011. PMID: 32181138; PMCID: PMC7064792.

35: Baran J, Zaborska B, Piotrowski R, Sikora-Frąc M, Pilichowska-Paszkiel E, Kułakowski P. Intracardiac echocardiography for verification for left atrial appendage thrombus presence detected by transesophageal echocardiography: the ActionICE II study. *Clin Cardiol.* 2017 Jul;40(7):450-454. doi: 10.1002/clc.22675. Epub 2017 Feb 13. PMID: 28191906; PMCID: PMC6490372.

36: Futyma P, Santangeli P, Pürerfellner H, Pothineni NV, Głuszczyk R, Ciąpała K, Moroka K, Martinek M, Futyma M, Marchlinski FE, Kułakowski P. Anatomic approach with bipolar ablation between the left pulmonary cusp and left ventricular outflow tract for left ventricular summit arrhythmias. *Heart Rhythm.* 2020 Sep;17(9):1519-1527. doi: 10.1016/j.hrthm.2020.04.029. Epub 2020 Apr 26. PMID: 32348845.

37: Michałowska I, Dudzińska K, Kowalik I, Kwiatek P, Piotrowski R, Kułakowski P, Baran J. Left Atrial Septal Pouch-Is it Really a New Risk Factor for Ischemic Stroke?: Subanalysis of the ASSAM Study. *J Thorac Imaging.* 2022 May 1;37(3):168-172. doi: 10.1097/RTI.0000000000000582. Epub 2021 Feb 15. PMID: 33595242.

38: Futyma P, Sander J, Głuszczyk R, Maciołek M, Futyma M, Kułakowski P. Prognostic value of noninvasive programmed stimulation in patients with implantable cardioverter defibrillator. *Pacing Clin Electrophysiol.* 2018 Dec;41(12):1643-1651. doi: 10.1111/pace.13523. Epub 2018 Oct 24. PMID: 30302762.

39: Farkowski MM, Karliński MA, Kaźmierczak J, Kułakowski P, Mitkowski P, Ptaszyński P, Ryglewicz D, Sławek J, Słowik A, Sterliński M. Statement by a Working Group conceived by the Polish National Consultants in Cardiology and Neurology addressing the use of implantable cardiac monitors in patients after ischaemic embolic stroke of undetermined source. *Neurol Neurochir Pol.* 2019;53(3):181-189. doi: 10.5603/PJNNS.a2019.0018. Epub 2019 May 30. PMID:

31145466.

40: Futyma P, Kułakowski P. To the Editor- Temperature measurement from both electrodes during bipolar radiofrequency ablation-It is feasible. *Heart Rhythm*. 2020 Jan;17(1):e1. doi: 10.1016/j.hrthm.2019.08.010. Epub 2019 Aug 9. PMID: 31404661.

41: Piotrowski R, Baran J, Kułakowski P. Response to the letter concerning the article: "Cardioneuroablation using an anatomical approach: a new and promising method for the treatment of cardioinhibitory neurocardiogenic syncope". *Kardiologia Polska*. 2019;77(1):67. doi: 10.5603/KP.2019.0011. PMID: 30672585.

42: Sikorska A, Baran J, Piotrowski R, Kryński T, Szymot J, Soszyńska M, Kułakowski P. Daily ECG transmission versus serial 6-day Holter ECG for the assessment of efficacy of ablation for atrial fibrillation - the AGNES-ECG study. *J Interv Card Electrophysiol*. 2022 Mar 3:1–8. doi: 10.1007/s10840-022-01166-4. Epub ahead of print. PMID: 35244820; PMCID: PMC8894837.

43: Futyma P, Głuszczyk R, Futyma M, Kułakowski P. Right atrial position of a return electrode for bipolar ablation of the left posteroseptal process ventricular tachycardia. *Pacing Clin Electrophysiol*. 2019 Apr;42(4):474-477. doi: 10.1111/pace.13554. Epub 2018 Dec 9. PMID: 30461031.

44: Piotrowski R, Baran J, Kułakowski P. Cardioneuroablation using an anatomical approach: a new and promising method for the treatment of cardioinhibitory neurocardiogenic syncope. *Kardiologia Polska*. 2018;76(12):1736-1738. doi: 10.5603/KP.a2018.0200. Epub 2018 Oct 19. PMID: 30338504.

45: Futyma P, Kułakowski P. To the Editor- Bipolar ablation of refractory VT circuits: Current opportunities and limitations. *HeartRhythm Case Rep*. 2019 Feb

8;5(5):288. doi: 10.1016/j.hrcr.2019.01.015. PMID: 31193213; PMCID: PMC6522429.

46: Dudzińska-Szczerba K, Piotrowski R, Zaborska B, Pilichowska-Paszkiel E, Sikora-Frać M, Żuk A, Lewandowski P, Kułakowski P, Baran J. Iatrogenic Arteriovenous Fistula and Atrial Septal Defect Following Cryoballoon Ablation for Atrial Fibrillation - Two Correctable Causes of Right Heart Failure. Am J Case Rep. 2019 Jul 7;20:971-974. doi: 10.12659/AJCR.916205. PMID: 31280280; PMCID: PMC6628750.

47: Futyma P, Kułakowski P. Frontal placement of dispersive patch for effective ablation of arrhythmia originating from the anterior right ventricular outflow tract. J Interv Card Electrophysiol. 2017 Sep;49(3):327. doi: 10.1007/s10840-017-0263-5. Epub 2017 Jun 17. PMID: 28624891.

48: Baran J, Lewandowski P, Piotrowski R, Kulakowski P. Cryoballoon ablation for atrial fibrillation - is cryoenergy applied only to the pulmonary vein ostium? Clin Respir J. 2018 Jan;12(1):288-290. doi: 10.1111/crj.12466. Epub 2016 Mar 1. PMID: 26853902.