

Curriculum Vitae

Personal information Stanislaw Bartus

Work experience

Chief of the Department of Cardiology and Cardiovascular Interventions, University Hospital in Krakow (start date April 2020, edn date present)
Assistant Department of Cardiology and Cardiovascular Interventions, University Hospital in Krakow (start date october 2000, end date April 2020)
Professor in the II Department of Cardiology, Institute of Cardiology, Jagiellonian University, Collegium Medicum, Krakow (start date October 1995, end date: present)

Education and training

1995 – Medical Doctor degree from the Medical Faculty at College of Medicine, Jagiellonian University, Krakow, Poland.
1999 - 1st DEGREE SPECIALISATION IN INTERNAL DISEASES nr 2022/176/1999
2004 - 2nd DEGREE SPECIALISATION IN INTERNAL DISEASES nr 0705/2004.1/273
2010 - SPECIALISATION IN CARDIOLOGY nr 0748/2010.2/97
2000 - "The influence of LDL-apheresis on endothelial function in patients with CAD".
2012- Associate Professor: thesis: „Percutaneous angioplasty of peripheral arteries in patients with acute coronary syndromes” -
2020 - Professor nomination: 06.02.2020 by President Republic of Poland

Scholarships:

Dept of Vascular Surgery, Atherosclerosis Research Centre, LDL-apheresis Center in Vienna, Austria (1996, 1997, 1998,1999)
Dept of Pediatric Cardiology Graz, Austria (2001)
Dept of Angiology Leipzig, Germany (2003)
Dept of Cardiology and Angiology Cortignola, Italy (2010, 2011)
Semmelweis Univ Budapest Hungary (2014, 2015, 2017)

Additional information

Publications

- 1: Halvorsen S, Mehilli J, Cassese S, Hall TS, Abdelhamid M, Barbato E, De Hert S, de Laval I, Geisler T, Hinterbuchner L, Ibanez B, Lenarczyk R, Mansmann UR, McGreavy P, Mueller C, Muneretto C, Niessner A, Potpara TS, Ristic A, Sade LE, Schirmer H, Schupke S, Sillesen H, Skulstad H, Torracca L, Tutarel O, Van Der Meer P, Wojakowski W, Zacharowski K; ESC Scientific Document Group. 2022 ESC Guidelines on cardiovascular assessment and management of patients undergoing non-cardiac surgery. Eur Heart J. 2022 Oct 14;43(39):3826-3924. doi: 10.1093/eurheartj/ehac270. PMID: 36017553.
- 2: Leon MB, Smith CR, Mack M, Miller DC, Moses JW, Svensson LG, Tuzcu EM, Webb JG, Fontana GP, Makkar RR, Brown DL, Block PC, Guyton RA, Pichard AD, Bavaria JE, Herrmann HC, Douglas PS, Petersen JL, Akin JJ, Anderson WN, Wang D, Pocock S; PARTNER Trial Investigators. Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. N Engl J Med. 2010 Oct 21;363(17):1597-607. doi: 10.1056/NEJMoa1008232. Epub 2010 Sep 22. PMID: 20961243.
- 3: Zasada W, Bobrowska B, Plens K, Dziewierz A, Siudak Z, Surdacki A, Dudek D, Bartuś S. Acute myocardial infarction in young patients. Kardiol Pol. 2021;79(10):1093-1098. doi: 10.33963/KP.a2021.0099. Epub 2021 Sep 2. PMID: 34472075.
- 4: Wańha W, Wybraniec M, Kaplon-Cieślicka A, Kupczyńska K, Dobrowolski P, Michalski B, Darocha S, Dominiak-Karłowicz J, D'Ascenzo F, Kaźmierski M, Januszek R, Bartuś S, Witkowski A, Dudek D, Wojakowski W, Jaguszewski MJ. Myocardial infarction in the shadow of COVID-19. Cardiol J. 2020;27(5):478-480. doi: 10.5603/CJ.2020.0152. PMID: 33165896; PMCID: PMC8078982.

- 5: Smith CR, Leon MB, Mack MJ, Miller DC, Moses JW, Svensson LG, Tuzcu EM, Webb JG, Fontana GP, Makkar RR, Williams M, Dewey T, Kapadia S, Babaliaros V, Thourani VH, Corso P, Richard AD, Bavaria JE, Herrmann HC, Akin JJ, Anderson WN, Wang D, Pocock SJ; PARTNER Trial Investigators. Transcatheter versus surgical aortic-valve replacement in high-risk patients. *N Engl J Med.* 2011 Jun 9;364(23):2187-98. doi: 10.1056/NEJMoa1103510. Epub 2011 Jun 5. PMID: 21639811.
- 6: Backes C, Bartus S, Casiraghi C, Ferrari A, Kamali AR, Kolibal M, Kumar V, Molle A, Oyarzun A, Palermo V, Sengupta A, Silvestri A, Zhang H. Applications in opto-electronics: general discussion. *Faraday Discuss.* 2021 Apr 1;227:184-188. doi: 10.1039/D1FD90006D. Epub 2021 Mar 17. PMID: 33877207.
- 7: Watts MC, Picco L, Russell-Pavier FS, Cullen PL, Miller TS, Bartuś SP, Payton OD, Skipper NT, Tileli V, Howard CA. Production of phosphorene nanoribbons. *Nature.* 2019 Apr;568(7751):216-220. doi: 10.1038/s41586-019-1074-x. Epub 2019 Apr 10. PMID: 30971839.
- 8: Stanek A, Fazeli B, Bartuś S, Sutkowska E. The Role of Endothelium in Physiological and Pathological States: New Data. *Biomed Res Int.* 2018 Nov 18;2018:1098039. doi: 10.1155/2018/1098039. PMID: 30581842; PMCID: PMC6276514.
- 9: Dudek D, Dziewierz A, Kleczyński P, Gisztowicz D, Rakowski T, Sorys D, Rzeszutko L, Legutko J, Bartuś S, Dragan J, Klecha A, Siudak Z, Zmudka K. Authors' response. *Kardiol Pol.* 2014;72(5):476-7. doi: 10.5603/KP.2014.0104. PMID: 24859072.
- 10: Siudak Z, Bartuś S, Hawranek M, Kusa J, Kleczyński P, Milewski K, Opolski MP, Pawłowski T, Protasiewicz M, Smolka G, Malinowski KP, Dudek D, Grygier M. Interventional cardiology in Poland in 2021. Annual summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK) and Jagiellonian University Medical College. *Postepy Kardiol Interwencyjnej.* 2022 Jun;18(2):87-89. doi: 10.5114/aic.2022.118523. Epub 2022 Aug 20. PMID: 36051825; PMCID: PMC9421516.
- 11: Pyrtek LJ, Bartus SA. Reflux bile gastritis. *Am J Surg.* 1973 Apr;125(4):408-12. doi: 10.1016/0002-9610(73)90073-1. PMID: 4693033.
- 12: Siudak Z, Dudek D, Grygier M, Araszkiewicz A, Dąbrowski M, Kusa J, Hawranek M, Huczek Z, Kralisz P, Roleder T, Wojakowski W, Parma R, Malinowski KP, Bartuś S. Interventional cardiology in Poland in 2020 - impact of the COVID-19 pandemic. Annual summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society and Jagiellonian University Medical College. *Postepy Kardiol Interwencyjnej.* 2021 Jun;17(2):131-134. doi: 10.5114/aic.2021.107490. Epub 2021 Jul 9. PMID: 34400914; PMCID: PMC8356831.
- 13: Dudek D, Siudak Z, Grygier M, Araszkiewicz A, Dąbrowski M, Kusa J, Hawranek M, Huczek Z, Kralisz P, Roleder T, Wojakowski W, Parma R, Malinowski KP, Bartuś S. Interventional cardiology in Poland in 2019. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK) and Jagiellonian University Medical College. *Postepy Kardiol Interwencyjnej.* 2020 Jun;16(2):123-126. doi: 10.5114/aic.2020.96054. Epub 2020 Jun 23. PMID: 32636895; PMCID: PMC7333209.
- 14: Dudek D, Siudak Z, Grygier M, Araszkiewicz A, Dąbrowski M, Kusa J, Hawranek M, Huczek Z, Kralisz P, Roleder T, Bartuś S, Wojakowski W. Interventional cardiology procedures in Poland in 2018. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK) and Jagiellonian University Medical College. *Postepy Kardiol Interwencyjnej.* 2019;15(4):391-393. doi: 10.5114/aic.2019.90212. Epub 2019 Dec 8. PMID: 31933654; PMCID: PMC6956460.
- 15: Januszek R, Bartuś S. Does the use of rotational atherectomy procedure during percutaneous coronary interventions influence the frequency of procedure-related myocardial injury assessed by cardiac magnetic resonance? *J Thorac Dis.* 2018 Sep;10(Suppl 26):S3050-S3052. doi: 10.21037/jtd.2018.07.104. PMID: 30370075; PMCID: PMC6186640.
- 16: Bobrowska B, Zasada W, Zawada M, Surdacki A, Bartuś S, Rajtar-Salwa R. Autosomal recessive hypercholesterolemia: the first experience in Poland. *Pol Arch Intern Med.* 2023 Jun 23;133(6):16498. doi: 10.20452/pamw.16498. Epub 2023 May 12. PMID: 37171179.
- 17: Lanocha M, Lansky A, Siudak Z, Włodarczak A, Tarchalski J, Malinowski KP, Laskowski W, Sikora T, Radziszewska E, Dolecka-Slusarczyk M, Wojakowski W, Bartuś S, Grygier M, Tokarek T, Dudek D, Lesiak M. Does the operator's sex matter? An analysis based on the national interventional cardiology registry. *Kardiol Pol.* 2020 Dec 23;78(12):1221-1226. doi: 10.33963/KP.15665. Epub 2020 Oct 22. PMID: 33146499.
- 18: Kołtowski Ł, Legutko J, Filipiak KJ, Dziewierz A, Bartuś S, Buszman P, Buszman P, Ciećwierz D, Dąbrowski M, Dobrzyczyk S, Gil R, Goracy J, Grygier M, Jaguszewski M, Kochman J, Kubica J, Kuliczkowski W, Łodziński P, Ochala A, Reczuch K, Witkowski A, Wojakowski W, Wójcik J, Dudek D. Bivalirudin use in acute coronary syndrome patients undergoing percutaneous coronary interventions in Poland: Clinical update from expert group of the Association on Cardiovascular Interventions of the Polish Cardiac Society. *Cardiol J.* 2019;26(1):1-7. doi: 10.5603/CJ.2019.0029. PMID: 30882184; PMCID: PMC8086680.
- 19: PYRTEK LJ, BARTUS SA. HEPATIC PYEMIA. *N Engl J Med.* 1965 Mar 18;272:551-4. doi: 10.1056/NEJM196503182721102. PMID: 14248729.
- 20: Zdrojewski T, Jankowski P, Bandosz P, Bartuś S, Chwojnicki K, Drygas W, Gacioglu Z, Hoffman P, Kalarus Z, Kaźmierczak J, Kopeć G, Mamcarz A, Opolski G, Pajak A, Piotrowicz R, Podolec P, Rutkowski M, Rynkiewicz A, Siwińska A, Stepinska J, Windak A, Wojtyniak B. Nowa wersja systemu oceny ryzyka sercowo-naczyniowego i tablic SCORE dla populacji Polski [A new version of cardiovascular risk assessment system and risk charts calibrated for Polish population]. *Kardiol Pol.* 2015;73(10):958-61. Polish. doi: 10.5603/KP.2015.0182. PMID: 26521843.
- 21: Bryniarski L, Opolski MP, Wójcik J, Lesiak M, Pawłowski T, Drozd J,

Wojakowski W, Surowiec S, Dąbrowski M, Witkowski A, Dudek D, Grygier M, Bartuś S. Chronic total occlusion percutaneous coronary intervention in everyday clinical practice - an expert opinion of the Association of Cardiovascular Interventions of the Polish Cardiac Society. Postepy Kardiol Interwencyjnej. 2021 Mar;17(1):6-20. doi: 10.5114/aic.2021.104763. Epub 2021 Mar 27. PMID: 33868413; PMCID: PMC8039914.

22: Bartuś K, Sadowski J, Kapelak B, Litwinowicz R, Podolec J, Bartuś M, Dziewierz A, Bartuś S, Zajdel W, Lakkireddy D. Renal artery sympathetic nerve radiofrequency denervation. Kardiol Pol. 2017;75(9):899-906. doi: 10.5603/KP.a2017.0100. Epub 2017 May 25. PMID: 28541590.

23: Wojakowski W, Bartuś S, Grygier M. Challenging clinical and organizational scenarios in cardiovascular diseases during the SARS-CoV-2 pandemic in Poland. Can we do better? Postepy Kardiol Interwencyjnej. 2020 Jun;16(2):121-122. doi: 10.5114/aic.2020.95734. Epub 2020 May 27. PMID: 32636894; PMCID: PMC7333210.

24: Węgiel M, Kleczyński P, Dziewierz A, Rzeszutko Ł, Surdacki A, Bartuś S, Rakowski T. Frailty as a Predictor of In-Hospital Outcome in Patients with Myocardial Infarction. J Cardiovasc Dev Dis. 2022 May;5(5):145. doi: 10.3390/jcd9050145. PMID: 35621856; PMCID: PMC9145424.

25: Zasada W, Dziewierz A, Partyka L, Węgiel M, Bobrowska B, Depukat R, Rakowski T, Dudek D, Bartuś S, Rzeszutko Ł. Dissections after bioresorbable vascular scaffold implantation in the POLAR ACS Registry. Postepy Kardiol Interwencyjnej. 2022 Jun;18(2):131-136. doi: 10.5114/aic.2022.118530. Epub 2022 Aug 19. PMID: 36051830; PMCID: PMC9421522.

26: Rakowski T, Dziewierz A, Węgiel M, Siudak Z, Zasada W, Jąkała J, Dykla D, Matysek J, Surdacki A, Bartuś S, Dudek D, Wojdyła R. Risk factors of contrast-induced nephropathy in patients with acute coronary syndrome. Kardiol Pol. 2022;80(7-8):760-764. doi: 10.33963/KP.a2022.0123. Epub 2022 May 6. PMID: 35521717.

27: Januszek R, Pawlik A, Sabatowski K, Rzeszutko Ł, Bartuś S. Myocardial infarction with nonobstructive coronary arteries in a woman: Takotsubo cardiomyopathy or true myocardial infarction? Kardiol Pol. 2022;80(11):1154-1155. doi: 10.33963/KP.a2022.0225. Epub 2022 Sep 27. PMID: 36165003.

28: Januszek R, Cugowska M, Rzeszutko Ł, Bartuś S, Pawlik A. Ecmella application in a critically ill patient with cardiogenic shock. Kardiol Pol. 2023 Apr 25. Epub ahead of print. PMID: 37096952.

29: Wańha W, Tomaniak M, Wańczura P, Bil J, Januszek R, Wolny R, Opolski MP, Kuźma Ł, Janas A, Figatowski T, Gaśior P, Milewski M, Roleder-Dylewska M, Lewicki Ł, Kulczycki J, Włodarczak A, Tomaszewicz B, Iwańczyk S, Sacha J, Koltowski Ł, Dziarmaga M, Jaguszewski M, Kralisz P, Olajossy B, Sobieszek G, Dyrbuś K, Łebek M, Smolka G, Reczuch K, Gil RJ, Dobrzański S, Kwiatkowski P, Rogala M, Gaśior M, Ochala A, Kochman J, Witkowski A, Lesiak M, D'Ascenzo F, Bartuś S, Wojakowski W. Intravascular Lithotripsy for the Treatment of Stent Underexpansion: The Multicenter IVL-DRAGON Registry. J Clin Med. 2022 Mar 23;11(7):1779. doi: 10.3390/jcm11071779. PMID: 35407387; PMCID: PMC9000023.

30: Witkowski A, Dudek D, Bartuś S, Wojakowski W, Gackowski A, Grygier M, Kuzmierczyk M, Jaguszewski MJ, Kowalik E, Bondarky K, Niewada M, Przygodzki P, Jakubczyk M. Innovative medical technologies in the percutaneous treatment of tricuspid regurgitation in Poland. Cardiol J. 2022;29(3):369-380. doi: 10.5603/CJ.a2021.0130. Epub 2021 Oct 21. PMID: 34671966; PMCID: PMC9170310.

31: Tokarek T, Rajtar-Salwa R, Rzeszutko Ł, Bartuś S. Long-term benefit of redo sympathetic renal denervation in a patient with resistant hypertension. Postepy Kardiol Interwencyjnej. 2021 Jun;17(2):239-241. doi: 10.5114/aic.2021.107513. Epub 2021 Jul 9. PMID: 34400934; PMCID: PMC8356824.

32: Januszek R, Siudak Z, Dziewierz A, Rakowski T, Dudek D, Bartuś S. Chronic obstructive pulmonary disease affects angiographic presentation and outcomes. Authors' reply. Pol Arch Intern Med. 2018 Mar 29;128(3):195-196. doi: 10.20452/pamw.4237. Epub 2018 Mar 29. PMID: 29600970.

33: Barylski M, Legutko J, Lesiak M, Bartuś S, Mamcarz A, Wożakowska-Kapłon B, Grygier M, Wojakowski W, Witkowski A. An expert opinion of the Association of Cardiovascular Interventions and the Working Group on Cardiovascular Pharmacotherapy of the Polish Cardiac Society related to the place of prasugrel in the prevention of cardiovascular events in patients with acute coronary syndromes. Kardiol Pol. 2022;80(1):113-122. doi: 10.33963/KP.a2022.0006. Epub 2022 Jan 25. PMID: 35076081.

34: Budnik M, Piątkowski R, Zaleska M, Ochijewicz D, Zalewska-Adamiec M, Rajtar-Salwa R, Susuł M, Marona M, Wojtkowska A, Klotzka A, Iwańczyk S, Duda-Pyszny D, Legutko J, Gaśior M, Lesiak M, Kaźmierczak J, Wysokiński A, Ponikowski P, Leszek P, Bartuś S, Dobrzański S, Opolski G. Pol-tako - the first, nationwide Polish multicenter analysis of patients with takotsubo syndrome. Kardiol Pol. 2021;79(7-8):867-869. doi: 10.33963/KP.a2021.0037. Epub 2021 Jun 14. PMID: 34125949.

35: Kleczyński P, Brzychczy P, Kulbat A, Wegrzyn J, Fijalkowski Ł, Okarski M, Mroż K, Dziewierz A, Stapor M, Trebacz J, Sorysz D, Rzeszutko Ł, Bartuś S, Legutko J. Balloon aortic valvuloplasty for severe aortic stenosis may reduce mitral regurgitation in mid-term follow-up. Postepy Kardiol Interwencyjnej. 2022 Sep;18(3):255-260. doi: 10.5114/aic.2022.121004. Epub 2022 Nov 8. PMID: 36751280; PMCID: PMC9885222.

36: Sorysz D, Gackowski A, Trębacz J, Dziewierz A, Surdacki A, Bartuś S, Dudek D. Transcatheter aortic valve implantation complicated by papillary muscle rupture with a good final outcome. Postepy Kardiol Interwencyjnej. 2021 Jun;17(2):232-233. doi: 10.5114/aic.2021.107510. Epub 2021 Jul 9. PMID: 34400931; PMCID: PMC8356827.

37: Artur P, Kleczyński P, Dudek D, Dziewierz A, Bartuś S. Mechanical circulatory support during high-risk percutaneous coronary intervention in a

young male patient. Postepy Kardiol Interwencyjnej. 2020 Sep;16(3):347-348. doi: 10.5114/aic.2020.99274. Epub 2020 Oct 2. PMID: 33598003; PMCID: PMC7863813.

38: Arif S, Wojtasik J, Dziewierz A, Bartuś K, Dudek D, Bartuś S. Long-term mortality and follow-up after carotid artery stenting. Hippokratia. 2016 Jul-Sep;20(3):204-208. PMID: 29097886; PMCID: PMC5654437.

39: Januszek R, Siudak Z, Dziewierz A, Rakowski T, Dudek D, Bartuś S. Long-term outcomes of percutaneous coronary interventions within coronary artery bypass grafts. Arch Med Sci. 2019 Jan 30;17(3):628-637. doi: 10.5114/aoms.2018.75608. PMID: 34025832; PMCID: PMC8130480.

40: Zdzierek B, Pawlik A, Bartuś S, Januszek R. Successful percutaneous retrieval of a guidewire remnant entrapped under a coronary stent. Pol Arch Intern Med. 2023 May 23;133(5):16447. doi: 10.20452/pamw.16447. Epub 2023 Feb 28. PMID: 36861416.

41: Wańka W, Bil J, Januszek R, Gilis-Malinowska N, Figatowski T, Milewski M, Pawlik A, Staszczak B, Wybraniec M, Tomasiewicz B, Kübler P, Kuliczkowski W, Walczak T, Hrymniaik B, Desperak P, Mielczarek M, Cieciwierz D, Niezgoda P, Wolny R, Chudzik M, Kuźma Ł, Kralisz P, Kedhi E, D'Ascenzo F, Hudziak D, Kowalówka A, Smolka G, Reczuch K, Gruchała M, Kubica J, Gil RJ, Dobrzycki S, Dudek D, Bartuś S, Gaśior M, Ochala A, Witkowski A, Jaguszewski M, Wojakowski W. Long-Term Outcomes Following Drug-Eluting Balloons Versus Thin-Strut Drug-Eluting Stents for Treatment of In-Stent Restenosis (DEB-Dragon-Registry). Circ Cardiovasc Interv. 2021 Sep;14(9):e010868. doi: 10.1161/CIRCINTERVENTIONS.121.010868. Epub 2021 Sep 3. PMID: 34474584.

42: Tokarek T, Dykla D, Popiela T, Łasocha B, Bartuś S, Rzeszutko Ł. Immediate mechanical thrombectomy with DynaCT evaluation after percutaneous coronary intervention complicated by acute ischemic stroke. Kardiol Pol. 2021;79(9):1038-1039. doi: 10.33963/KP.a2021.0043. Epub 2021 Jun 24. PMID: 34166519.

43: Pawlik AK, Rzeszutko Ł, Januszek R, Kleczyński P, Bartuś K, Bryniarski L, Legutko J, Bartuś S. Hybrid method of large bore arterial access closure: Single-center initial experience based on percutaneous coronary artery interventions assisted with left ventricle support device. Cardiol J. 2022;29(6):1040-1042. doi: 10.5603/CJ.a2022.0096. Epub 2022 Oct 6. PMID: 36200543; PMCID: PMC9788735.

44: Pawlik A, Januszek R, Rzeszutko Ł, Bartuś S, Bryniarski L. High-risk percutaneous coronary angioplasty with rotational atherectomy and left ventricular assist device of chronically occluded left ascending artery in an obese patient with very low ejection fraction. Kardiol Pol. 2022;80(4):491-492. doi: 10.33963/KP.a2022.0034. Epub 2022 Feb 3. PMID: 35113999.

45: Pawłowski T, Legutko J, Kochman J, Roleder T, Pręgowski J, Chmielak Z, Kubica J, Ochala A, Parma R, Grygier M, Dudek D, Wojakowski W, Bartuś S, Witkowski A, Gil R. Clinical use of intracoronary imaging modalities in Poland. Expert opinion of the Association of Cardiovascular Interventions of the Polish Cardiac Society. Kardiol Pol. 2022;80(4):509-519. doi: 10.33963/KP.a2022.0071. Epub 2022 Mar 15. PMID: 35290660.

46: Chyrchel M, Maruszak N, Pilch W, Pawlik A, Bartuś S. Perfect optimization during coronary stent implantation - is it always beneficial? Staged primary percutaneous coronary angioplasty in a young patient with acute myocardial infarction. Postepy Kardiol Interwencyjnej. 2022 Sep;18(3):303-305. doi: 10.5114/aic.2022.120373. Epub 2022 Nov 2. PMID: 36751295; PMCID: PMC9885230.

47: Bartuś S, Rzeszutko Ł, Januszek R. Simultaneous angiographic and instantaneous wave-free ratio co-registration assisted with intravascular ultrasound for optimal assessment of left main coronary artery ostial stenosis and optimization of the angioplasty effect. Cardiol J. 2022;29(4):720-721. doi: 10.5603/CJ.2022.0064. PMID: 35794835; PMCID: PMC9273243.

48: Płońska-Gościńska E, Wojakowski W, Kukulska T, Gaśior Z, Grygier M, Mizia-Ściek K, Hirnle T, Olszowska M, Tomkiewicz-Pająk Ł, Kasprzak JD, Suwalski P, Komar M, Bartuś S, Pysz P, Mizia-Szubryt M, Hryniwiecki TT. Management of patients after heart valve interventions. Expert opinion of the Working Group on Valvular Heart Diseases, Working Group on Cardiac Surgery, and Association of Cardiovascular Interventions of the Polish Cardiac Society. Kardiol Pol. 2022;80(3):386-402. doi: 10.33963/KP.a2022.0055. Epub 2022 Mar 15. PMID: 35290659.

49: Bartuś S, Rzeszutko Ł, Januszek R. Optical coherence tomography enhanced by novel software to better visualize the mechanism of atherosclerosis and improve the effects of percutaneous coronary intervention. Kardiol Pol. 2022;80(1):99-100. doi: 10.33963/KP.a2021.0171. Epub 2021 Dec 6. PMID: 34870318.

50: Pawlik A, Januszek R, Rzeszutko Ł, Bartuś S. Percutaneous coronary intervention combining rotational atherectomy and intravascular lithotripsy in two vessels with edge restenosis assisted by percutaneous left ventricular pump support. Kardiol Pol. 2022;80(3):370-371. doi: 10.33963/KP.a2022.0027. Epub 2022 Feb 3. PMID: 35113994.

51: Bartus K, Litwinowicz R, Sadowski J, Zajdel W, Brzezinski M, Bartus M, Kleczyński P, Bartus S, Lakkireddy D, Kapelak B. Clinical factors predicting blood pressure reduction after catheter-based renal denervation. Postepy Kardiol Interwencyjnej. 2018;14(3):270-275. doi: 10.5114/aic.2018.78330. Epub 2018 Sep 21. PMID: 30302103; PMCID: PMC6173095.

52: Wańka W, Bil J, Kołodziejczak M, Kowalówka A, Kowalewski M, Hudziak D, Gocot R, Januszek R, Figatowski T, Milewski M, Tomasiewicz B, Kübler P, Hrymniaik B, Desperak P, Kuźma Ł, Milewski K, Góra A, Kulczycki J, Włodarczak A, Skorupski W, Grygier M, Lesiak M, D'Ascenzo F, Andres M, Kleczynski P, Litwinowicz R, Borin A, Smolka G, Reczuch K, Gruchała M, Gil RJ, Jaguszewski M, Bartus K, Suwalski P, Dobrzycski S, Dudek D, Bartuś S, Ga Sior M, Ochala A, Lansky AJ, Deja M, Legutko J, Kedhi E, Wojakowski W. Percutaneous Coronary Intervention vs. Coronary Artery Bypass Grafting for Treating In-Stent Restenosis in Unprotected-Left Main: LM-DRAGON-Registry. Front Cardiovasc Med.

2022 Apr 29;9:849971. doi: 10.3389/fcvm.2022.849971. PMID: 35615559; PMCID: PMC9125786.

- 53: Siudak Z, Bryniarski L, Malinowski KP, Wańka W, Wojakowski W, Surowiec S, Balan R, Januszek S, Pawlik A, Siwiec N, Bryniarski K, Surdacki A, Legutko J, Bartuś K, Bartuś S, Januszek R. Procedural Outcomes in Patients Treated with Percutaneous Coronary Interventions within Chronic Total Occlusions Stratified by Gender. *J Clin Med.* 2022 Mar 4;11(5):1419. doi: 10.3390/jcm11051419. PMID: 35268510; PMCID: PMC8911020.
- 54: Tycińska A, Gierlotka M, Bartuś S, Gąsior M, Główczyńska R, Grześk G, Jaguszewski M, Kasprzak JD, Kubica J, Legutko J, Leszek P, Nessler J, Pacileo G, Ponikowski P, Sobkowicz B, Stepińska J, Straburzyńska-Migaj E, Wojakowski W, Zawiślak B, Zymlinski R; LEIA-HF Investigators. Repetitive use of LEmosimendan in Ambulatory Heart Failure patients (LEIA-HF) - The rationale and study design. *Adv Med Sci.* 2022 Mar;67(1):18-22. doi: 10.1016/j.adms.2021.10.001. Epub 2021 Oct 14. PMID: 34656873.
- 55: Sorysz D, Węgiel M, Wiktorowicz A, Rajtar-Salwa R, Bobrowska B, Bartuś S. Diffuse large B-cell lymphoma as a rare cause of acute de novo heart failure. *Pol Arch Intern Med.* 2023 Jun 23;133(6):16496. doi: 10.20452/pamw.16496. Epub 2023 May 10. PMID: 37162327.
- 56: Tokarek T, Dziewierz A, Plens K, Rakowski T, Jaroszyńska A, Bartuś S, Siudak Z. Percutaneous coronary intervention during on- and off-hours in patients with ST-segment elevation myocardial infarction. *Hellenic J Cardiol.* 2021 May-Jun;62(3):212-218. doi: 10.1016/j.hjc.2021.01.011. Epub 2021 Feb 1. PMID: 33540055.
- 57: Kleczynski P, Kulbat A, Brzychczy P, Dziewierz A, Trebacz J, Stapor M, Sorysz D, Rzeszutko L, Bartuś S, Dudek D, Legutko J. Balloon Aortic Valvuloplasty for Severe Aortic Stenosis as Rescue or Bridge Therapy. *J Clin Med.* 2021 Oct 11;10(20):4657. doi: 10.3390/jcm10204657. PMID: 34682783; PMCID: PMC8538854.
- 58: Zasada W, Mikołajczyk F, Jędrychowska M, Malinowski K, Bobrowska B, Partyka Ł, Bartuś S, Dziewierz A. Comparison of FFR, iFR, and QFR assessment in patients with severe aortic stenosis and coronary heart disease. *Postepy Kardiol Interwencyjnej.* 2022 Jun;18(2):118-121. doi: 10.5114/ajc.2022.118527. Epub 2022 Aug 19. PMID: 36051833; PMCID: PMC9421517.
- 59: Terlecki M, Wojciechowska W, Klocek M, Olszańska A, Bednarski A, Drożdż T, Pawlinec C, Lis P, Zająć M, Rusinek J, Siudak Z, Bartuś S, Rajzer M. Impact of concomitant COVID-19 on the outcome of patients with acute myocardial infarction undergoing coronary artery angiography. *Front Cardiovasc Med.* 2022 Sep 22;9:917250. doi: 10.3389/fcvm.2022.917250. PMID: 36211554; PMCID: PMC9536466.
- 60: Bartuś S, Sińska W, Kasprzycki K, Sabatowski K, Malinowski KP, Rzeszutko Ł, Chyrchel M, Bryniarski Ł, Surdacki A, Bartuś K, Januszek R. Experience with Optical Coherence Tomography Enhanced by a Novel Software (Ultreon™ 1.0 Software)-The First One Hundred Cases. *Medicina (Kaunas).* 2022 Sep 5;58(9):1227. doi: 10.3390/medicina58091227. PMID: 36143904; PMCID: PMC9505439.
- 61: Dziewierz A, Zdzierak B, Malinowski KP, Siudak Z, Zasada W, Tokarek T, Zabojesz M, Dolecka-Ślusarczyk M, Dudek D, Bartuś S, Surdacki A, Rakowski T. Diabetes Mellitus Is Still a Strong Predictor of Periprocedural Outcomes of Primary Percutaneous Coronary Interventions in Patients Presenting with ST-Segment Elevation Myocardial Infarction (from the ORPKI Polish National Registry). *J Clin Med.* 2022 Oct 25;11(21):6284. doi: 10.3390/jcm11216284. PMID: 36362512; PMCID: PMC9657628.
- 62: Hawranek M, Grygier M, Bujak K, Bartuś S, Gierlotka M, Wojakowski W, Legutko J, Lesiak M, Paczek P, Kleinrok A, Milewski K, Kubica J, Tajstra M, Dudek D, Witkowski A, Gąsior M. Characteristics of patients from the Polish Registry of Acute Coronary Syndromes during the COVID-19 pandemic: the first report. *Kardiol Pol.* 2021 Feb 25;79(2):192-195. doi: 10.33963/KP.15756. Epub 2021 Jan 18. PMID: 33463992.
- 63: Gąsior M, Desperak P, Dudek D, Witkowski A, Buszman PE, Trzeciak P, Hawranek M, Gierlotka M, Bartuś S, Grygier M, Zembala M, Stepińska J, Legutko J, Wojakowski W. Multivessel Intervention in Myocardial Infarction with Cardiogenic Shock: CULPRIT-SHOCK Trial Outcomes in the PL-ACS Registry. *J Clin Med.* 2021 Apr 22;10(9):1832. doi: 10.3390/jcm10091832. PMID: 33922373; PMCID: PMC8122818.
- 64: Kubica J, Kubica A, Grzelakowska K, Stolarek W, Grabczewska Z, Michalski P, Niezgoda P, Bartuś S, Budaj A, Dąbrowski M, Drożdż J, Gellert R, Jaguszewski MJ, Jankowski P, Legutko J, Lesiak M, Leszek P, Małyszko J, Mitkowski P, Nessler J, Pawlaczek K, Siller-Matulia J, Stompór T, Wolnik B, Navarese EP. Inhibitors of sodium-glucose transport protein 2: A new multidirectional therapeutic option for heart failure patients. *Cardiol J.* 2023;30(1):143-149. doi: 10.5603/CJ.a2021.0133. Epub 2021 Oct 28. PMID: 34708866; PMCID: PMC9987542.
- 65: Pawlik A, Januszek R, Dziewierz A, Dudek D, Bartuś S. Extremely high-risk percutaneous coronary intervention in an elderly patient with multiple comorbidities and good general condition. *Kardiol Pol.* 2020 Apr 24;78(4):344-345. doi: 10.33963/KP.15197. Epub 2020 Feb 19. PMID: 32081842.
- 66: Zeymer U, Ludman P, Danchin N, Kala P, Maggioni AP, Weidinger F; ACS STEMI Investigators. The ESC ACCA EAPCI EORP acute coronary syndrome ST-elevation myocardial infarction registry. *Eur Heart J Qual Care Clin Outcomes.* 2020 Apr 1;6(2):100-104. doi: 10.1093/ehjqcco/qzc042. Erratum in: *Eur Heart J Qual Care Clin Outcomes.* 2021 May 3;7(3):323. PMID: 31359068.
- 67: Kubica J, Ostrowska M, Stolarek W, Kasprzak M, Grzelakowska K, Kryś J, Kubica A, Adamski P, Podhajski P, Navarese EP, Anielska-Michałak E, Brycht O, Curzytek A, Dudek A, Gromadzki Ł, Grzelakowska P, Kamiński L, Kleinrok A, Kostkiewicz M, Koziński M, Król P, Kulawik T, Minczew G, Mindykowski M, Pawlak A, Prokopczuk J, Skonieczny G, Sobkowicz B, Sowiński S, Stankala S, Szymański P, Wester A, Wilczewski P, Bartuś S, Budaj A, Gąsior M, Gruchała M, Drożdż J, Jaguszewski M, Jankowski P, Legutko J, Lesiak M, Leszek P, Mitkowski P, Nessler J, Tomaszuk-Kazberuk A, Tycińska A, Zdrojewski T, Kaźmierczak J. Impact of

COVID-19 pandemic on acute heart failure admissions and mortality: a multicentre study (COV-HF-SIRIO 6 study). *ESC Heart Fail.* 2022 Feb;9(1):721-728. doi: 10.1002/ehf2.13680. Epub 2021 Nov 16. PMID: 34786869; PMCID: PMC8652676.

68: Wolny R, Kowalik I, Januszek R, Bil J, Figatowski T, Milewski M, Tomasiewicz B, Walczak T, Hrymnia B, Desperak P, Niegzoda P, Chudzik M, Kuźma Ł, Kralisz P, D'Ascenzo F, Hudziak D, Jaguszewski M, Reczuch K, Kubica J, Gil RJ, Dobrzycki S, Bartuś S, Gąsior M, Ochala A, Witkowski A, Wojakowski W, Wańska W. Long-term outcomes following drug-eluting balloons vs. thin-strut drug-eluting stents for treatment of recurrent restenosis in drug-eluting stents. *Kardiol Pol.* 2022;80(7-8):765-773. doi: 10.33963/KP.a2022.0106. Epub 2022 Apr 21. PMID: 35445739.

69: Januszek R, Bartuś S. Stent underexpansion due to heavy calcification in a patient with recent acute coronary syndrome successfully treated with lithotripsy. *Kardiol Pol.* 2021;79(7-8):875-876. doi: 10.33963/KP.15970. Epub 2021 May 20. PMID: 33909386.

70: Januszek R, Siudak Z, Malinowski KP, Wańska W, Wojakowski W, Gąsior M, Bartuś S, Dudek D. Transradial and Transfemoral Approach in Patients with Prior Coronary Artery Bypass Grafting. *J Clin Med.* 2020 Mar 12;9(3):764. doi: 10.3390/jcm9030764. PMID: 32178306; PMCID: PMC7141268.

71: Staszczak B, Malinowski KP, Wańska W, Siudak Z, Jędrychowska M, Susuł M, Surowiec S, Darocha S, Surdacki A, Kurzyna M, Wojakowski W, Legutko J, Bartuś S, Januszek R. Frequency and predictors of diagnostic coronary angiography and percutaneous coronary intervention related to stroke. *Kardiol Pol.* 2021;79(10):1099-1106. doi: 10.33963/KP.a2021.0100. Epub 2021 Sep 2. PMID: 34472076.

72: Hudzik B, Budaj A, Gierlotka M, Witkowski A, Wojakowski W, Zdrojewski T, Gil R, Legutko J, Bartuś S, Buszman P, Dudek D, Gąsior M. Assessment of quality of care of patients with ST-segment elevation myocardial infarction. *Eur Heart J Acute Cardiovasc Care.* 2020 Dec;9(8):893-901. doi: 10.1177/2048872619882360. Epub 2019 Nov 25. PMID: 31762288.

73: Siudak Z, Grygier M, Wojakowski W, Malinowski KP, Witkowski A, Gąsior M, Dudek D, Bartuś S. Clinical and procedural characteristics of COVID-19 patients treated with percutaneous coronary interventions. *Catheter Cardiovasc Interv.* 2020 Nov;96(6):E568-E575. doi: 10.1002/ccd.29134. Epub 2020 Jul 20. PMID: 32686899; PMCID: PMC7405230.

74: Stanek A, Wielkoszyński T, Bartuś S, Cholewka A. Whole-Body Cryostimulation Improves Inflammatory Endothelium Parameters and Decreases Oxidative Stress in Healthy Subjects. *Antioxidants (Basel).* 2020 Dec 21;9(12):1308. doi: 10.3390/antiox9121308. PMID: 33371392; PMCID: PMC7767467.

75: Surdacki MA, Major M, Chyrchel M, Kleczyński P, Rakowski T, Bryniarski L, Uda M, Wysocka R, Żmuda W, Wiśniewski A, Nosal M, Małiszewski M, Rzeszutko M, Legutko J, Surdacki A, Bartuś S, Rzeszutko Ł. Urgent Pericardiocentesis Is More Frequently Needed After Left Circumflex Coronary Artery Perforation. *J Clin Med.* 2020 Sep 21;9(9):3043. doi: 10.3390/jcm9093043. PMID: 32967327; PMCID: PMC7565780.

76: Alsina AE, Bartus S, Hull D, Rosson R, Schweizer RT. Liver transplant for metastatic neuroendocrine tumor. *J Clin Gastroenterol.* 1990 Oct;12(5):533-7. doi: 10.1097/00004836-199010000-00009. PMID: 1699994.

77: Rudolph JE, Schweizer RT, Bartus SA. Pregnancy in renal transplant patients: a review. *Transplantation.* 1979 Jan;27(1):26-9. doi: 10.1097/00007890-197901000-00007. PMID: 375491.

78: Kańtoch A, Chyrchel B, Surowiec S, Chyrchel M, Rzeszutko Ł, Surdacki A, Bartuś S, Bryniarski L. How multislice computed tomography of the coronary arteries can change the chronic total occlusion recanalization procedure. *Kardiol Pol.* 2023;81(5):524-525. doi: 10.33963/KP.a2023.0078. Epub 2023 Mar 31. PMID: 36999724.

79: Januszek R, Bil J, Gilis-Malinowska N, Staszczak B, Figatowski T, Milewski M, Mielczarek M, Dylewski Ł, Wybraniec M, Tomasiewicz B, Kübler P, Walczak T, Hrymnia B, Desperak P, Niegzoda P, Wolny R, Chudzik M, Smolka G, Ciećwierz D, Reczuch K, Gruchała M, Kubica J, Gil RJ, Kedhi E, D'Ascenzo F, Balan R, Pawlik A, Kuźma Ł, Dobrzycki S, Hudziak D, Bartuś S, Gąsior M, Ochala A, Witkowski A, Jaguszewski M, Wojakowski W, Wańska W. Long-term outcomes following drug-eluting balloon or thin-strut drug-eluting stents for treatment of in-stent restenosis stratified by duration of dual antiplatelet therapy (DEB-Dragon Registry). *Postępy Kardiol Interwencyjnej.* 2022 Mar;18(1):14-26. doi: 10.5114/aic.2022.115631. Epub 2022 Apr 22. PMID: 35982740; PMCID: PMC9199027.

80: Januszek R, Zabojszcz M, Cyran-Stempleska S, Kręcisz B, Bartuś S, Siudak Z. Impact of psoriasis on ticagrelor platelet activity versus clopidogrel in patients with chronic coronary syndromes treated via percutaneous coronary intervention. *Pol Arch Intern Med.* 2021 Oct 27;131(10):16105. doi: 10.20452/pamw.16105. Epub 2021 Oct 6. PMID: 34612030.

81: Chyrchel M, Hałubiec P, Duchnevič O, Łazarczyk A, Okarski M, Januszek R, Rzeszutko Ł, Bartuś S, Surdacki A. Prognostic Factors in Patients with Sudden Cardiac Arrest and Acute Myocardial Infarction Undergoing Percutaneous Interventions with the LUCAS-2 System for Mechanical Cardiopulmonary Resuscitation. *J Clin Med.* 2022 Jul 4;11(13):3872. doi: 10.3390/jcm11133872. PMID: 35807156; PMCID: PMC9267592.

82: Chyrchel M, Siudak Z, Rzeszutko Ł, Rocznia J, Piechocki M, Koziółek W, Malinowski KP, Januszek R, Bartuś S, Surdacki A. Culprit plaque location within the left circumflex coronary artery predicts clinical outcomes in patients experiencing acute coronary syndromes with percutaneous coronary intervention: Data from the ORPKI registry. *Kardiol Pol.* 2022;80(9):926-936. doi: 10.33963/KP.a2022.0150. Epub 2022 Jun 20. PMID: 35724333.

83: Piątek Ł, Piątek K, Kurzawski J, Sadowski M, Malinowski K, Cecha P, Bartuś S, Siudak Z. Predictors and periprocedural outcomes of access crossover during

primary percutaneous coronary interventions - a contemporary report from the Polish ORPKI registry. *Kardiol Pol.* 2022;80(7-8):799-805. doi: 10.33963/KP.a2022.0121. Epub 2022 May 6. PMID: 35521715.

84: Gruszka K, Jankowski P, Bartuś S, Rajzer M. Successful revascularization of total occlusion of the left anterior descending artery in patient with COVID-19 infection and treatment-resistant heart failure. *Kardiol Pol.* 2021;79(7-8):889-890. doi: 10.33963/KP.a2021.0019. Epub 2021 May 24. PMID: 34029372.

85: Bobrowska B, Krawczyk-Ozog A, Bartuś S, Rajtar-Salwa R. Effectiveness and safety of proprotein convertase subtilisin/kexin type 9 inhibitors in patients with familial hypercholesterolemia. Our experience in implementing the drug program of the Polish National Health Fund. *Postepy Kardiol Interwencyjnej.* 2022 Jun;18(2):162-166. doi: 10.5114/aic.2022.118533. Epub 2022 Aug 19. PMID: 36051838; PMCID: PMC9421525.

86: Januszek R, Sińska W, Sabatowski K, Malinowski KP, Heba G, Surowiec S, Chyrchel M, Rzeszutko Ł, Bryniarski Ł, Surdacki A, Bartuś K, Bartuś S. Procedure-Related Differences and Clinical Outcomes in Patients Treated with Percutaneous Coronary Intervention Assisted by Optical Coherence Tomography between New and Earlier Generation Software (Ultreon™ 1.0 Software vs. AptiVue™ Software). *J Cardiovasc Dev Dis.* 2022 Jul 6;9(7):218. doi: 10.3390/jcd9070218. PMID: 35877580; PMCID: PMC9318712.

87: Januszek R, Siudak Z, Malinowski KP, Wańka W, Wojakowski W, Reczuch K, Dobrzycki S, Lesiak M, Hawranek M, Gil RJ, Witkowski A, Lekston A, Gaśior M, Chyrchel M, Jedrychowska M, Bartuś K, Zajdel W, Legutko J, Bartuś S. Annual operator volume among patients treated using percutaneous coronary interventions with rotational atherectomy and procedural outcomes: Analysis based on a large national registry. *Catheter Cardiovasc Interv.* 2022 May;99(6):1723-1732. doi: 10.1002/ccd.30155. Epub 2022 Mar 22. PMID: 35318789.

88: Matysek M, Wójcicki K, Tokarek T, Dziewierz A, Rakowski T, Bartuś S, Dudek D. Knowledge and Prevalence of Risk Factors for Coronary Artery Disease in Patients after Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting. *Healthcare (Basel).* 2022 Jun 20;10(6):1142. doi: 10.3390/healthcare10061142. PMID: 35742193; PMCID: PMC9223287.

89: Długoś D, Surdacki A, Zawiślak B, Bartuś S, Chyrchel B. Impaired Left Ventricular Circumferential Midwall Systolic Performance Appears Linked to Depressed Preload, but Not Intrinsic Contractile Dysfunction or Excessive Afterload, in Paradoxical Low-Flow/Low-Gradient Severe Aortic Stenosis. *J Clin Med.* 2022 May 19;11(10):2873. doi: 10.3390/jcm11102873. PMID: 35628998; PMCID: PMC9144151.

90: Januszek R, Pawlik A, Rzeszutko Ł, Bartuś K, Bartuś S. Clinical outcomes in patients undergoing complex, high-risk percutaneous coronary intervention and haemodynamic support with intra-aortic balloon versus Impella pump: Real-life single-centre preliminary results. *Kardiol Pol.* 2022;80(12):1224-1231. doi: 10.33963/KP.a2022.0203. Epub 2022 Sep 1. PMID: 36047958.

91: Zeymer U, Ludman P, Danchin N, Kala P, Laroche C, Gale CP, Maggioni AP, Siabani S, Sadeghi M, Wafa A, Bartuś S, Weidinger F. Reperfusion therapy for ST-elevation myocardial infarction complicated by cardiogenic shock: the European Society of Cardiology EurObservational programme acute cardiovascular care-European association of PCI ST-elevation myocardial infarction registry. *Eur Heart J Acute Cardiovasc Care.* 2022 Jun 22;11(6):481-490. doi: 10.1093/ehjacc/zuac049. PMID: 35593654.

92: Węgiel M, Dziewierz A, Wojtasik-Bakalarz J, Sorysz D, Surdacki A, Bartuś S, Dudek D, Rakowski T. Hospitalization Length after Myocardial Infarction: Risk-Assessment-Based Time of Hospital Discharge vs. Real Life Practice. *J Clin Med.* 2018 Dec 18;7(12):564. doi: 10.3390/jcm7120564. PMID: 30567307; PMCID: PMC6306951.

93: Januszek R, Siudak Z, Malinowski KP, Reczuch K, Dobrzycki S, Lesiak M, Hawranek M, Gil RJ, Witkowski A, Wojakowski W, Lekston A, Gaśior M, Wańka W, Dudek D, Bartuś S. Radial versus femoral access in patients treated with percutaneous coronary intervention and rotational atherectomy. *Kardiol Pol.* 2020 Jun 25;78(6):529-536. doi: 10.33963/KP.15286. Epub 2020 Apr 8. PMID: 32267133.

94: Węgiel M, Rzeszutko Ł, Kleczynski P, Zasada W, Depukat R, Rakowski T, Legutko J, Surdacki A, Dudek D, Bartuś S. Long-term clinical outcomes of direct absorb bioresorbable vascular scaffold implantation in acute coronary syndrome. *Minerva Cardiolangiologica.* 2019 Oct;67(5):374-379. doi: 10.23736/S0026-4725.19.04854-0. Epub 2019 Sep 13. PMID: 31527582.

95: Kodali SK, Williams MR, Smith CR, Svensson LG, Webb JG, Makkar RR, Fontana GP, Dewey TM, Thourani VH, Picard AD, Fischbein M, Szeto WY, Lim S, Greason KL, Teirstein PS, Malaisrie SC, Douglas PS, Hahn RT, Whisenant B, Zajarias A, Wang D, Akin JJ, Anderson WN, Leon MB; PARTNER Trial Investigators. Two-year outcomes after transcatheter or surgical aortic-valve replacement. *N Engl J Med.* 2012 May 3;366(18):1686-95. doi: 10.1056/NEJMoa1200384. Epub 2012 Mar 26. PMID: 22443479.

96: Makkar RR, Fontana GP, Jilaihawi H, Kapadia S, Picard AD, Douglas PS, Thourani VH, Babaliaros VC, Webb JG, Herrmann HC, Bavaria JE, Kodali S, Brown DL, Bowers B, Dewey TM, Svensson LG, Tuzcu M, Moses JW, Williams MR, Siegel RJ, Akin JJ, Anderson WN, Pocock S, Smith CR, Leon MB; PARTNER Trial Investigators. Transcatheter aortic-valve replacement for inoperable severe aortic stenosis. *N Engl J Med.* 2012 May 3;366(18):1696-704. doi: 10.1056/NEJMoa1202277. Epub 2012 Mar 26. Erratum in: *N Engl J Med.* 2012 Aug 30;367(9):881. PMID: 22443478.

97: Węgiel M, Wojtasik-Bakalarz J, Malinowski K, Surmiak M, Dziewierz A, Sorysz D, Tokarek T, Dudek D, Bartuś S, Surdacki A, Rakowski T. Mid-regional pro-adrenomedullin and lactate dehydrogenase as predictors of left ventricular remodeling in patients with myocardial infarction treated with percutaneous coronary intervention. *Pol Arch Intern Med.* 2022 Feb 28;132(2):16150. doi: 10.20452/pamw.16150. Epub 2021 Nov 30. PMID: 34846110.

98: Januszek R, Dziewierz A, Siudak Z, Rakowski T, Dudek D, Bartuś S. Chronic

obstructive pulmonary disease and periprocedural complications in patients undergoing percutaneous coronary interventions. *PLoS One*. 2018 Oct 1;13(10):e0204257. doi: 10.1371/journal.pone.0204257. PMID: 30273363; PMCID: PMC6166928.

99: Januszek RA, Dziewierz A, Siudak Z, Rakowski T, Legutko J, Rzeszutko Ł, Kleczyński P, Dudek D, Bartuś S. Diabetes and periprocedural outcomes in patients treated with rotablation during percutaneous coronary interventions. *Cardiol J*. 2018 Sep 20;27(2):152–61. doi: 10.5603/CJ.a2018.0102. Epub ahead of print. PMID: 30234901; PMCID: PMC8016042.

100: Wojakowski W, Chmielak Z, Widenka K, Pręgowski J, Perek B, Gackowski A, Bartuś K, Szmański P, Deja MA, Kalarus Z, Suwalski P, Trębacz J, Kolsut P, Scisio P, Wróbel K, Smolka G, Gerber W, Dudek D, Hirnle T, Grygier M, Bartuś S, Witkowski A, Kuśmierczyk M. Transcatheter mitral valve repair and replacement. Expert consensus statement of the Polish Cardiac Society and the Polish Society of Cardiothoracic Surgeons. *Kardiol Pol*. 2021;79(10):1165–1177. doi: 10.33963/KP.a2021.0116. Epub 2021 Oct 2. PMID: 34599502.

101: Kądzia J, Kochman J, Grygier M, Michałowska I, Tomaniak M, Wojakowski W, Araszkiewicz A, Dąbrowski M, Hawranek M, Huczka Z, Kralisz P, Kusa J, Roleder T, Januszewicz A, Witkowski A, Adlam D, Bartuś S. The diagnosis and management of spontaneous coronary artery dissection - expert opinion of the Association of Cardiovascular Interventions (ACVI) of Polish Cardiac Society. *Kardiol Pol*. 2021;79(7–8):930–943. doi: 10.33963/KP.a2021.0068. Epub 2021 Jul 22. PMID: 34292564.

102: Kleczyński P, Ruzsa Z, Wojtasik-Bakalarz J, Nyerges A, Dziewierz A, Januszek R, Rakowski T, Dudek D, Bartuś S. Predictors of mortality and outcomes after retrograde endovascular angioplasty in patients with peripheral artery disease. *Postepy Kardiol Interwencyjnej*. 2019;15(2):234–239. doi: 10.5114/aic.2019.81727. Epub 2019 Jan 30. PMID: 31497057; PMCID: PMC6727223.

103: Kasprzak JD, Płońska-Gościńska E, Bartuś S, Gaśior Z, Grygier M. The importance of detection and percutaneous closure of patent foramen ovale during the coronavirus disease 2019 pandemic. Authors' reply. *Kardiol Pol*. 2020 Jun 25;78(6):616–617. doi: 10.33963/KP.15458. Epub 2020 Jun 25. PMID: 32589386.

104: Januszek RA, Dziewierz A, Siudak Z, Rakowski T, Dudek D, Bartuś S. Predictors of periprocedural complications in patients undergoing percutaneous coronary interventions within coronary artery bypass grafts. *Cardiol J*. 2019;26(6):633–644. doi: 10.5603/CJ.a2018.0044. Epub 2018 Apr 19. PMID: 29671862; PMCID: PMC8083028.

105: Danuta S, Krawczyk-Ożóg A, Dziewierz A, Tokarek T, Zawiślak B, Hołda M, Komnata K, Surdacki A, Bartuś S, Dudek D. Assessment of mitral regurgitation and mitral complex geometry in patients after transcatheter aortic valve implantation. *Postepy Kardiol Interwencyjnej*. 2020 Sep;16(3):300–305. doi: 10.5114/aic.2020.99265. Epub 2020 Oct 2. PMID: 33597995; PMCID: PMC7863815.

106: Ruzsa Z, Wojtasik-Bakalarz J, Nyerges A, Rakowski T, Kleczyński P, Bartuś S. Long-Term Follow-up After Retrograde Recanalization of Superficial Femoral Artery Chronic Total Occlusion. *J Invasive Cardiol*. 2017 Oct;29(10):336–339. PMID: 28974660.

107: Kleczyński P, Siudak Z, Dziewierz A, Tokarek T, Rakowski T, Legutko J, Bartuś S, Dudek D. The network of invasive cardiology facilities in Poland in 2016 (data from the ORPKI Polish National Registry). *Kardiol Pol*. 2018;76(4):805–807. doi: 10.5603/KP.2018.0081. PMID: 29652427.

108: Bryndza MA, Litwinowicz R, Bartuś S, Nosal M, Godlewski J, Orzechowska A, Wiśniewski Ł, Korpak-Wysocka R, Rzeszutko Ł, Kocik P, Matysek J, Klecha A, Wiśniewski Ł, Blicharz J, Maliszewski M, Filip G, Kapelak B, Bartuś K, Legutko J. Incidence of mechanical complications following myocardial infarction during the first two months of the COVID-19 pandemic in the Southern Poland region: a multicenter study. *Kardiol Pol*. 2021 Jan 25;79(1):66–68. doi: 10.33963/KP.15653. Epub 2020 Oct 21. PMID: 33094570.

109: Pawlik A, Kołcz J, Szeliga J, Bartuś S, Górecki N. Stenting of a non-stenosed left main coronary artery in a 16-month-old infant resulting in a significant hemodynamic improvement. *Kardiol Pol*. 2023;81(4):417–418. doi: 10.33963/KP.a2023.0053. Epub 2023 Mar 5. PMID: 36871305.

110: Tokarek T, Dziewierz A, Malinowski KP, Rakowski T, Bartuś S, Dudek D, Siudak Z. Treatment Delay and Clinical Outcomes in Patients with ST-Segment Elevation Myocardial Infarction during the COVID-19 Pandemic. *J Clin Med*. 2021 Aug 30;10(17):3920. doi: 10.3390/jcm10173920. PMID: 34501369; PMCID: PMC8432080.

111: Wojtasik-Bakalarz J, Arif S, Chryschel M, Rakowski T, Bartuś K, Dudek D, Bartuś S. Twelve months follow-up after retrograde recanalization of superficial femoral artery chronic total occlusion. *Postepy Kardiol Interwencyjnej*. 2017;13(1):47–52. doi: 10.5114/aic.2017.66186. Epub 2017 Mar 10. PMID: 28344617; PMCID: PMC5364282.

112: Węgiel M, Rakowski T, Dziewierz A, Wojtasik-Bakalarz J, Sorysz D, Bartuś S, Surdacki A, Dudek D. CHA₂</sub>>2</sub>>DS₂>2</sub>-VASC and R₂>CH₂>DS₂>2</sub>-VASC scores predict in-hospital and post-discharge outcome in patients with myocardial infarction. *Postepy Kardiol Interwencyjnej*. 2018;14(4):391–398. doi: 10.5114/aic.2018.79869. Epub 2018 Dec 11. PMID: 30603029; PMCID: PMC6309841.

113: Schweizer RT, Bartus SA, Low HB. Current status of liver transplantation. *Conn Med*. 1986 Oct;50(10):641–5. PMID: 3536294.

114: Bartus K, Sorysz D, Litwinowicz R, Kapelak B, Dziewierz A, Bartus S. Ischemic stroke after left atrial appendage occlusion with LARIAT in a patient with a coagulation disorder and unrecognized carotid artery stenosis. *Postepy Kardiol Interwencyjnej*. 2020 Dec;16(4):521–523. doi: 10.5114/aic.2020.101785. Epub 2020 Dec 29. PMID: 33598034; PMCID: PMC7863816.

115: Jędrychowska M, Siudak Z, Malinowski KP, Zandecki Ł, Zabojszcz M, Kameczura

T, Mika P, Bartuś K, Wańka W, Wojakowski W, Legutko J, Bartuś S, Januszek R. ST-segment elevation myocardial infarction with non-obstructive coronary arteries: Score derivation for prediction based on a large national registry. *PLoS One*. 2021 Aug 5;16(8):e0254427. doi: 10.1371/journal.pone.0254427. PMID: 34351919; PMCID: PMC8341573.

116: Legutko J, Niewiara Ł, Bartuś S, Dobrzycki S, Gaśior M, Gierlotka M, Kochman J, Lesiak M, Matysek J, Ochała A, Pawłowski T, Gil R, Witkowski A. Decline in the number of coronary angiography and percutaneous coronary intervention procedures in patients with acute myocardial infarction in Poland during the coronavirus disease 2019 pandemic. *Kardiol Pol*. 2020 Jun 25;78(6):574-576. doi: 10.33963/KP.15393. Epub 2020 May 27. PMID: 32469190.

117: Niedziela JT, Hiczkiewicz J, Kleinrok A, Pączek P, Leszek P, Lelonek M, Rozentryt P, Parma Z, Witkowski A, Bartuś S, Zdrojewski T, Buszman P, Kaźmierczak J, Strojek K, Gaśior M. Prevalence, characteristics, and prognostic implications of type 2 diabetes in patients with myocardial infarction: the Polish Registry of Acute Coronary Syndromes (PL-ACS) annual 2018 report. *Kardiol Pol*. 2020 Mar 25;78(3):243-246. doi: 10.33963/KP.15189. Epub 2020 Feb 12. PMID: 32063598.

118: Araszkiewicz A, Bartuś S, Demkow M, Grygier M, Huczko Z, Komar M, Pracoń R, Przewłocki T, Sabiniewicz R, Smolka G, Olszowska M, Wojakowski W. Interventional closure of patent foramen ovale in prevention of thromboembolic events. Consensus document of the Association of Cardiovascular Interventions and the Section of Grown-up Congenital Heart Disease of the Polish Cardiac Society. *Kardiol Pol*. 2019 Nov 22;77(11):1094-1105. doi: 10.33963/KP.15058. Epub 2019 Nov 13. PMID: 31723115.

119: Pawełkowska K, Bartus S, Sobczyński R, Medrzycki M, Grudzien G, Filip G, Cierpikowski B, Bartus K, Kapelak B. Early experience with the Thopaz⁺ chest drainage system - is this a new era in the management of post-cardiotomy bleeding? *Kardiochir Torakochirurgia Pol*. 2021 Dec;18(4):236-238. doi: 10.5114/kitp.2021.112191. Epub 2022 Jan 9. PMID: 35079266; PMCID: PMC8768854.

120: Meier B, Kalesan B, Mattle HP, Khattab AA, Hildick-Smith D, Dudek D, Andersen G, Ibrahim R, Schuler G, Walton AS, Wahl A, Windecker S, Jüni P; PC Trial Investigators. Percutaneous closure of patent foramen ovale in cryptogenic embolism. *N Engl J Med*. 2013 Mar 21;368(12):1083-91. doi: 10.1056/NEJMoa1211716. PMID: 23514285.

121: Montalescot G, Bolognese L, Dudek D, Goldstein P, Hamm C, Tanguay JF, ten Berg JM, Miller DL, Costigan TM, Goedcke J, Silvain J, Angioli P, Legutko J, Niethammer M, Motovska Z, Jakubowski JA, Cayla G, Visconti LO, Vicaut E, Widimsky P; ACCOAST Investigators. Pretreatment with prasugrel in non-ST-segment elevation acute coronary syndromes. *N Engl J Med*. 2013 Sep 12;369(11):999-1010. doi: 10.1056/NEJMoa1308075. Epub 2013 Sep 1. PMID: 23991622.

122: Kowalewski M, Wańka W, Litwinowicz R, Kołodziejczak M, Pasierski M, Januszek R, Kuźma Ł, Grygier M, Lesiak M, Kaplon-Cieślicka A, Reczuch K, Gil R, Pawłowski T, Bartuś K, Dobrzycki S, Lorusso R, Bartuś S, Deja MA, Smolka G, Wojakowski W, Suwalski P. Stand-Alone Left Atrial appendage occlusion for thromboembolism prevention in nonvalvular Atrial fibrillation Disease Registry (SALAMANDER): protocol for a prospective observational nationwide study. *BMJ Open*. 2022 Sep 21;12(9):e063990. doi: 10.1136/bmjopen-2022-063990. PMID: 36130748; PMCID: PMC9494590.

123: Schweizer RT, Bartus SA. Vitamin A and immunosuppression of allografts in dogs and rabbits. *J Surg Res*. 1975 Oct;19(4):229-32. doi: 10.1016/0022-4804(75)90085-2. PMID: 1102788.

124: Sorysz D, Dzwierz A, Bagieński M, Parma R, Grygier M, Dębiński M, Kübler P, Stańpór M, Jagielak D, Kleczyński P, Bartuś S, Dudek D. Early results of the ongoing Polish Registry of Valve Thrombosis after Transcatheter Aortic Valve Implantation (ZAK-POLTAVI). *Kardiol Pol*. 2020 Aug 25;78(7-8):681-687. doi: 10.33963/KP.15426. Epub 2020 Jun 8. PMID: 32543799.

125: Januszek R, Siudak Z, Malinowski KP, Wojdyła R, Mika P, Wańka W, Kameczura T, Surdacki A, Wojakowski W, Legutko J, Bartuś S. Aspiration Thrombectomy in Patients with Acute Myocardial Infarction-5-Year Analysis Based on a Large National Registry (ORPKI). *J Clin Med*. 2020 Nov 9;9(11):3610. doi: 10.3390/jcm9113610. PMID: 33182436; PMCID: PMC7698028.

126: Schweizer RT, Bartus SA, Kahn CS. Fibrosis of a renal transplant ureter. *J Urol*. 1977 Jan;117(1):125-6. doi: 10.1016/s0022-5347(17)58369-x. PMID: 318705.

127: Wańka W, Januszek R, Kołodziejczak M, Kuźma Ł, Tajstra M, Figatowski T, Smolarek-Nicpoń M, Gruz-Kwapisz M, Tomaszewicz B, Bartuś J, Łoś A, Jagielak D, Roleder T, Włodarczak A, Kulczycki J, Kowalewski M, Hudziak D, Stachowiak P, Gorący J, Sierakowska K, Reczuch K, Jaguszewski M, Dobrzycki S, Smolka G, Bartuś S, Ochała A, Gaśior M, Wojakowski W. Procedural and 1-year outcomes following large vessel coronary artery perforation treated by covered stents implantation: Multicentre CRACK registry. *PLoS One*. 2021 May 12;16(5):e0249698. doi: 10.1371/journal.pone.0249698. PMID: 33979357; PMCID: PMC8115813.

128: Roe MT, Armstrong PW, Fox KA, White HD, Prabhakaran D, Goodman SG, Cornel JH, Bhatt DL, Clemmensen P, Martinez F, Ardissino D, Nicolau JC, Boden WE, Gurbel PA, Ruzyllo W, Dalby AJ, McGuire DK, Leiva-Pons JL, Parkhomenko A, Gottlieb S, Topacio GO, Hamm C, Pavlides G, Goudev AR, Oto A, Tseng CD, Merkely B, Gasparovic V, Corbalan R, Cinteză M, McLendon RC, Winters KJ, Brown EB, Lokhnygina Y, Aylward PE, Huber K, Hochman JS, Ohman EM; TRILOGY ACS Investigators. Prasugrel versus clopidogrel for acute coronary syndromes without revascularization. *N Engl J Med*. 2012 Oct 4;367(14):1297-309. doi: 10.1056/NEJMoa1205512. Epub 2012 Aug 25. PMID: 22920930.

129: Krawczyk-Ozgó A, Hołda MK, Batko J, Bartuś S, Rajtar-Salwa R. Three-dimensional cardiac computed tomography compared with autopsied material for the assessment of the mitral valve. *Clin Anat*. 2023 Mar;36(2):250-255. doi: 10.1002/ca.23967. Epub 2022 Nov 1. PMID: 36271778.

- 130: Sorysz D, Dziewierz A, Rzeszutko Ł, Wiktorowicz A, Wojakowski W, Parma R, Skoczyńska A, Kleczyński P, Stąpór M, Dudek D, Legutko J, Bartuś S. Safety and efficacy of repeated balloon aortic valvuloplasty in patients with symptomatic severe aortic stenosis. *Kardiol Pol.* 2023;81(4):366-372. doi: 10.33963/KP.a2023.0021. Epub 2023 Jan 17. PMID: 36648223.
- 131: Zdzierak B, Zasada W, Krawczyk-Ożóg A, Rakowski T, Bartuś S, Surdacki A, Dziewierz A. Comparison of Fractional Flow Reserve with Resting Non-Hyperemic Indices in Patients with Coronary Artery Disease. *J Cardiovasc Dev Dis.* 2023 Jan 18;10(2):34. doi: 10.3390/jcd10020034. PMID: 36826530; PMCID: PMC9959762.
- 132: Bartuś S, Rakowski T, Siudak Z, Chyrchel M, Zabek A, Jakala J, Dubiel JS, Dudek D. Recanalization of peripheral arteries by interventional cardiologists: rationale and results. *Int J Cardiol.* 2008 Sep 26;129(2):304-6. doi: 10.1016/j.ijcard.2007.06.051. Epub 2007 Aug 8. PMID: 17689715.
- 133: Dudek D, Dziewierz A, Kleczyński P, Giszterowicz D, Rakowski T, Sorysz D, Rzeszutko Ł, Legutko J, Bartuś S, Dragan J, Klecha A, Siudak Z, Żmudka K. Long-term follow-up of mesh-covered stent implantation in patients with ST-segment elevation myocardial infarction. *Kardiol Pol.* 2014;72(2):140-5. doi: 10.5603/KP.a2013.0252. Epub 2013 Oct 21. PMID: 24142749.
- 134: Pyrtek LJ, Bartuś SA. An evaluation of antibiotics in biliary tract surgery. *Surg Gynecol Obstet.* 1967 Jul;125(1):101-5. PMID: 6026678.
- 135: Pawlik A, Januszek R, Dudek D, Bartuś S. A 48-years-old patient with non-ST-elevation myocardial infarction caused by a narrowing in the anomalous circumflex artery. *Pol Arch Intern Med.* 2019 Jun 28;129(6):424-425. doi: 10.20452/pamw.4491. Epub 2019 Mar 21. PMID: 30907865.
- 136: Kasprzycki K, Bartuś S, Januszek R. Effective use of the cutting balloon technique for treatment of intramural hematoma complicating a complex percutaneous intervention in a patient with multivessel disease and severely decreased left ventricular ejection fraction. *Kardiol Pol.* 2023;81(2):188-189. doi: 10.33963/KP.a2022.0271. Epub 2022 Nov 29. PMID: 36446074.
- 137: Terlecki M, Wojciechowska W, Dudek D, Siudak Z, Plens K, Guzik TJ, Droźdż T, Pełka J, Bartuś S, Wojakowski W, Grygier M, Rajzer M. Impact of acute total occlusion of the culprit artery on outcome in NSTEMI based on the results of a large national registry. *BMC Cardiovasc Discord.* 2021 Jun 14;21(1):297. doi: 10.1186/s12872-021-02099-y. PMID: 34126930; PMCID: PMC8204478.
- 138: Kubica J, Adamski P, Niezgoda P, Kubica A, Podhajski P, Barańska M, Umińska JM, Pietrzykowski Ł, Ostrowska M, Siller-Matula JM, Badarien J, Bartuś S, Budaj A, Dobrzycki S, Fidor Ł, Gaśior M, Gessek J, Gierlotka M, Gil R, Gorący J, Grzelakowski P, Hajdukiewicz T, Jaguszewski M, Janion M, Kasprzak J, Kern A, Klecha A, Kleinrok A, Kochman W, Krakowiak B, Legutko J, Lesiak M, Nosai M, Piotrowski G, Przybylski A, Roleder T, Skonieczny G, Sobieszek G, Tycińska A, Wojciechowski D, Wojakowski W, Wójcik J, Zielińska M, Żurakowski A, Specchia G, Gorog DA, Navarese EP. A new approach to ticagrelor-based de-escalation of antiplatelet therapy after acute coronary syndrome. A rationale for a randomized, double-blind, placebo-controlled, investigator-initiated, multicenter clinical study. *Cardiol J.* 2021;28(4):607-614. doi: 10.5603/CJ.a2021.0056. Epub 2021 Jun 7. PMID: 34096012; PMCID: PMC8277001.
- 139: Arif S, Bartuś S, Dziewierz A, Chyrchel M, Brzeziński M, Rakowski T, Bartuś K, Dudek D, Dubiel J. Impact of coronary artery disease presence on the long-term follow-up of carotid artery stenting. *Kardiol Pol.* 2015;73(4):274-9. doi: 10.5603/KP.a2014.0217. Epub 2014 Nov 5. PMID: 25371310.
- 140: Wojtasik-Bakalarz J, Kleczyński P, Zasada W, Rakowski T, Arif S, Bartuś K, Dudek D, Bartuś S. Safety of bivalirudin versus unfractionated heparin in endovascular revascularization of peripheral arteries in short- and long-term follow-up. *Postępy Kardiol Interwencyjnej.* 2019;15(1):91-97. doi: 10.5114/aic.2019.81757. Epub 2019 Jan 30. PMID: 31043990; PMCID: PMC6488834.
- 141: Zabojszcz M, Januszek R, Siudak Z, Janion-Sadowska A, Jędrychowska M, Pawlik A, Tokarek T, Staszczak B, Malinowski KP, Bartuś S, Dudek D. Association between the mortality rate and operator volume in patients undergoing emergency or elective percutaneous coronary interventions. *Kardiol Pol.* 2020 Feb 25;78(2):138-146. doi: 10.33963/KP.15123. Epub 2020 Jan 5. PMID: 31916542.
- 142: Zeymer U, Ludman P, Danchin N, Kala P, Laroche C, Sadeghi M, Caporale R, Shaheen SM, Legutko J, Iakobishvili Z, Alhabib BF, Motovska Z, Studencan M, Mimoso J, Becker D, Alexopoulos D, Kereseselidze Z, Stojkovic S, Zelvin P, Goda A, Mirrakhimov E, Bajraktari G, Al-Farhan H, Šerpytis P, Raungaard B, Marandi T, Moore AM, Quinn M, Karjalainen PP, Tatú-Chitolu G, Gale CP, Maggioni AP, Weidinger F; ACVC-EAPCI EORP ACS STEMI Investigators group of the ESC. Reperfusion therapies and in-hospital outcomes for ST-elevation myocardial infarction in Europe: the ACVC-EAPCI EORP STEMI Registry of the European Society of Cardiology. *Eur Heart J.* 2021 Nov 21;42(44):4536-4549. doi: 10.1093/eurheartj/ehab342. PMID: 34389857.
- 143: Swanson MA, Palmeri D, Vossler ED, Bartuś SA, Hull D, Schweizer RT. Noncompliance in organ transplant recipients. *Pharmacotherapy.* 1991;11(6):173S-174S. PMID: 1771143.
- 144: Januszek R, Siudak Z, Dziewierz A, Dudek D, Bartuś S. Predictors of in-hospital effectiveness and complications of rotational atherectomy (from the ORPKI Polish National Registry 2014-2016). *Catheter Cardiovasc Interv.* 2018 Oct 1;92(4):E278-E287. doi: 10.1002/ccd.27372. Epub 2017 Oct 25. PMID: 29068164.
- 145: Wańka W, Mielczarek M, Smolka G, Roleder T, Jaguszewski M, Ciećwierz D, Tomasiewicz B, Kubler P, Gorol J, Chmielecki M, Bartuś S, Navarese EP, Kasprzak M, Sukiennik A, Kubica J, Lekston A, Hawranek M, Reczuch K, Gruchala M, Ochala A, Wojakowski W. Safety and efficacy of self-apposing Stentys drug-eluting stent in left main coronary artery PCI: Multicentre LM-STENTYS registry. *Catheter Cardiovasc Interv.* 2019 Mar 1;93(4):574-582. doi: 10.1002/ccd.27876. Epub 2018 Oct 11. PMID: 30311397.
- 146: Arif S, Bartuś S, Rakowski T, Bobrowska B, Rutka J, Zabowka A, Tokarek T,

Dudek D, Dubiel J. Comparison of radiation dose exposure in patients undergoing percutaneous coronary intervention vs. peripheral intervention. Postepy Kardiol Interwencyjnej. 2014;10(4):308-13. doi: 10.5114/pwki.2014.46776. Epub 2014 Nov 17. PMID: 25489329; PMCID: PMC4252332.

147: Ochala A, Legutko J, Siudak Z, Parma R, Chmielak Z, Bartuś S, Dobrzycki S, Grygier M, Moszura T, Pawłowski T, Dudek D. Statistics regarding interventional cardiology in Poland in 2013. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK). Kardiol Pol. 2014;72(12):1402-7. doi: 10.5603/KP.2014.0235. PMID: 25524608.

148: Sabatowski K, Malinowski KP, Siudak Z, Reczuch K, Dobrzycki S, Lesiak M, Hawranek M, Gil RJ, Witkowski A, Wojakowski W, Lekston A, Gąsior M, Wańka W, Legutko J, Ekert M, Jędrychowska M, Chrychek M, Surdacki A, Bartuś S, Januszek R. Sex-related differences and rotational atherectomy: Analysis of 5 177 percutaneous coronary interventions based on a large national registry from 2014 to 2020. Kardiol Pol. 2021;79(12):1320-1327. doi: 10.33963/KP.a2021.0131. Epub 2021 Oct 13. PMID: 34643261.

149: Januszek R, Ruzsa Z, Nyerges A, Óriás V, Kleczyński P, Wojtasik-Bakalarz J, Pawlik A, Arif S, Dudek D, Bartuś S. Body mass index and long-term outcomes in patients with chronic total occlusions undergoing retrograde endovascular revascularization of the infra-inguinal lower limb arteries. Cardiol J. 2021;28(4):509-518. doi: 10.5603/CJ.a2019.0097. Epub 2019 Oct 23. PMID: 31642053; PMCID: PMC8277013.

150: Bartuś J, Januszek R, Hudziak D, Kołodziejczak M, Kuźma Ł, Tajstra M, Figatowski T, Pawłowski T, Gruż-Kwapisz M, Smolarek-Nicpon M, Skoczyńska A, Tomaszewicz B, Włodarczak A, Kulczyk J, Plens K, Jaguszewski M, Dobrzycki S, Ochala A, Gąsior M, Reczuch K, Bartuś S, Wojakowski W, Wańka W. Clinical Outcomes following Large Vessel Coronary Artery Perforation Treated with Covered Stent Implantation: Comparison between Polytetrafluoroethylene- and Polyurethane-Covered Stents (CRACK-II Registry). J Clin Med. 2021 Nov 21;10(22):5441. doi: 10.3390/jcm10225441. PMID: 34830722; PMCID: PMC8624773.

151: Chrychek M, Bartuś S, Dziewierz A, Legutko J, Kleczyński P, Januszek R, Gallina T, Chrychel B, Surdacki A, Rzeszutko Ł. Safety and Efficacy of Four Different Diagnostic Catheter Curves Dedicated to One-Catheter Technique of Transradial Coronaro-Angiography-Prospective, Randomized Pilot Study. TRACT 1: TransRADial CoronaryAngiography Trial 1. J Clin Med. 2021 Oct 14;10(20):4722. doi: 10.3390/jcm10204722. PMID: 34682845; PMCID: PMC8541157.

152: Sorysz D, Januszek R, Sowa-Staszcak A, Grochowska A, Opalińska M, Bagieński M, Zawiślak B, Dziewierz A, Tokarek T, Krawczyk-Ożóg A, Bartuś S, Dudek D. The Usefulness of [¹⁸F]-Fluorodeoxyglucose and [¹⁸F]-Sodium Fluoride Positron Emission Tomography Imaging in the Assessment of Early-Stage Aortic Valve Degeneration after Transcatheter Aortic Valve Implantation (TAVI)-Protocol Description and Preliminary Results. J Clin Med. 2021 Jan 22;10(3):431. doi: 10.3390/jcm10030431. PMID: 33499425; PMCID: PMC7866182.

153: Januszek R, Dziewierz A, Siudak Z, Rakowski T, Kameczura T, Tokarek T, Dudek D, Bartuś S. Concomitant multi-vessel disease is associated with a lower procedural death rate in patients treated with percutaneous coronary interventions within the left main coronary artery (from the ORPKI registry). Arch Med Sci. 2019 Jun 22;17(4):881-890. doi: 10.5114/aoms.2019.82666. PMID: 34336016; PMCID: PMC8314404.

154: Januszek RA, Bryniarski L, Siudak Z, Malinowski KP, Surowiec S, Bryniarski K, Jędrychowska M, Wańka W, Bartuś K, Wojakowski W, Wójcik J, Legutko J, Surdacki A, Bartuś S. Predictors and trends of contrast use and radiation exposure in a large cohort of patients treated with percutaneous coronary interventions: Chronic total occlusion analysis based on a national registry. Cardiol J. 2021 Oct 13. doi: 10.5603/CJ.a2021.0124. Epub ahead of print. PMID: 34642921.

155: Staszcak B, Siudak Z, Malinowski KP, Jędrychowska M, Zabojszcz M, Dolecka-Slusarczyk M, Janion-Sadowska A, Susuf M, Tokarek T, Bartuś J, Pawlik A, Socha S, Surdacki A, Bartuś S, Januszek R. Clinical outcomes in patients with acute myocardial infarction treated with primary percutaneous coronary intervention stratified according to duration of pain-to-balloon time and type of myocardial infarction. Cardiol J. 2021 Jul 12. doi: 10.5603/CJ.a2021.0074. Epub ahead of print. PMID: 34240403.

156: Toth G, Brodmann M, Barbato E, Mangiacapra F, Schneller L, Orias V, Gil R, Bil J, Bartus S, Ruzsa Z. Rational and design of the INTentional COronary revascularization versus conservative therapy in patients undergoing successful peripherAl arTERy revascularization due to critical limb ischemia trial (INCORPORATE trial). Am Heart J. 2019 Aug;214:107-112. doi: 10.1016/j.ahj.2019.05.005. Epub 2019 May 16. PMID: 31200280.

157: Rzeszutko Ł, Węgiel M, Kleczyński P, Zasada W, Depukat R, Rakowski T, Legutko J, Surdacki A, Dudek D, Bartuś S. Direct Absorb bioresorbable scaffold implantation in acute coronary syndrome. Kardiol Pol. 2018;76(10):1434-1440. doi: 10.5603/KP.a2018.0147. Epub 2018 Aug 1. PMID: 30067276.

158: Januszek R, Bujak K, Gąsior M, Legutko J, Bartuś S. Survival rate after acute myocardial infarction in patients treated with percutaneous coronary intervention within the left main coronary artery according to time of admission. Medicine (Baltimore). 2021 Jan 29;100(4):e24360. doi: 10.1097/MD.00000000000024360. PMID: 33503230; PMCID: PMC7850639.

159: Stanek A, Romuk E, Wielkoszyński T, Bartuś S, Cieślar G, Cholewka A. Decreased Lipid Profile and Oxidative Stress in Healthy Subjects Who Underwent Whole-Body Cryotherapy in Closed Cryochamber with Subsequent Kinesiotherapy. Oxid Med Cell Longev. 2019 Aug 14;2019:7524878. doi: 10.1155/2019/7524878. PMID: 31485298; PMCID: PMC6710768.

160: Tokarek T, Homaj M, Zabojszcz M, Dolecka-Ślusarczyk M, Szotek M, Sabatowski K, Loster B, Bartuś S, Siudak Z. Knowledge on the guideline-recommended use of

antiplatelet and anticoagulant therapy during dental extractions: a contemporary survey among Polish dentists. *Kardiol Pol.* 2020 Nov 25;78(11):1122-1128. doi: 10.33963/KP.15588. Epub 2020 Aug 26. PMID: 32847346.

161: Schweizer RT, Rovelli M, Palmeri D, Vossler E, Hull D, Bartus S. Noncompliance in organ transplant recipients. *Transplantation.* 1990 Feb;49(2):374-7. doi: 10.1097/00007890-199002000-00029. PMID: 2305467.

162: Januszek R, Pawlik A, Staszczak B, Jędrychowska M, Bartuś J, Legutko J, Dudek D, Surdacki A, Bartuś S. Age and gender differences in clinical outcomes of patients with heavy-calciﬁed coronary artery lesions treated percutaneously with rotational atherectomy. *Adv Clin Exp Med.* 2020 Feb;29(2):225-233. doi: 10.17219/acem/110314. PMID: 32073763.

163: Bartuś S, Kuźniewski M, Chmiel G, Dembińska-Kieć A, Sułowicz W. Zaburzenia gospodarki lipidowej w chorobach nerek--znaczenie radykalnej terapii hipolipemicznej (LDL-aferezy) [Lipid abnormalities in kidney diseases--significance of radical hypolipemic therapy (LDL-apheresis)]. *Przegl Lek.* 1999;56(5):377-80. Polish. PMID: 10554576.

164: Wańha W, Mielczarek M, Gilis-Malinowska N, Roleder T, Milewski M, Ładziński S, Ciećwierz D, Gaśior P, Pawłowski T, Januszek R, Kowalówka A, Kolodziejczak M, Bartuś S, Gruchala M, Smolka G, Navarese EP, Dudek D, Ochala A, Kedhi E, Jaguszewski M, Wojakowski W. Safety and Efficacy of Embolic Protection Devices in Saphenous Vein Graft Interventions: A Propensity Score Analysis-Multicenter SVG PCI PROTECTA Study. *J Clin Med.* 2020 Apr 22;9(4):1198. doi: 10.3390/jcm9041198. PMID: 32331299; PMCID: PMC7230434.

165: Siudak Z, Krawczyk-Ożóg A, Twarda I, Franczak I, Rajtar-Salwa R, Bartuś S, Godlewski J, Dudek D. "Heart without smoke" educational campaign - the role of patient education in secondary prevention of cardiovascular disease. *Kardiol Pol.* 2018;76(1):125-129. doi: 10.5603/KP.a2017.0167. Epub 2017 Aug 23. PMID: 28832093.

166: Bartuś S, Januszek R, Legutko J, Rzeszutko Ł, Dziewierz A, Dudek D. Long-term effects of rotational atherectomy in patients with heavy calcified coronary artery lesions: a single-centre experience. *Kardiol Pol.* 2017;75(6):564-572. doi: 10.5603/KP.a2017.0042. PMID: 28631258.

167: Januszek R, Siudak Z, Reczuch K, Dobrzański S, Lesiak M, Legutko J, Kleczyński P, Rzeszutko Ł, Dudek D, Bartuś S. Current trends and procedural outcomes in the era of rotational atherectomy expansion in Poland in the period 2014-2017 (based on the nationwide ORPKI registry). *Postepy Kardiol Interwencyjnej.* 2019;15(2):158-166. doi: 10.5114/aic.2019.81387. Epub 2019 Jan 18. PMID: 31497048; PMCID: PMC6727224.

168: Zdzierek B, Zasada W, Rakowski T, Krawczyk-Ożóg A, Bartuś S, Surdacki A, Dziewierz A. Influence of diabetes mellitus on the invasive assessment of myocardial ischemia in patients with coronary artery disease. *Pol Arch Intern Med.* 2023 May 22:16502. doi: 10.20452/pamw.16502. Epub ahead of print. PMID: 37227217.

169: Żurowska-Wolak M, Owsiak M, Bartuś S, Mikos M. The influence of pre-hospital medication administration in ST-elevation myocardial infarction patients on left ventricular ejection fraction and intra-hospital death. *Postepy Kardiol Interwencyjnej.* 2021 Mar;17(1):39-45. doi: 10.5114/aic.2021.104766. Epub 2021 Mar 27. PMID: 33868416; PMCID: PMC8039926.

170: Krawczyk-Ożóg A, Batko J, Koziej M, Tokarek T, Sorysz D, Siudak Z, Dudek D, Bartuś S, Surdacki A, Hołda MK. Computed tomography and transthoracic echocardiography for assessment of left ventricle geometry in patients with aortic valve stenosis. *Postepy Kardiol Interwencyjnej.* 2023 Mar;19(1):47-55. doi: 10.5114/aic.2023.124406. Epub 2023 Jan 23. PMID: 37090214; PMCID: PMC10114178.

171: Wojtasik-Bakalarz J, Ruzsa Z, Rakowski T, Nyerges A, Bartuś K, Stanek A, Dudek D, Surdacki A, Kleczyński P, Bartuś S. Impact of Coronary Artery Disease and Diabetes Mellitus on the Long-Term Follow-Up in Patients after Retrograde Recanalization of the Femoropopliteal Arterial Region. *J Diabetes Res.* 2019 Mar 31;2019:6036359. doi: 10.1155/2019/6036359. PMID: 31049356; PMCID: PMC6462337.

172: Januszek R, Siudak Z, Janion-Sadowska A, Jędrychowska M, Staszczak B, Bartuś J, Plens K, Bartuś S, Dudek D. Effect of day- and night-time admissions on long-term clinical outcomes of patients with acute myocardial infarction treated with percutaneous coronary intervention. *Pol Arch Intern Med.* 2020 Aug 27;130(7-8):570-581. doi: 10.20452/pamw.15398. Epub 2020 May 28. PMID: 32852908.

173: Grygier M, Sabiniewicz R, Smolka G, Demkow M, Araszkiewicz A, Sorysz D, Kusa J, Huczek Z, Komar M, Przewłocki T, Hawranek M, Wojakowski W, Białkowski J, Brzezińska-Rajsrys G, Bartuś S. Percutaneous closure of atrial septal defect: a consensus document of the joint group of experts from the Association of Cardiovascular Interventions and the Grown-Up Congenital Heart Disease Section of the Polish Cardiac Society. *Kardiol Pol.* 2020 Oct 23;78(10):1066-1083. doi: 10.33963/KP.15629. Epub 2020 Sep 30. PMID: 33016689.

174: Płońska-Gościñiak E, Suwalski P, Bartuś S, Kukulski T, Komar M, Wojakowski W, Grygier M, Pruszczyk P, Gaśior Z, Huczek Z, Berger-Kucza A, Bąk J, Sorysz D, Kasprzak JD. Management of valvular and structural heart diseases during the coronavirus disease 2019 pandemic: an expert opinion of the Working Group on Valvular Heart Diseases, the Working Group on Cardiac Surgery, and the Association of Cardiovascular Interventions of the Polish Cardiac Society. *Kardiol Pol.* 2020 May 25;78(5):498-507. doi: 10.33963/KP.15358. Epub 2020 May 15. PMID: 32415767.

175: Jędrychowska M, Januszek R, Plens K, Surdacki A, Bartuś S, Dudek D. Impact of sex on the follow-up course and predictors of clinical outcomes in patients hospitalised due to myocardial infarction with non-obstructive coronary arteries: a single-centre experience. *Kardiol Pol.* 2019;77(2):198-206. doi: 10.5603/KP.a2018.0245. Epub 2019 Jan 3. PMID: 30604859.

176: Dobrzański S, Reczuch K, Legutko J, Pawłowski T, Grygier M, Ochala A, Wójcik

- J, Buszman P, Dudek D, Gąsior M, Gil R, Lesiak M, Kukula K, Witkowski A, Zajdel W, Kralisz P, Wojakowski W, Bartuś S. Rotational atherectomy in everyday clinical practice. Association of Cardiovascular Interventions of the Polish Society of Cardiology (Asocjacja Interwencji Sercowo-Naczyniowych Polskiego Towarzystwa Kardiologicznego - AISN PTK): Expert opinion. Kardiol Pol. 2018;76(11):1576-1584. doi: 10.5603/KP.2018.0225. PMID: 30460675.
- 177: Januszek R, Bryniarski L, Siudak Z, Malinowski KP, Bryniarski KL, Surdacki A, Dziewierz A, Mika P, Wańska W, Wojakowski W, Wójcik J, Legutko J, Bartuś S. Five-year report from the Polish national registry on percutaneous coronary interventions with a focus on coronary artery perforations within chronic total occlusions. Postępy Kardiol Interwencyjnej. 2020 Dec;16(4):399-409. doi: 10.5114/aic.2020.101764. Epub 2020 Dec 29. PMID: 33598012; PMCID: PMC7863825.
- 178: Ruzsa Z, Januszek R, Óriás V, Chyrchel M, Wojtasik-Bakalarz J, Bartuś J, Arif S, Kleczyński P, Tokarek T, Nyerges A, Stanek A, Dudek D, Bartuś S. Mortality and chronic obstructive pulmonary disease in patients treated with endovascular revascularization of the infra-inguinal lower limb arteries from retrograde access. Ann Transl Med. 2020 Mar;8(5):206. doi: 10.21037/atm.2020.01.57. PMID: 32309353; PMCID: PMC7154487.
- 179: Jędrychowska M, Januszek R, Wańska W, Malinowski KP, Kunik P, Trznadel A, Bartuś J, Staszczak B, Januszek SM, Kameczura T, Wojakowski W, Surdacki A, Bartuś S. Long-Term Prognostic Significance of High-Sensitive Troponin I Increase during Hospital Stay in Patients with Acute Myocardial Infarction and Non-Obstructive Coronary Arteries. Medicina (Kaunas). 2020 Aug 27;56(9):432. doi: 10.3390/medicina56090432. PMID: 32867290; PMCID: PMC7557849.
- 180: Pawlik A, Januszek R, Ruzsa Z, Óriás V, Kleczyński P, Wojtasik-Bakalarz J, Arif S, Nyerges A, Chyrchel M, Stanek A, Dudek D, Bartuś S. Gender differences and long-term clinical outcomes in patients with chronic total occlusions of infrainguinal lower limb arteries treated from retrograde access with peripheral vascular interventions. Adv Med Sci. 2020 Mar;65(1):197-201. doi: 10.1016/j.advms.2020.01.004. Epub 2020 Jan 31. PMID: 32014808.
- 181: Januszek R, Staszczak B, Siudak Z, Bartuś J, Plens K, Bartuś S, Dudek D. The relationship between increased air pollution expressed as PM₁₀ concentration and the frequency of percutaneous coronary interventions in patients with acute coronary syndromes-a seasonal differences. Environ Sci Pollut Res Int. 2020 Jun;27(17):21320-21330. doi: 10.1007/s11356-020-08339-6. Epub 2020 Apr 8. PMID: 32266627; PMCID: PMC7245590.
- 182: Wańska W, Mielczarek M, Roleder T, Ładziński M, Milewski M, Gilis-Malinowska N, Chmielecki D, Ciećwierz D, Bachorski W, Kunik P, Trznadel A, Męcka K, Genc A, Januszek R, Paćzek P, Dziewierz A, Bartuś S, Gruchała M, Smołka G, Dudek D, Navarese EP, Ochala A, Jaguszewski M, Wojakowski W. New-generation drug eluting stent vs. bare metal stent in saphenous vein graft - 1 year outcomes by a propensity score ascertainment (SVG Baltic Registry). Int J Cardiol. 2019 Oct 1;292:56-61. doi: 10.1016/j.ijcard.2019.04.022. Epub 2019 Apr 11. PMID: 31003797.
- 183: Ostrowska M, Kasprzak M, Stolarek W, Grzelakowska K, Kryś J, Kubica A, Adamski P, Podhajski P, Navarese EP, Anielska-Michalak E, Matuszewska-Brycht O, Curzytek A, Dudek A, Gromadzinski L, Grzelakowska P, Kamiński L, Kleinrok A, Kostkiewicz M, Koziński M, Król P, Kulawik T, Minczew G, Mindykowski M, Pawlak A, Prokopcuk J, Skonieczny G, Sobkowicz B, Sowiński S, Stankala S, Szymbański P, Wester A, Wilczewski P, Bartuś S, Budaj A, Gajda R, Gąsior M, Gruchała M, Drożdż J, Jaguszewski M, Jankowski P, Legutko J, Lesiak M, Leszek P, Mitzkowski P, Nessler J, Tomaszuk-Kazberuk A, Tycińska A, Zdrojewski T, Kaźmierczak J, Kubica J. Comparison of reorganized versus unaltered cardiology departments during the COVID-19 era: A subanalysis of the COV-HF-SIRIO 6 study. Cardiol 2023;30(3):344-352. doi: 10.5603/CJ.a2023.0002. Epub 2023 Jan 18. PMID: 36651570; PMCID: PMC10287078.
- 184: Bartuś S, Kameczura T, Chyrchel M, Wizimirska M, Dudek D. Rescue removal of disrupted balloon catheter from right coronary artery and aortic arch. Kardiol Pol. 2013;71(7):772-4. doi: 10.5603/KP.2013.0171. PMID: 23907917.
- 185: Dziedzic T, Bartus S, Klimkowicz A, Motyl M, Slowik A, Szczudlik A. Intracerebral hemorrhage triggers interleukin-6 and interleukin-10 release in blood. Stroke. 2002 Sep;33(9):2334-5. doi: 10.1161/01.str.0000027211.73567.fa. PMID: 12215608.
- 186: Siudak Z, Mielecki W, Dziewierz A, Rakowski T, Legutko J, Bartuś S, Bryniarski KL, Partyka Ł, Dudek D. No long-term clinical benefit from manual aspiration thrombectomy in ST-elevation myocardial infarction patients. Data from NRDES registry. Catheter Cardiovasc Interv. 2015 Jan 1;85(1):E16-22. doi: 10.1002/ccd.25572. Epub 2014 Jun 18. PMID: 24909662.
- 187: Bartus K, Podolec J, Sadowski J, Litwinowicz R, Zajdel W, Bartus M, Konstanty-Kalandryk J, Dziewierz A, Trąbka R, Bartus S, Chrapusta A, Kapelak B. Blood pressure reduction in patients with accessory renal arteries and bilateral single renal arteries after catheter-based renal denervation: a prospective study with 3-year follow-up. Pol Arch Intern Med. 2017 Jun 30;127(6):423-428. doi: 10.20452/pamw.4006. Epub 2017 Apr 24. PMID: 28436415.
- 188: Rakowski T, Węgiel M, Malinowski KP, Siudak Z, Zasada W, Zdzierek B, Tokarek T, Rzeszutko Ł, Dudek D, Bartuś S, Surdacki A, Dziewierz A. Thrombus containing lesions strategies during primary percutaneous coronary interventions in ST-segment elevation myocardial infarction: insights from ORPKI National Registry. J Thromb Thrombolysis. 2023 Jul;56(1):156-163. doi: 10.1007/s11239-023-02811-z. Epub 2023 Apr 24. PMID: 37093352; PMCID: PMC10284931.
- 189: Januszek R, Siudak Z, Dziewierz A, Rakowski T, Dudek D, Bartuś S. Chronic obstructive pulmonary disease affects the angiographic presentation and outcomes of patients with coronary artery disease treated with percutaneous coronary interventions. Pol Arch Intern Med. 2018 Jan 31;128(1):24-34. doi: 10.20452/pamw.4145. Epub 2017 Nov 7. PMID: 29112944.

- 190: Januszek R, Jędrychowska M, Jankowski P, Dudek D, Bartuś S. Delayed Diagnosis of Non-ST Segment Elevation Myocardial Infarction in a Young Patient with Multivessel Disease and Familial Hypercholesterolemia Complicated by Cardiogenic Shock Finally Treated with Intra-Aortic Balloon Pump as a Bridge to Extra Corporeal Membrane Oxygenation. *Case Rep Cardiol.* 2019 Jan 17;2019:9470131. doi: 10.1155/2019/9470131. PMID: 30800482; PMCID: PMC6360038.
- 191: Ochała A, Siudak Z, Legutko J, Parma R, Chmielak Z, Bartuś S, Dobrzycki S, Grygier M, Moszura T, Pawłowski T, Dudek D. Interwencje przeszkode w kardiologii w Polsce w 2014 roku. Raport Zarządu Asocjacji Interwencji Sercowo-Naczyniowych Polskiego Towarzystwa Kardiologicznego (AISN PTK) [Percutaneous interventions in cardiology in Poland in 2014. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK)]. *Kardiol Pol.* 2015;73(8):672-5. Polish. doi: 10.5603/KP.2015.0156. PMID: 26304154.
- 192: Moszura T, Ochała A, Dudek D, Legutko J, Białkowski J, Szukutnik M, Parma R, Chmielak Z, Bartuś S, Grygier M, Pawłowski T, Dobrzycki S, Kalarus Z. Wymogi Asocjacji Interwencji Sercowo--Naczyniowych Polskiego Towarzystwa Kardiologicznego dla uzyskania tytułu samodzielnego operatora pediatrycznego kardiologii inwazyjnej i akredytacji pediatrycznego ośrodka kardiologii inwazyjnej w Polsce [Guidelines of the Association of Cardiovascular Interventions of the Polish Cardiac Society on certification of paediatric invasive cardiology operators and accreditation of paediatric invasive cardiology centres in Poland]. *Kardiol Pol.* 2015;73(4):304-7. Polish. doi: 10.5603/KP.2015.0064. PMID: 25892268.
- 193: Rocznik J, Koziolek W, Piechocki M, Tokarek T, Surdacki A, Bartuś S, Chyrchel M. Comparison of Access Site-Related Complications and Quality of Life in Patients after Invasive Cardiology Procedures According to the Use of Radial, Femoral, or Brachial Approach. *Int J Environ Res Public Health.* 2021 Jun 7;18(11):6151. doi: 10.3390/ijerph18116151. PMID: 34200250; PMCID: PMC8201254.
- 194: Konstanty-Kalandyk J, Bartuś K, Piątek J, Kędziora A, Darocha T, Bryniarski KL, Wróżek M, Ceronowicz P, Bartuś S, Bryniarski L, Kapelak B. Is right coronary artery chronic total vessel occlusion impacting the surgical revascularization results of patients with multivessel disease? A retrospective study. *PeerJ.* 2018 Jun 15;6:e4909. doi: 10.7717/peerj.4909. PMID: 29922510; PMCID: PMC6005161.
- 195: Januszek R, Siudak Z, Dziewierz A, Rakowski T, Legutko J, Dudek D, Bartuś S. Bailout rotational atherectomy in patients with myocardial infarction is not associated with an increased periprocedural complication rate or poorer angiographic outcomes in comparison to elective procedures (from the ORPKI Polish National Registry 2015-2016). Postępy Kardiol Interwencyjnej. 2018;14(2):135-143. doi: 10.5114/aic.2018.76404. Epub 2018 Jun 19. PMID: 30008765; PMCID: PMC6041846.
- 196: Dudek D, Zmudka K, Kaluza GL, Kuta M, Pieniazek P, Przewlocki T, Zorkun C, Legutko J, Gajos G, Bartuś S, Bryniarski L, Dziewierz A, Pasowicz M, Dubiel JS. Facilitated percutaneous coronary intervention in patients with acute myocardial infarction transferred from remote hospitals. *Am J Cardiol.* 2003 Jan 15;91(2):227-9. doi: 10.1016/s0002-9149(02)03112-0. PMID: 12521638.
- 197: Litwinowicz R, Bartuś K, Drwila R, Kapelak B, Konstanty-Kalandyk J, Sobczyński R, Wierzbicki K, Bartuś M, Chrapusta A, Timek T, Bartuś S, Oles K, Sadowski J. In-hospital mortality in cardiac surgery patients after readmission to the intensive care unit: a single-center experience with 10,992 patients. *J Cardiothorac Vasc Anesth.* 2015;29(3):570-5. doi: 10.1053/j.jvca.2015.01.029. Epub 2015 Jan 16. PMID: 26009285.
- 198: Ładziński S, Niedziela J, Witkowski A, Bartuś S, Lesiak M, Milewski K, Gierlotka M, Trzeciak P, Gaśior M, Wojakowski W. The influence of severe mitral regurgitation on major adverse cardiac and cerebrovascular events after myocardial infarction in 1-year follow-up: Data from PL-ACS registry. *Kardiol Pol.* 2023 Mar 16. doi: 10.33963/KP.a2023.0064. Epub ahead of print. PMID: 36929297.
- 199: Bartuś K, Sadowski J, Kapelak B, Zajdel W, Godlewski J, Bartuś S, Bochenek M, Bartuś M, Zmudka K, Sobotka PA. Denervation (ablation) of nerve terminalis in renal arteries: early results of interventional treatment of arterial hypertension in Poland. *Kardiol Pol.* 2013;71(2):152-8. doi: 10.5603/KP.2013.0008. PMID: 23575708.
- 200: Bartuś K, Han FT, Bednarek J, Myc J, Kapelak B, Sadowski J, Lelakowski J, Bartuś S, Yakubov SJ, Lee RJ. Percutaneous left atrial appendage suture ligation using the LARIAT device in patients with atrial fibrillation: initial clinical experience. *J Am Coll Cardiol.* 2013 Jul 9;62(2):108-118. doi: 10.1016/j.jacc.2012.06.046. Epub 2012 Oct 10. PMID: 23062528.
- 201: Ludman P, Zeymer U, Danchin N, Kala P, Laroche C, Sadeghi M, Caporale R, Shaheen SM, Legutko J, Iakobishvili Z, Alhabib KF, Motovska Z, Studencan M, Mimoso J, Becker D, Alexopoulos D, Kereszeslidze Z, Stojkovic S, Zelveyan P, Goda A, Mirrakhimov E, Bajraktari G, Farhan HA, Šerpytis P, Raungaard B, Marandi T, Moore AM, Quinn M, Karjalainen PP, Tatou-Chitour G, Gale CP, Maggioni AP, Weidinger F; ACVC-EAPCI EORP ACS STEMI Investigators group of the ESC. Care of patients with ST-elevation myocardial infarction: an international analysis of quality indicators in the acute coronary syndrome STEMI Registry of the EURObservational Research Programme and ACVC and EAPCI Associations of the European Society of Cardiology in 11 462 patients. *Eur Heart J Acute Cardiovasc Care.* 2023 Jan 27;12(1):22-37. doi: 10.1093/ehjacc/zuc143. PMID: 36346109.
- 202: Bartuś K, Kiser AC, Majewski J, Kapelak B, Konstanty-Kalandyk J, Lelakowski J, Bednarek J, Bartuś S, Wierzbicki K, Sobczyński R, Sadowski J. Thoracoscopic epicardial ablation of the left and right atrium. Beating heart procedure in patients with atrial fibrillation. *Pol Arch Med Wewn.* 2012;122(5):189-94. doi: 10.20452/pamw.1216. Epub 2012 Apr 11. PMID: 22495053.
- 203: Dudek D, Legutko J, Siudak Z, Ochała A, Wojakowski W, Peruga Z, Araszkiewicz A, Deptuch T, Szukutnik M, Lesiak M, Karcz M, Bartuś S, Maciejewski P. Kardiologia interwencyjna w Polsce w 2012 roku. Raport Zarządu Asocjacji

- Interwencji Sercowo-Naczyniowych Polskiego Towarzystwa Kardiologicznego [Interventional cardiology in Poland in the year 2012. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society]. Kardiol Pol. 2013;71(11):1213-9. Polish. doi: 10.5603/KP.2013.0313. PMID: 24297730.
- 204: Szczudlik A, Dziedzic T, Bartus S, Slowik A, Kieltyka A. Serum interleukin-6 predicts cortisol release in acute stroke patients. J Endocrinol Invest. 2004 Jan;27(1):37-41. doi: 10.1007/BF03350908. PMID: 15053241.
- 205: Kleczyński P, Bartuś S, Legutko J, Dziewierz A, Rakowski T, Dubiel JS, Dudek D. Use of aspiration thrombectomy in a 102-year-old patient with acute inferior ST-segment elevation myocardial infarction. Int J Cardiol. 2012 Oct 18;160(3):e46-7. doi: 10.1016/j.ijcard.2012.01.083. Epub 2012 Feb 26. PMID: 22370365.
- 206: Ochala A, Siudak Z, Legutko J, Parma R, Chmielak Z, Bartuś S, Dobrzycki S, Grygier M, Moszura T, Pawłowski T, Dudek D. Percutaneous interventions in cardiology in Poland in the year 2014. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society AISN PTK. Postepy Kardiol Interwencyjnej. 2015;11(3):177-81. doi: 10.5114/pwki.2015.54009. Epub 2015 Sep 28. PMID: 26677356; PMCID: PMC4631730.
- 207: Stone GW, Maehara A, Witzenbichler B, Godlewski J, Parise H, Dambrink JH, Ochala A, Carlton TW, Cristea E, Wolff SD, Brener SJ, Chowdhary S, El-Omar M, Neunteufel T, Metzger DC, Karwoski T, Dizon JM, Mehran R, Gibson CM; INFUSE-AMI Investigators. Intracoronary abciximab and aspiration thrombectomy in patients with large anterior myocardial infarction: the INFUSE-AMI randomized trial. JAMA. 2012 May 2;307(17):1817-26. doi: 10.1001/jama.2012.421. Epub 2012 Mar 25. PMID: 22447888.
- 208: Rakowski T, Dziewierz A, Wiśniewski A, Bartuś S, Dudek D. A 24-year-old male with acute coronary syndrome due to the circumflex coronary artery thrombosis. Diagnostic challenge in everyday practice. Int J Cardiol. 2015 Nov 1;198:131-3. doi: 10.1016/j.ijcard.2015.06.159. Epub 2015 Jul 2. PMID: 26163904.
- 209: Siudak Z, Dziewierz A, Rakowski T, Źmudka K, Legutko J, Bartuś S, Dragan J, Zasada W, Tokarek T, Kułaga T, Partyka Ł, Dudek D. Borderline trend towards long-term mortality benefit from drug eluting stents implantation in ST-elevation myocardial infarction patients in Poland-data from NRDES registry. Catheter Cardiovasc Interv. 2014 Feb 15;83(3):436-42. doi: 10.1002/ccd.25169. Epub 2013 Sep 23. PMID: 24038740.
- 210: Siudak Z, Zawislak B, Dziewierz A, Rakowski T, Jakala J, Bartuś S, Noworolnik B, Zasada W, Dubiel JS, Dudek D. Transradial approach in patients with ST-elevation myocardial infarction treated with abciximab results in fewer bleeding complications: data from EUROTRANSFER registry. Coron Artery Dis. 2010 Aug;21(5):292-7. doi: 10.1097/MCA.0b013e32833aa6d1. PMID: 20453640.
- 211: Guevara I, Iwanejko J, Dembińska-Kieć A, Pankiewicz J, Wanat A, Anna P, Golabek I, Bartuś S, Malczewska-Malec M, Szczudlik A. Determination of nitrite/nitrate in human biological material by the simple Griess reaction. Clin Chim Acta. 1998 Jun 22;274(2):177-88. doi: 10.1016/s0009-8981(98)00060-6. PMID: 9694586.
- 212: Dudek D, Dziewierz A, Siudak Z, Rakowski T, Zalewski J, Legutko J, Mielecki W, Janion M, Bartuś S, Kuta M, Rzeszutko L, De Luca G, Źmudka K, Dubiel JS. Transportation with very long transfer delays (>90 min) for facilitated PCI with reduced-dose fibrinolysis in patients with ST-segment elevation myocardial infarction: the Krakow Network. Int J Cardiol. 2010 Mar 18;139(3):218-27. doi: 10.1016/j.ijcard.2008.10.020. Epub 2008 Nov 25. PMID: 19036463.
- 213: Kukla P, Bryniarski L, Korpak-Wysocka R, Bartuś S, Giszterowicz D, Dobrowolski W, Dudek D. Zespół tako-tsubo-tajemnicza kardiomiopatia-wariant ostrego zespołu wieńcowego z przetrwałym uniesieniem odcinka ST [Transient left ventricular apical ballooning syndrome--a case report]. Kardiol Pol. 2007 Feb;65(2):166-9. Polish. PMID: 17366361.
- 214: Dudek D, Rakowski T, Bartuś S, Giszterowicz D, Dobrowolski W, Źmudka K, Zalewski J, Ochala A, Wieja P, Janus B, Dziewierz A, Legutko J, Bryniarski L, Dubiel JS. Impact of early abciximab administration on myocardial reperfusion in patients with ST-segment elevation myocardial infarction pretreated with 600 mg of clopidogrel before percutaneous coronary intervention. J Thromb Thrombolysis. 2010 Oct;30(3):347-53. doi: 10.1007/s11239-010-0461-9. PMID: 20373130.
- 215: Kwiecień-Sobstel A, Zabojszcz M, Owiak M, Bartuś S, Dudek D, Kawecka-Jaszcz K, Mirek-Bryniarska E, Bryniarski L. Chory z pozawałowym tętniakiem lewej komory ze skrzepiąłą - wieloletnia obserwacja [Patient with left ventricular aneurysm and thrombus after myocardial infarction - long-term observation]. Kardiol Pol. 2011;69(4):373-6. Polish. PMID: 21523674.
- 216: Siudak Z, Mrevlje B, Januś B, Dziewierz A, Rakowski T, Legutko J, Bartuś S, Dudek D. Complete infarct-related artery revascularization in acute myocardial infarction patients. CORAMI Registry. Postepy Kardiol Interwencyjnej. 2015;11(2):84-8. doi: 10.5114/pwki.2015.52279. Epub 2015 Jun 19. PMID: 26161098; PMCID: PMC4495122.
- 217: Pawlik A, Januszek R, Rajtar-Salwa R, Dudek D, Bartuś S. A 47-year-old woman with multifocal fibroelastoma and coronary artery disease. Kardiol Pol. 2019 Sep 23;77(9):888-889. doi: 10.33963/KP.14912. Epub 2019 Jul 29. PMID: 31354162.
- 218: Bartuś S, Dudek D, Sadowski J, Dubiel JS. Prewencja udarów mózgu--angioplastyka tetric sztywnych z implantacją stentu czy endarterektomia? [Stroke prevention: carotid stenting or carotid endarterectomy?]. Przegl Lek. 2003;60(8):523-6. Polish. PMID: 14974345.
- 219: Rakowski T, Zalewski J, Legutko J, Bartuś S, Rzeszutko L, Dziewierz A, Sorysz D, Bryniarski L, Źmudka K, Kaluza GL, Dubiel JS, Dudek D. Early abciximab administration before primary percutaneous coronary intervention improves infarct-related artery patency and left ventricular function in high-risk

- patients with anterior wall myocardial infarction: a randomized study. *Am Heart J.* 2007 Mar;153(3):360-5. doi: 10.1016/j.ahj.2006.12.007. PMID: 17307412.
- 220: Fischman MA, Hull D, Bartus SA, Schweizer RT. Valproate for epilepsy in renal transplant recipients receiving cyclosporine. *Transplantation.* 1989 Sep;48(3):542. doi: 10.1097/00007890-198909000-00046. PMID: 2506681.
- 221: Pasternak HS, Bullock AH, Bartus SA, Schweizer RT. Pelvic lymphocele complicating total hip replacement after renal transplantation. *J Bone Joint Surg Am.* 1977 Mar;59(2):272-3. PMID: 321459.
- 222: Schweizer RT, Bartus SA, Perkins HA, Belzer FO. Renal allograft failure and cold red blood cell autoagglutinins. *Transplantation.* 1982 Jan;33(1):77-9. doi: 10.1097/00007890-198201000-00015. PMID: 7039025.
- 223: Dudek D, Dziewierz A, Rzeszutko Ł, Legutko J, Dobrowski W, Rakowski T, Bartus S, Dragan J, Klecha A, Lansky AJ, Siudak Z, Zmudka K. Mesh covered stent in ST-segment elevation myocardial infarction. *EuroIntervention.* 2010 Nov;6(5):582-9. doi: 10.4244/EIJV6I5A98. PMID: 21044911.
- 224: Chyrchel M, Gallina T, Szafrański O, Rzeszutko Ł, Surdacki A, Bartuś S. Comparison of the Characteristics of Coronary Interventions Performed During Day and Night Shifts in Patients with Acute Myocardial Infarction. *Int J Environ Res Public Health.* 2020 Jul 26;17(15):5378. doi: 10.3390/ijerph17155378. PMID: 32722586; PMCID: PMC7432738.
- 225: Kleczyński P, Sorysz D, Zawiślak B, Arif S, Bartuś S, Legutko J, Dubiel J, Dudek D. Przezskórne zamknięcie uszka lewego przedsiornka systemem Watchman® u pacjenta z przerwiałym migotaniem przedsiornków [Percutaneous left atrial appendage closure with Watchman® LAA occluder device in a patient with persistent atrial fibrillation]. *Kardiol Pol.* 2012;70(9):965-7. Polish. PMID: 22993014.
- 226: Huczak Z, Protasiewicz M, Dąbrowski M, Parma R, Hudziak D, Olszówka P, Targoński R, Grodecki K, Frank M, Scisło P, Kralisz P, Trębacz J, Sacha J, Wilczek K, Walczak A, Smolka G, Kleczyński P, Milewski K, Hawranek M, Kochman J, Lesiak M, Dudek D, Witkowski A, Legutko J, Bartuś S, Wilimski R, Wojakowski W, Grygier M. Transcatheter aortic valve implantation for failed surgical and transcatheter prostheses. Expert Opinion of the Association of Percutaneous Cardiovascular Interventions of the Polish Cardiac Society. *Kardiol Pol.* 2023 Jun 15. doi: 10.33963/KP.a2023.0131. Epub ahead of print. PMID: 37319015.
- 227: Pyrtek LJ, Belkin M, Bartus S, Schweizer R. Parathyroid gland exploration with local anesthesia in elderly and high-risk patients. *Arch Surg.* 1988 May;123(5):614-7. doi: 10.1001/archsurg.1988.01400290100017. PMID: 3282493.
- 228: Dudek D, Rzeszutko Ł, Petkow Dimitrow P, Bartus S, Sorysz D, Chyrchel M, Rakowski T, Zdziennicka A, Guevara I, Dembinska-Kiec A, Dubiel JS. Circulating N-terminal brain natriuretic peptide precursor and endothelin levels in patients with syndrome X and left bundle branch block with preserved systolic function. *Int J Cardiol.* 2001 Jun;79(1):25-30. doi: 10.1016/s0167-5273(01)00400-4. PMID: 11399338.
- 229: Dudek D, Siudak Z, Legutko J, Araszkiewicz A, Bil J, Dąbrowski M, Hawranek M, Huczak Z, Kralisz P, Roleder T, Bartuś S, Wojakowski W. Percutaneous interventions in cardiology in Poland in the year 2017. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society AISN PTK and Jagiellonian University Medical College. *Postepy Kardiol Interwencyjnej.* 2018;14(4):422-424. doi: 10.5114/aic.2018.79100. Epub 2018 Oct 19. PMID: 30603032; PMCID: PMC6309848.
- 230: Krawczyk-Ożóg A, Rajtar-Salwa R, Gębka A, Bobrowska B, Bartuś S, Dudek D. Positron emission tomography for myocardial viability assessment before myocardial revascularization in a patient with extremely impaired left ventricular systolic function - advanced diagnosis and therapy in heart failure. *Postepy Kardiol Interwencyjnej.* 2017;13(2):173-175. doi: 10.5114/pwki.2017.68051. Epub 2017 May 30. PMID: 28798791; PMCID: PMC5545663.
- 231: Januszek R, Bartuś S, Dziewierz A, Dudek D. The successful retrieval of a broken guide wire from the diagonal branch of the left anterior descending coronary artery complicated by partial stent rolling. *Postepy Kardiol Interwencyjnej.* 2016;12(2):166-70. doi: 10.5114/aic.2016.59368. Epub 2016 May 11. PMID: 27279877; PMCID: PMC4882390.
- 232: Perdrizet GA, Rewinski MJ, Bartus SA, Hull D, Schweizer RT, Scharp DW. Albumin improves islet isolation: specific versus nonspecific effects. *Transplant Proc.* 1995 Dec;27(6):3400-2. PMID: 8540018.
- 233: Sutphin B, Schweizer RT, Bartus SA. Reversal of renal vasospasm by venous perfusion. *Transplant Proc.* 1981 Mar;13(1 Pt 2):702-6. PMID: 7022936.
- 234: Schweizer RT, Alsina AE, Rosson R, Bartus SA. Liver transplantation for metastatic neuroendocrine tumors. *Transplant Proc.* 1993 Apr;25(2):1973. PMID: 8385828.
- 235: Dudek D, Siudak Z, Dziewierz A, Rakowski T, Mielecki W, Brzeziński M, Zasada W, Bartuś S, Januś B, Dubiel JS. Local hospital networks for STEMI treatment for a population of half a million inhabitants increase the use of invasive treatment of acute coronary syndromes to the European recommended level. The Małopolska Registry of Acute Coronary Syndromes 2005-2006. *Kardiol Pol.* 2008 May;66(5):489-97, discussion 498-9. PMID: 18537056.
- 236: Bartuś K, Majewski J, Kapelak B, Lelakowski J, Bednarek J, Bartuś S, Oleś K, Sadowski J. Surgical ablation for atrial fibrillation using the Ex-Maze III procedure on the beating heart in patients undergoing mitral valve surgery. *Kardiol Pol.* 2011;69(12):1228-32. PMID: 22219094.
- 237: Bartuś S, Siudak Z, Brzeziński M, Dziewierz A, Chyrchel M, Rakowski T, Dubiel J, Dudek D. Percutaneous peripheral interventions in patients with multivessel coronary artery disease. *Kardiol Pol.* 2010 Oct;68(10):1115-21. PMID: 20967706.

- 238: Rovelli M, Palmeri D, Vossler E, Bartus S, Hull D, Schweizer R. Noncompliance in renal transplant recipients: evaluation by socioeconomic groups. *Transplant Proc.* 1989 Dec;21(6):3979-81. PMID: 2609425.
- 239: Schweizer RT, Bartus SA, Graydon RJ, Berlin BB. Pyelolithotomy of a renal transplant. *J Urol.* 1977 May;117(5):665-6. doi: 10.1016/s0022-5347(17)58578-x. PMID: 323516.
- 240: Schweizer RT, Sutphin BA, Bartus SA. In situ cadaver kidney perfusion: experimental and clinical studies. *Transplantation.* 1981 Dec;32(6):482-4. doi: 10.1097/00007890-198112000-00005. PMID: 7041347.
- 241: Dudek D, Legutko J, Siudak Z, Rakowski T, Dziewierz A, Bartuś S, Rzeszutko Ł, Grajek S, Witkowski A, Lesiak M, Dubiel JS, Zmudka K, Sadowski J, Kracik S, Mawlichanów K, Opolski G. Organizacja interwencyjnego leczenia pacjentów z zawałem serca STEMI i NSTEMI w Polsce [Invasive treatment strategies in patients with myocardial infarction in Poland]. *Kardiol Pol.* 2010 May;68(5):618-24; discussion 625. Polish. PMID: 20491040.
- 242: Zasada W, Bartuś S, Królikowski T, Dudek D. Patient with atrial fibrillation and myocardial infarction due to coronary artery embolism treated with thrombus aspiration. *Kardiol Pol.* 2013;71(1):99-101. PMID: 23348546.
- 243: Bartuś S, Siudak Z, Brzeziński M, Rakowski T, Dziewierz A, Chyrchel M, Jakała J, Dubiel J, Dudek D. Percutaneous peripheral interventions in patients with non-ST elevation acute coronary syndromes performed by interventional cardiologists: rationale and results. *Kardiol Pol.* 2008 Feb;66(2):135-41; discussion 142-3. PMID: 18344151.
- 244: Pawlik A, Litwinowicz R, Kowalewski M, Suwalski P, Deja M, Widenka K, Tobota Z, Maruszewski B, Rzeszutko Ł, Januszek R, Plens K, Legutko J, Bartuś S, Kapelak B, Bartuś K. The impact of gender on in-hospital mortality and long-term mortality in patients undergoing surgical aortic valve replacement: SAVR and SEX Study. *Kardiol Pol.* 2023 Jun 27. doi: 10.33963/KP.a2023.0138. Epub ahead of print. PMID: 37366256.
- 245: Gage TS, Sussman SK, Conard FU 3rd, Hull D, Bartus SA. Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. *AJR Am J Roentgenol.* 1990 Sep;155(3):529-30. doi: 10.2214/ajr.155.3.2143622. PMID: 2143622.
- 246: Welch JP, Schweizer RT, Bartus SA. Management of antacid impactions in hemodialysis and renal transplant patients. *Am J Surg.* 1980 Apr;139(4):561-8. doi: 10.1016/0002-9610(80)90338-4. PMID: 6989282.
- 247: Schweizer RT, Roper L, Hull D, Bartus SA. Low-dose triple immunosuppression for HLA identical sibling kidney transplants. *Transplant Proc.* 1992 Dec;24(6):2609. PMID: 1465882.
- 248: Dudek D, Rakowski T, Legutko J, Mielecki W, Dziewierz A, Bartuś S, Rzeszutko Ł, Sadowski J, Zmudka K, Dubiel JS. Efficacy and safety of percutaneous coronary interventions in patients with non ST segment elevation acute coronary syndrome in catheterisation laboratory without on-site surgical back-up. *Kardiol Pol.* 2003 May;58(5):356-65; discussion: 365. English, Polish. PMID: 14523483.
- 249: Rovelli M, Palmeri D, Vossler E, Bartus S, Hull D, Schweizer R. Noncompliance in organ transplant recipients. *Transplant Proc.* 1989 Feb;21(1 Pt 1):833-4. PMID: 2650282.
- 250: Schweizer RT, Bartus SA, Sutphin BA. Improved methods of in situ hypothermic perfusion of cadaver kidneys. *Transplant Proc.* 1977 Sep;9(3):1587-9. PMID: 331593.
- 251: Dudek D, Bartuś S, Rakowski T, Zmudka K, Dubiel JS. MO.MA -- a new cerebral stroke protection system during carotid artery stenting. *Kardiol Pol.* 2005 Jun;62(6):559-70. English, Polish. PMID: 16123854.
- 252: Chyrchel M, Dudek D, Bartuś S, Legutko J, Heba G, Dubiel JS. High-dose statin and COX-2 inhibitor therapy rapidly decreases C-reactive protein level in patients with unstable angina. *Kardiol Pol.* 2004 Sep;61(9):213-21; discussion 222-4. English, Polish. PMID: 15531933.
- 253: Dudek D, Mielecki W, Legutko J, Chyrchel M, Sorysz D, Bartuś S, Rzeszutko Ł, Dubiel JS. Percutaneous thrombectomy with the RESCUE system in acute myocardial infarction. *Kardiol Pol.* 2004 Dec;61(12):523-33. English, Polish. PMID: 15815753.
- 254: Bartus S, Sorysz D, Siudak Z, Dubiel JS, Dudek D. Spontaneous closure of aorta-to-right atrium fistula after septal occluder implantation. *J Cardiovasc Med (Hagerstown).* 2008 Jul;9(7):744-6. doi: 10.2459/JCM.0b013e3282f329e8. PMID: 18545080.
- 255: Dudek D, Heba G, Giszterowicz D, Rzeszutko Ł, Legutko J, Bartuś S, Chyrchel M, Dubiel JS. Stenting of unprotected left main coronary artery in patients with low preoperative risk of coronary artery bypass grafting. *Kardiol Pol.* 2006 Sep;64(9):929-36; discussion 937-8. English, Polish. PMID: 17054024.
- 256: Schweizer RT, Bartus SA. Letter: Propranolol blockade of stress reaction. *JAMA.* 1976 Sep 27;236(13):1450. PMID: 989104.
- 257: Bartuś S, Dudek D, Rakowski T, Biamino G, Szczudlik A, Słownik A, Kasprzyk K, Dubiel JS. Stentowanie tetric sztywnych z użyciem różnych systemów protekcji mózgu [Carotid artery stenting with different cerebral protection systems]. *Przegl Lek.* 2004;61(12):1305-9. Polish. PMID: 15850318.
- 258: Dudek D, Legutko J, Heba G, Bartus S, Partyka L, Huk I, Dembinska-Kiec A, Kaluza GL, Dubiel JS. L-arginine supplementation does not inhibit neointimal formation after coronary stenting in human beings: an intravascular ultrasound study. *Am Heart J.* 2004 Apr;147(4):E12. doi: 10.1016/j.ahj.2003.10.025. PMID: 15077095.

- 259: Dudek D, Heba G, Bartuś S, Partyka Ł, Dembińska-Kieć A, Huk J, Legutko J, Dubiel JS. Effects of L-arginine supplementation on endothelial function after stent implantation. *Kardiol Pol.* 2002 Nov;57(11):389-97; discussion 398. English, Polish. PMID: 12960999.
- 260: Dudek D, Zmudka K, Dubiel J, Tracz W; Krakowskiej Grupy Pierwotnej PCI. 24-godzinny dyżur kardiologii inwazyjnej w Polsce. Przeskórnne interwencje wieńcowe (PCI) w świeżym zawałem sercowego w trybie calodobowym. Doświadczenia Instytutu Kardiologii w Krakowie [24-hour invasive cardiology duty in Poland. Percutaneous coronary intervention (PCI) in fresh myocardial infarction as a 24 hour procedure. Experiences from the Institute of Cardiology in Krakow]. *Kardiol Pol.* 2003 Jun;58 Suppl 4:IV25-30. Polish. PMID: 20527115.
- 261: Dudek D, Kleczyński P, Sorysz D, Bartuś S, Dubiel JS. Przeskórnne zamknięcie przetrwałego otworu owalnego z długim kanałem przy zastosowaniu systemu Premere. Pierwsze doświadczenie w Polsce [Percutaneous PFO with long tunnel closure with Premere system. First Polish experience]. *Kardiol Pol.* 2011;69(2):206-9. Polish. PMID: 21332077.
- 262: Schweizer RT, Sutphin B, Bartus SA. Biliary reconstruction methods for liver transplantation. *Transplant Proc.* 1981 Mar;13(1 Pt 2):842-4. PMID: 6267755.
- 263: Schweizer RT, Bartus SA. Gastroduodenal ulceration in renal transplant patients. *Conn Med.* 1978 Feb;42(2):85-8. PMID: 343988.
- 264: Schweizer RT, Bourassa C, Hayden J, Moore R, Bartus SA. Beta 2 microglobulin after renal transplantation. *Proc Clin Dial Transplant Forum.* 1980;10:255-7. PMID: 6180430.
- 265: PYRTEK LJ, BARTUS SH. Clostridium welchii infection complicating biliary-tract surgery. *N Engl J Med.* 1962 Apr 5;266:689-93. doi: 10.1056/NEJM196204052661402. PMID: 14489338.
- 266: Dudek D, Zymek P, Bartuś S, Dubiel JS. Ocena bezpieczeństwa stosowania enoxaparyny podczas zabiegów przeskórnego reewaskularyzacji serca u pacjentów uprzednio otrzymujących tiklopidyne. Zastosowanie heparyny drobnocząsteczkowych w zapobieganiu zatorowości mikrokrzepienia wieńcowego [The assessment of safety of enoxaparin administration during percutaneous transluminal coronary angioplasty after ticlopidine pretreatment. Application of low molecular weight heparins in prevention of coronary micro-embolization]. *Przegl Lek.* 2001;58(6):484-6. Polish. PMID: 11816736.
- 267: Schweizer RT, Roper L, Hull D, Bartus SA. Low-dose OKT3 for cadaveric renal transplantation. *Transplant Proc.* 1992 Dec;24(6):2592-3. PMID: 1465875.
- 268: Swanson M, Schweizer RT, Roper L, Bartus S, Hull D. Kidney transplantation from asystolic cadaveric donors. *Transplant Proc.* 1997 Dec;29(8):3488. doi: 10.1016/s0041-1345(97)00990-1. PMID: 9414805.
- 269: Schweizer RT, Moore R, Bartus SA, Bow L, Hayden J. Beta 2-microglobulin monitoring after renal transplantation. *Transplant Proc.* 1981 Sep;13(3):1620-3. PMID: 6171078.
- 270: Legutko J, Siudak Z, Bartuś S, Dzwierz A, Janzon M, Birkemeyer R, Zmudka K, Dudek D. Similar outcome of ST-elevation myocardial infarction patients treated with primary percutaneous coronary intervention regardless of presence of cardiac surgery on-site. *Kardiol Pol.* 2014;72(10):949-53. doi: 10.5603/KP.a2014.0131. PMID: 25001370.
- 271: Dudek D, Bartuś S, Sorysz D, Słowiak A, Müller P, Szczudlik A, Andres J, Dubiel JS. Przeskórnne zamknięcie przetrwałego otworu owalnego w prewencji nawrotowych udarów mózgu-wyniki bezpośrednie i obserwacja roczna [Percutaneous closure of patent foramen ovale: prevention of recurrent strokes. Immediate results and one year follow-up]. *Przegl Lek.* 2003;60(8):516-8. Polish. PMID: 14974343.
- 272: Januszek R, Siudak Z, Malinowski KP, Wańska W, Surowiec S, Heba G, Pawlik A, Kameczura T, Wojakowski W, Jaguszewski M, Kołodziej A, Bryniarski L, Bartuś K, Surdacki A, Dobrzycki S, Legutko J, Bartuś S. Factors determining the frequency of optical coherence tomography and intravascular ultrasound use in patients treated with percutaneous coronary interventions in recent years: Analysis based on a large national registry. *Kardiol Pol.* 2023 Jul 4. Epub ahead of print. PMID: 37401576.
- 273: Dudek D, Bartuś S, Zmudka K, Kuta M, Legutko J, Wizimirska M, Pieniążek P, Przewłocki T, Gajos G, Bryniarski L, Dragan J, Pasowicz M, Zorkun C, Dubiel JS. Angiograficzna ocena reperfuzji miokardium u chorych ze świeżym zawałem serca leczonych kombinacją leków fibrinolitycznych oraz blokerów płytowego receptora IIb/IIIa [Assessment of myocardial reperfusion in patients with acute myocardial infarction treated with combination of fibrinolysis and IIb/IIIa platelet inhibitor]. *Przegl Lek.* 2002;59(1):1-6. Polish. PMID: 12108039.
- 274: Alsina AE, Hull D, Bartus SA, Schweizer RT. Liver transplantation for acute fulminant hepatic failure. *Conn Med.* 1992 May;56(5):235-9. PMID: 1611894.
- 275: Hull D, Bartus SA, Perdrizet G, Schweizer RT. Management of cholelithiasis in heart and kidney transplant patients: with review of laparoscopic cholecystectomy. *Conn Med.* 1994 Nov;58(11):643-7. PMID: 7813210.
- 276: Dudek D, Chyrchel M, Legutko J, Bartuś S, Rzeszutko L, Dubiel JS. Ocena skuteczności i bezpieczeństwa stosowania dalteparyny podczas przeskórnego zabiegów wieńcowych (PCI) u pacjentów uprzednio leczonych aspiryną oraz tiklopidyną [Safety and efficacy of dalteparin administration for elective percutaneous interventions in patients pre-treated with aspirin and ticlopidine]. *Przegl Lek.* 2004;61(12):1301-4. Polish. PMID: 15850317.
- 277: Legutko J, Dudek D, Chyrchel M, Rzeszutko L, Bartuś S, Heba G, Dubiel JS. Porównanie skuteczności farmakologicznej i mechanicznej stabilizacji granicznych związków tetric wewnętrznych u pacjentów z ostrym zespołem wieńcowym [Safety and effectiveness of pharmacologic versus mechanical stabilization of borderline

- coronary lesions in patients with acute coronary syndromes]. Przegl Lek. 2005;62(1):1-7. Polish. PMID: 16053211.
- 278: Schweizer RT, Bartus SA, Hull D, Perdrizet GA, Swanson M, Low HB, Gallagher R, Dougherty J, Rosson R, Hyams J, D'Avella J, Rasoulpour M, Sullivan P, Bow L. Organ transplantation at the Hartford Transplant Center. Conn Med. 1996 Jul;60(7):387-93. PMID: 8758656.
- 279: Bergmann L, Roper L, Bow LM, Hull D, Bartus SA, Schweizer RT. Late graft loss in cadaveric renal transplantation. Transplant Proc. 1992 Dec;24(6):2718-9. PMID: 1465913.
- 280: Bartuś K, Bednarek J, Majewski J, Kapelak B, Lelakowski J, Bartuś S, Oleś K, Sadowski J. Hybrydowa ablacja lewego przedsięwnika na bijącym sercu - pierwsze doświadczenia [Hybrid ablation of the left atrium on beating-heart - initial experience]. Kardiol Pol. 2011;69(5):513-5; discussion 516. Polish. PMID: 21594851.
- 281: Chyrchel M, Dudek D, Heba G, Bartuś S, Rzeszutko Ł, Legutko J, Dubiel JS. Wpływ brachyterapii wewnątrzwierńcowej na długoterminowa skuteczność zabiegu udrożnienia przewlekle zamkniętego pomostu aortalno-wierńcowego [The effects of intracoronary brachytherapy on long-term patency of previously chronically occluded bypass graft--a case report]. Kardiol Pol. 2004 Nov;61(11):475-9. Polish. PMID: 15883597.
- 282: Bartuś S, Dudek D, Legutko J, Turek P, Rzeszutko K, Dziewierz A, Dubiel JS. Rezerwa wierńcowa w ostrym okresie zawału serca u chorej leczonej pierwotna angioplastyka wierńcowa. Opis przypadku [Coronary flow reserve in acute myocardial infarction in a patient treated with primary venous angioplasty. Case report]. Kardiol Pol. 2003 May;58(5):385-9. Polish. PMID: 14523487.
- 283: Bartuś K, Sadowski J, Kapelak B, Wierzbicki K, Bartuś S, Myć J, Oleś K, Konstanty-Kalandyk J, Filip G. Ocena powikłań po wszczepieniu bezstentowej, biologicznej zastawki aortalnej wykonanej z osierdzią końskiego [Clinical evaluation of complications after implantation of stentless biological equine pericardial bioprosthesis]. Przegl Lek. 2012;69(6):233-6. Polish. PMID: 23094434.
- 284: Swanson M, Hull D, Bartus S, Schweizer R. Economic impact of noncompliance in kidney transplant recipients. Transplant Proc. 1992 Dec;24(6):2722. PMID: 1465915.
- 285: Schweizer RT, Roper L, Hull D, Bartus S. Measures to improve early results in kidney transplantation. Transplant Proc. 1992 Dec;24(6):2729-30. PMID: 1465919.
- 286: Dougherty JE, Nino AF, Rossi MA, Low HB, Schweizer RT, Bartus SA, Takata H, Drezner AD, Gallagher JJ. Cardiac transplantation: first year experience at Hartford Hospital. Conn Med. 1986 Jul;50(7):429-33. PMID: 3527553.
- 287: Schweizer RT, Sutphin BA, Bartus SA. Fibrin formation in plasma perfusates during kidney preservation. J Surg Res. 1978 Jan;24(1):57-61. doi: 10.1016/0022-4804(78)90023-9. PMID: 340788.
- 288: Schweizer RT, Bartus SA, Silver H, McLean RH. Kidney transplantation using donor-specific blood transfusions despite Rh incompatibility. Transplantation. 1981 Oct;32(4):345-7. doi: 10.1097/00007890-198110000-00020. PMID: 6800079.
- 289: Bry J, Hull D, Bartus SA, Schweizer RT. Treatment of recurrent lymphoceles following renal transplantation. Remarsupialization with omentoplasty. Transplantation. 1990 Feb;49(2):477-80. PMID: 2407008.
- 290: Bartuś K, Sadowski J, Kapelak B, Wierzbicki K, Myć J, Bartuś S, Oleś K, Konstanty-Kalandyk J, Filip G. Prospektywna ocena zmiany wydolności serca u pacjentów z wszczepioną bezstentową, biologiczną zastawką aortalną wykonaną z osierdzią końskiego [Prospective assessment of circulatory sufficiency of the patients after 3F equine pericardial stentless bioprosthetic replacement]. Przegl Lek. 2012;69(6):229-32. Polish. PMID: 23094433.
- 291: Schweizer RT, Bartus SA, Robbins KC, Izard M, Foster JH. Renal transplantation as definitive therapy for endstage renal disease. Conn Med. 1976 Feb;40(2):83-6. PMID: 1106948.
- 292: Bergmann LS, Roper L, Bow LM, Hull D, Bartus SA, Schweizer RT. Causes of late graft failure in cadaveric renal transplantation. Transplant Proc. 1993 Feb;25(1 Pt 2):1340-1. PMID: 8442136.
- 293: PYRTEK LJ, BARTUS SA. EXCISION OF PILONIDAL CYST WITH SIMPLIFIED PARTIAL WOUND CLOSURE. Surg Gynecol Obstet. 1964 Mar;118:605-8. PMID: 14130923.
- 294: Schweizer R, Bow L, Generas D, Bartus S. Serologic considerations in donor-specific transfusion therapy for kidney transplantation. Transplant Proc. 1982 Jun;14(2):374-7. PMID: 6810522.
- 295: PYRTEK LJ, BARTUS SH. Critical evaluation of routine and selective operating room cholangiography. Am J Surg. 1962 Jun;103:761-8. doi: 10.1016/0002-9610(62)90263-5. PMID: 14489339.
- 296: Bow L, Roper L, Bartus S, Hull D, Schweizer RT. Transplantation of cadaver kidneys from pediatric and older donors. Transplant Proc. 1989 Feb;21(1 Pt 2):1938-9. PMID: 2652632.
- 297: Hoagolian S, Sutphin BA, Pfau PF, Russell JC, Bartus SA, Schweizer RT. Experimental segmental pancreatic allotransplantation: efficacy of aprotinin in organ preservation. Conn Med. 1986 Nov;50(11):725-8. PMID: 2431833.
- 298: Dembinska-Kiec A, Dulak J, Partyka L, Krzesz R, Dudek D, Bartus S, Polus M, Guevara I, Wybranska I, Krzeminski T. Induction of nitric oxide synthase (NOS) and vascular endothelial growth factor (VEGF) in experimental model of angioplasty and heart ischemia. Adv Exp Med Biol. 1997;433:163-7. doi: 10.1007/978-1-4899-1810-9_33. PMID: 9561126.
- 299: Schweizer RT, Roper L, Hull D, Bartus S. Serum beta 2 microglobulin

monitoring in cadaver kidney transplant recipients with oliguric renal failure. Transplant Proc. 1989 Feb;21(1 Pt 2):1867-8. PMID: 2652607.

300: Schweizer RT, Bow L, Roper L, Hull D, Bartus SA. Renal transplantation at Hartford Hospital: results of combined and flexible immunosuppression. Clin Transpl. 1988;147-58. PMID: 3154467.

301: Rovelli MA, Bartus SA, Schweizer RT. Are early referrals of potential organ donors good or bad? Transplant Proc. 1990 Apr;22(2):311-2. PMID: 2326895.

302: Schweizer RT, Bartus SA, Foster JH. Decreased function of a renal transplant after influenza virus infection. Am J Surg. 1975 Jun;129(6):696-7. doi: 10.1016/0002-9610(75)90349-9. PMID: 1093424.

303: Schweizer RT, Bartus SA, Rovelli MA, Bow LM. Use of two donor-specific transfusions for living-related donor kidney transplantation. Transplantation. 1986 Nov;42(5):562-4. PMID: 3538543.

304: Schweizer RT, Olson EC, Hosey DA, Bartus SA. Prediction of kidney transplant survival by the direct macrophage-inhibition test. Transplant Proc. 1979 Mar;11(1):411-4. PMID: 156427.

305: Schweizer RT, Bartus SA, Foster JH. Treatment of pelvic lymphoceles after renal transplantation by intraperitoneal marsupialization. Am Surg. 1976 May;42(5):316-8. PMID: 773233.

306: Dziewierz A, Dudek D, Bartuś S, Legutko J, Dubiel JS. Dowieńcze zastosowanie kombinowanej terapii trombolytycznej w świeżym zawałe serca z dramatycznymi zmianami w koronarografi [Intracoronary administration of the combined fibrinolytic therapy a in patient with acute myocardial infarction and end-stage coronary heart disease - a case report]. Kardiol Pol. 2003 Jan;58(1):45-8. Polish. PMID: 14502303.

307: Schweizer RT, Bartuś S, Hull D, Perdrizet G, Roper L. Combined high and low dosing of OKT3 for treatment of rejection episodes in renal transplants. Transplant Proc. 1994 Dec;26(6):3141. PMID: 7998094.

308: Schweizer RT, Rovelli M, Roper L, Bartus SA. A flexible immunosuppression protocol for organ transplantation using cyclosporine, azathioprine, and prednisone. Transplant Proc. 1987 Feb;19(1 Pt 3):1944-6. PMID: 3079062.

309: Dudek D, Bartuś S, Zmudka K, Legutko J, Turek P, Rzeszutko Ł, Chyrchel M, Dubiel JS. Bezpieczeństwo i efektywność filtra wieńcowego ANGIOGUARD w prewencji mikroembolizacji podczas angioplastyki wieńcowej u chorych z niestabilną dusznicą bolesną [Safety and efficacy of ANGIOGUARD protection device for the prevention of distal embolization during PCI in patients with unstable angina]. Przegl Lek. 2003;60(8):499-503. Polish. PMID: 14974339.

310: Dudek D, Rakowski T, Zmudka K, Legutko J, Mielecki W, Bartuś S, Turek P, Rzeszutko Ł, Heba G, Chyrchel M, Dziewierz A, Bryniarski L, Dragan J, Królikowski T, Klecha A, Jankowski P. Pierwotna angioplastyka wieńcowa w świeżym zawałe serca. Doświadczenia pracowni odległej od ośrodka kardiochirurgicznego [Primary percutaneous coronary interventions in acute myocardial infarction with ST-segment elevation. Experience in a heart catheterization unit without surgical backup]. Przegl Lek. 2004;61(1):1-4. Polish. PMID: 15230096.

311: Sorysz D, Dudek D, Legutko J, Bartuś S, Dubiel JS. Wpływ przeszkoowej angioplastyki wieńcowej na funkcje aparatu mitralnego u pacjentów z niestabilną chorobą niedokrwienią serca [The influence of percutaneous coronary intervention on mitral apparatus function in unstable coronary heart disease]. Kardiol Pol. 2004 Sep;61 Suppl 2:II34-40. Polish. PMID: 20527416.

312: Heba G, Dudek D, Giszterowicz D, Depukat R, Legutko J, Rzeszutko Ł, Bartuś S, Chyrchel M, Wizimirska M, Dubiel JS. Odległe wyniki leczenia po zabiegach brachyterapii wewnętrznieowej z powodu rozlanej restenozy w stencie [Long term follow-up after intracoronary brachytherapy due to in stent restenosis]. Kardiol Pol. 2004 Sep;61 Suppl 2:II41-7. Polish. PMID: 20527417.

Projects

Professional experience:

- Interventional cardiology with over 200-400 therapeutic procedures performed per year:

cardiac: coronary angioplasty & stenting, LMCA stenting, OCT, ICUS, FFR, CFR, thrombectomy, PFO closure, ASD closure etc.

carotid: carotid stenting with all types of brain protection

peripheral: stenting of a. subclavia, t. coeliacus, renal a., iliac aa., femoral aa., BTK aa.

- Underwent training in LDL-apheresis procedures (Dept of Nephrology College of Medicine, Jagiellonian University, Krakow, Poland).

-Underwent training in molecular biology (isolation of mRNA,

DNA, PCR).

Teaching experience:

- since 1996-2000 instructor in Clinical Biochemistry for Polish students
- since 1997-2002 instructor in Physical Diagnosis and Medicine in the Jagiellonian University School of Medicine in English
- since 2000-now instructor in II Dept of Cardiology for Polish students

Scientific activities:

- voluntary scientific collaborator, research student, at 1st Dept. of Surgery Collegium Medicum, Jagiellonian University, Kraków 1992-1994
 - studies on epidemiology stomach cancer.
- 1995-1996 voluntary scientific collaborator, research student, at 1st Dept. of Gynecology and Oncology College of Medicine, Jagiellonian University, Krakow, Poland.
 - biodynamics of urinary bladder
- 1996 – 2001: research fellow at the Dept. of Clinical Biochemistry College of Medicine, Jagiellonian University, Krakow, Poland.
- 2001-2010: Myocardial infarction treatment, peripheral interventional treatments
- 2010-2020: Coronary interventions- LMCA stenting, coronary atherectomy, IVUS, FFR
- 2020-present: OCT, high risk PCI, LVAD, end-stage heart failure

Memberships

Polish Society of Cardiology (president of working group for Interventional Cardiology 2019-2021, Board member 2015-Present)

European Society of Cardiology

Other Relevant Information