

Supplementary material

Cardiologists and cardiac surgeons forming the STICH trial team in Poland. Professor Robert H Jones (1940–2022). Kardiol Pol. 2022.

Please note that the journal is not responsible for the scientific accuracy or functionality of any supplementary material submitted by the authors. Any queries (except missing content) should be directed to the corresponding author of the article.

The list of the STICH trial publications coauthored by Polish authors

2020

- Incremental prognostic value of echocardiography of left ventricular remodeling and diastolic function in STICH trial.

Kim KH, She L, Lee KL, **Dabrowski R**, Grayburn PA, Rajda M, Prior DL, Desvigne-Nickens P, Zoghbi WA, Senni M, Stefanelli G, Beghi C, Huynh T, Velazquez EJ, Oh JK, Lin G.

Cardiovasc Ultrasound. 2020 May 28;18(1):17. doi: 10.1186/s12947-020-00195-1.

2019

- CABG Improves Outcomes in Patients With Ischemic Cardiomyopathy: 10-Year Follow-Up of the STICH Trial.

Howlett JG, Stebbins A, Petrie MC, Jhund PS, Castelvecchio S, Cherniavsky A, Sueta CA, Roy A, Piña IL, Wurm R, Drazner MH, Andersson B, Battle C, Senni M, **Chrzanowski L**, Merkely B, Carson P, Desvigne-Nickens PM, Lee KL, Velazquez EJ, Al-Khalidi HR; STICH Trial Investigators.

JACC Heart Fail. 2019 Oct;7(10):878-887. doi: 10.1016/j.jchf.2019.04.018. Epub 2019 Sep 11.

- Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy.

Panza JA, Ellis AM, Al-Khalidi HR, Holly TA, Berman DS, Oh JK, Pohost GM, Sopko G, **Chrzanowski L**, Mark DB, **Kukulski T**, Favaloro LE, Maurer G, Farsky PS, Tan RS,

Asch FM, Velazquez EJ, Rouleau JL, Lee KL, Bonow RO.

N Engl J Med. 2019 Aug 22;381(8):739-748. doi: 10.1056/NEJMoa1807365.

- Differential Impact of Mitral Valve Repair on Outcome of Coronary Artery Bypass Grafting With or Without Surgical Ventricular Reconstruction in the Surgical Treatment for Ischemic Heart Failure (STICH) Trial.

Tsang MYC, She L, Miller FA, Choi JO, Michler RE, Grayburn PA, Bonow RO, Menicanti L, **Deja MA**, Castelvechio S, Rao V, Smith PK, **Kukulski T**, Sopko G, Prior DL, Velazquez EJ, Lee KL, Oh JK.

Struct Heart. 2019;3(4):302-308. doi: 10.1080/24748706.2019.1610201. Epub 2019 May 23

- Burden of medical co-morbidities and benefit from surgical revascularization in patients with ischaemic cardiomyopathy.

Ambrosy AP, Stevens SR, Al-Khalidi HR, Rouleau JL, Bouabdallaoui N, Carson PE, Adlbrecht C, Cleland JGF, **Dabrowski R**, **Golba KS**, Pina IL, Sueta CA, Roy A, Sopko G, Bonow RO, Velazquez EJ; STICH Trial Investigators.

Eur J Heart Fail. 2019 Mar;21(3):373-381. doi: 10.1002/ejhf.1404. Epub 2019 Jan 30.

2018

- Society of Thoracic Surgeons Risk Score and EuroSCORE-2 Appropriately Assess 30-Day Postoperative Mortality in the STICH Trial and a Contemporary Cohort of Patients With Left Ventricular Dysfunction Undergoing Surgical Revascularization. Bouabdallaoui N, Stevens SR, Doenst T, Petrie MC, Al-Attar N, Ali IS, Ambrosy AP, Barton AK, Cartier R, Cherniavsky A, Demondion P, Desvigne-Nickens P, Favaloro RR, Gradinac S, Heinisch P, Jain A, **Jasinski M**, Jouan J, Kalil RAK, Menicanti L, Michler RE, Rao V, Smith PK, **Zembala M**, Velazquez EJ, Al-Khalidi HR, Rouleau JL; STICH Trial Investigators.

Circ Heart Fail. 2018 Nov;11(11):e005531. doi: 10.1161/CIRCHEARTFAILURE.118.005531

- The association between blood pressure and long-term outcomes of patients with ischaemic cardiomyopathy with and without surgical revascularization: an analysis of the STICH trial.

Andersson B, She L, Tan RS, Jeemon P, **Mokrzycki K**, Siepe M, Romanov A, Favaloro LE, Djokovic LT, Raju PK, **Betlejewski P**, Racine N, **Ostrzycki A**, Nawarawong W,

Das S, Rouleau JL, Sopko G, Lee KL, Velazquez EJ, Panza JA.

Eur Heart J. 2018 Oct 1;39(37):3464-3471. doi: 10.1093/eurheartj/ehy438.

- Sex Difference in Patients With Ischemic Heart Failure Undergoing Surgical Revascularization: Results From the STICH Trial (Surgical Treatment for Ischemic Heart Failure).

Piña IL, Zheng Q, She L, Szwed H, Lang IM, Farsky PS, Castelvechio S, Biernat J, Paraforos A, Kosevic D, Favaloro LE, Nicolau JC, Varadarajan P, Velazquez EJ, Pai RG, Cyrille N, Lee KL, Desvigne-Nickens P; STICH Trial Investigators.

Circulation. 2018 Feb 20;137(8):771-780. doi: 10.1161/CIRCULATIONAHA.117.030526.

- Impact of Intubation Time on Survival following Coronary Artery Bypass Grafting: Insights from the Surgical Treatment for Ischemic Heart Failure (STICH) Trial.

Bouabdallaoui N, Stevens SR, Doenst T, Wrobel K, Bouchard D, Deja MA, Michler RE, Chua YL, Kalil RAK, Selzman CH, Daly RC, Sun B, Djokovic LT, Sopko G, Velazquez EJ, Rouleau JL, Lee KL, Al-Khalidi HR; STICH Trial Investigators.

J Cardiothorac Vasc Anesth. 2018 Jun;32(3):1256-1263. doi: 10.1053/j.jvca.2017.12.038. Epub 2017 Dec 23

- Variability in Ejection Fraction Measured By Echocardiography, Gated Single-Photon Emission Computed Tomography, and Cardiac Magnetic Resonance in Patients With Coronary Artery Disease and Left Ventricular Dysfunction.

Pellikka PA, She L, Holly TA, Lin G, Varadarajan P, Pai RG, Bonow RO, Pohost GM, Panza JA, Berman DS, Prior DL, Asch FM, Borges-Neto S, Grayburn P, Al-Khalidi HR, Miszalski-Jamka K, Desvigne-Nickens P, Lee KL, Velazquez EJ, Oh JK.

JAMA Netw Open. 2018 Aug 3;1(4):e181456. doi: 10.1001/jamanetworkopen.2018.1456.

2017

- Regional left ventricular function does not predict survival in ischaemic cardiomyopathy after cardiac surgery.

Prior DL, Stevens SR, Holly TA, Krejca M, Paraforos A, Pohost GM, Byrd K, Kukulski T, Jones RH, Desvigne-Nickens P, Varadarajan P, Amanullah A, Lin G, Al-Khalidi HR, Aldea G, Santambrogio C, Bochenek A, Berman DS; STICH Trial Investigators.

Heart. 2017 Sep;103(17):1359-1367. doi: 10.1136/heartjnl-2016-310693. Epub 2017 Apr 26.

2016

- Ten-Year Outcomes After Coronary Artery Bypass Grafting According to Age in Patients With Heart Failure and Left Ventricular Systolic Dysfunction: An Analysis of the Extended Follow-Up of the STICH Trial (Surgical Treatment for Ischemic Heart Failure).

Petrie MC, Jhund PS, She L, Adlbrecht C, Doenst T, Panza JA, Hill JA, Lee KL, Rouleau JL, Prior DL, Ali IS, Maddury J, Golba KS, White HD, Carson P, Chrzanowski L, Romanov A, Miller AB, Velazquez EJ; STICH Trial Investigators
Circulation. 2016 Nov 1;134(18):1314-1324. doi: 10.1161/CIRCULATIONAHA.116.024800. Epub 2016 Aug 29.

2015

- Clinical characteristics and outcomes of patients with and without diabetes in the Surgical Treatment for Ischemic Heart Failure (STICH) trial.

MacDonald MR, She L, Doenst T, Binkley PF, Rouleau JL, Tan RS, Lee KL, Miller AB, Sopko G, Szalewska D, Waclawiw MA, Dabrowski R, Castelvechio S, Adlbrecht C, Michler RE, Oh JK, Velazquez EJ, Petrie MC.

Eur J Heart Fail. 2015 Jul;17(7):725-34. doi: 10.1002/ejhf.288. Epub 2015 May 26

- Impact of surgical ventricular reconstruction on sphericity index in patients with ischaemic cardiomyopathy: follow-up from the STICH trial.

Choi JO, Daly RC, Lin G, Lahr BD, Wiste HJ, Beaver TM, Iacovoni A, Malinowski M, Friedrich I, Rouleau JL, Favaloro RR, Sopko G, Lang IM, White HD, Milano CA, Jones RH, Lee KL, Velazquez EJ, Oh JK.

Eur J Heart Fail. 2015 Apr;17(4):453-63. doi: 10.1002/ejhf.256. Epub 2015 Mar 16.

- Genetic variants are not associated with outcome in patients with coronary artery disease and left ventricular dysfunction: results of the Genetic Substudy of the Surgical Treatment for Ischemic Heart Failure (STICH) trials.

Feldman AM, She L, McNamara DM, Mann DL, Bristow MR, Maisel AS, Wagner DR, Andersson B, Chiariello L, Hayward CS, Hendry P, Parker JD, Racine N, Selzman CH, Senni M, Stepinska J, Zembala M, Rouleau J, Velazquez EJ, Lee KL.
Cardiology. 2015;130(2):69-81. doi: 10.1159/000368221. Epub 2015 Jan 13.

- Importance of angina in patients with coronary disease, heart failure, and left ventricular systolic dysfunction: insights from STICH.

Jolicœur EM, Dunning A, Castelvechchio S, **Dabrowski R**, Waclawiw MA, Petrie MC, Stewart R, Jhund PS, Desvigne-Nickens P, Panza JA, Bonow RO, Sun B, San TR, Al-Khalidi HR, Rouleau JL, Velazquez EJ, Cleland JGF.

J Am Coll Cardiol. 2015 Nov 10;66(19):2092-2100. doi: 10.1016/j.jacc.2015.08.882.
- Comparison of Transesophageal and Transthoracic Echocardiographic Measurements of Mechanism and Severity of Mitral Regurgitation in Ischemic Cardiomyopathy (from the Surgical Treatment of Ischemic Heart Failure Trial).

Grayburn PA, She L, Roberts BJ, **Golba KS, Mokrzycki K, Drozd J**, Cherniavsky A, **Przybylski R, Wrobel K**, Asch FM, Holly TA, Haddad H, Yii M, Maurer G, Kron I, Schaff H, Velazquez EJ, Oh JK.

Am J Cardiol. 2015 Sep 15;116(6):913-8. doi: 10.1016/j.amjcard.2015.06.015. Epub 2015 Jun 25.
- Severity of Remodeling, Myocardial Viability, and Survival in Ischemic LV Dysfunction After Surgical Revascularization.

Bonow RO, Castelvechchio S, Panza JA, Berman DS, Velazquez EJ, Michler RE, She L, Holly TA, Desvigne-Nickens P, Kosevic D, Rajda M, **Chrzanowski L, Deja M**, Lee KL, White H, Oh JK, Doenst T, Hill JA, Rouleau JL, Menicanti L; STICH Trial Investigators.

JACC Cardiovasc Imaging. 2015 Oct;8(10):1121-1129. doi: 10.1016/j.jcmg.2015.03.013. Epub 2015 Sep
- Influence of Baseline Characteristics, Operative Conduct, and Postoperative Course on 30-Day Outcomes of Coronary Artery Bypass Grafting Among Patients With Left Ventricular Dysfunction: Results From the Surgical Treatment for Ischemic Heart Failure (STICH) Trial.

Wrobel K, Stevens SR, Jones RH, Selzman CH, Lamy A, Beaver TM, Djokovic LT, Wang N, Velazquez EJ, Sopko G, Kron IL, DiMaio JM, Michler RE, Lee KL, Yii M, Leng CY, **Zembala M**, Rouleau JL, Daly RC, Al-Khalidi HR.

Circulation. 2015 Aug 25;132(8):720-30. doi: 10.1161/CIRCULATIONAHA.114.014932

2014

- Exercise capacity and mortality in patients with ischemic left ventricular dysfunction randomized to coronary artery bypass graft surgery or medical therapy: an analysis from the STICH trial (Surgical Treatment for Ischemic Heart Failure).
Stewart RA, Szalewska D, She L, Lee KL, Drazner MH, Lubiszewska B, Kosevic D, Ruengsakulrach P, Nicolau JC, Coutu B, Choudhary SK, Mark DB, Cleland JG, Piña IL, Velazquez EJ, Rynkiewicz A, White H.
JACC Heart Fail. 2014 Aug;2(4):335-43. doi: 10.1016/j.jchf.2014.02.009. Epub 2014 Jul 9
- Quality-of-life outcomes with coronary artery bypass graft surgery in ischemic left ventricular dysfunction: a randomized trial.
Mark DB, Knight JD, Velazquez EJ, Wasilewski J, Howlett JG, Smith PK, Spertus JA, Rajda M, Yadav R, Hamman BL, Malinowski M, Naik A, Rankin G, Harding TM, Drew LA, Desvigne-Nickens P, Anstrom KJ.
Ann Intern Med. 2014 Sep 16;161(6):392-9. doi: 10.7326/M13-1380.
- Extent of coronary and myocardial disease and benefit from surgical revascularization in ischemic LV dysfunction [Corrected].
Panza JA, Velazquez EJ, She L, Smith PK, Nicolau JC, Favaloro RR, Gradinac S, Chrzanowski L, Prabhakaran D, Howlett JG, Jasinski M, Hill JA, Szwed H, Larbalestier R, Desvigne-Nickens P, Jones RH, Lee KL, Rouleau JL.
J Am Coll Cardiol. 2014 Aug 12;64(6):553-61. doi: 10.1016/j.jacc.2014.04.064.
- Myocardial viability and impact of surgical ventricular reconstruction on outcomes of patients with severe left ventricular dysfunction undergoing coronary artery bypass surgery: Results of the Surgical Treatment for Ischemic Heart Failure trial
Holly TA, Bonow RO, Arnold MO, Oh JK, Velazquez EJ, Birkenfeld B, Asch FM, Malinowski M, Baretto R, Kalil RAK, Berman DS, Sun J-L, Lee KL, Panza JA
J Thorac Cardiovasc Surg 2014; 148:2777-84

2013

- Insights from the STICH trial: change in left ventricular size after coronary artery bypass grafting with and without surgical ventricular reconstruction.
Michler RE, Rouleau JL, Al-Khalidi HR, Bonow RO, Pellikka PA, Pohost GM, Holly TA, Oh JK, Dagenais F, Milano C, Wrobel K, Pirk J, Ali IS, Jones RH, Velazquez EJ,

Lee KL, Di Donato M; STICH Trial Investigators.

J Thorac Cardiovasc Surg. 2013 Nov;146(5):1139-1145.e6. doi: 10.1016/j.jtcvs.2012.09.007. Epub 2012 Oct 27.

- Mechanisms of functional mitral regurgitation in ischemic cardiomyopathy determined by transesophageal echocardiography (from the Surgical Treatment for Ischemic Heart Failure Trial).

Golba K, Mokrzycki K, Drozd J, Cherniavsky A, Wrobel K, Roberts BJ, Haddad H, Maurer G, Yii M, Asch FM, Handschumacher MD, Holly TA, Przybylski R, Kron I, Schaff H, Aston S, Horton J, Lee KL, Velazquez EJ, Grayburn PA; STICH TEE Substudy Investigators.

Am J Cardiol. 2013 Dec 1;112(11):1812-8. doi: 10.1016/j.amjcard.2013.07.047. Epub 2013 Sep 13.

- Influence of baseline left ventricular function on the clinical outcome of surgical ventricular reconstruction in patients with ischaemic cardiomyopathy.

- Oh JK, Velazquez EJ, Menicanti L, Pohost GM, Bonow RO, Lin G, Hellkamp AS, Ferrazzi P, Wos S, Rao V, Berman D, Bochenek A, Cherniavsky A, Rogowski J, Rouleau JL, Lee KL; STICH Investigators.

Eur Heart J. 2013 Jan;34(1):39-47. doi: 10.1093/eurheartj/ehs021. Epub 2012 May 14

- Prognostic significance of biomarkers in predicting outcome in patients with coronary artery disease and left ventricular dysfunction: results of the biomarker substudy of the Surgical Treatment for Ischemic Heart Failure trials.

Feldman AM, Mann DL, She L, Bristow MR, Maisel AS, McNamara DM, Walsh R, Lee DL, Wos S, Lang I, Wells G, Drazner MH, Schmedtje JF Jr, Pauly DF, Sueta CA, Di Maio M, Kron IL, Velazquez EJ, Lee KL.

Circ Heart Fail. 2013 May;6(3):461-72. doi: 10.1161/CIRCHEARTFAILURE.112.000185. Epub 2013 Apr 12.

- Influence of crossover on mortality in a randomized study of revascularization in patients with systolic heart failure and coronary artery disease.

Doenst T, Cleland JG, Rouleau JL, She L, Wos S, Ohman EM, Krzeminska-Pakula M, Airan B, Jones RH, Siepe M, Sopko G, Velazquez EJ, Racine N, Gullestad L, Filgueira JL, Lee KL; STICH Investigators.

Circ Heart Fail. 2013 May;6(3):443-50. doi: 10.1161/CIRCHEARTFAILURE.112.000130. Epub 2013 Mar 20.

2012

- Influence of mitral regurgitation repair on survival in the Surgical Treatment for Ischemic Heart Failure Trial
Deja MA, Grayburn PA, Sun B, Rao V, She L, Krejca M, Jain AR, Chua YL, Daly R, Senni M, Mokrzycki K, Menicanti L, Oh JK, Michler R, Wróbel K, Lamy A, Velazquez EJ, Lee KL, Jones RH
Circulation 2012;125:2639-2648
- Insights from the STICH trial: change in left ventricular size after coronary artery bypass grafting with and without surgical ventricular reconstruction.
Michler RE, Rouleau JL, Al-Khalidi HR, Bonow RO, Pellikka PA, Pohost GM, Holly TA, Oh JK, Dagenais F, Milano C, Wrobel K, Pirk J, Ali IS, Jones RH, Velazquez EJ, Lee KL, Di Donato M; STICH Trial Investigators.
J Thorac Cardiovasc Surg. 2013 Nov;146(5):1139-1145.e6. doi: 10.1016/j.jtcvs.2012.09.007. Epub 2012 Oct 27.
- Core lab analysis of baseline echocardiographic studies in the STICH trial and recommendation for use of echocardiography in future clinical trials.
Oh JK, Pellikka PA, Panza JA, Biernat J, Attisano T, Manahan BG, Wiste HJ, Lin G, Lee K, Miller FA Jr, Stevens S, Sopko G, She L, Velazquez EJ; STICH Trial Investigators.
J Am Soc Echocardiogr. 2012 Mar;25(3):327-36. doi: 10.1016/j.echo.2011.12.002. Epub 2012 Jan 9.

2011

- Coronary-artery bypass surgery in patients with left ventricular dysfunction.
Velazquez EJ, Lee KL, Deja MA, Jain A, Sopko G, Marchenko A, Ali IS, Pohost G, Gradinac S, Abraham WT, Yü M, Prabhakaran D, Szwed H, Ferrazzi P, Petrie MC, O'Connor CM, Panchavinnin P, She L, Bonow RO, Rankin GR, Jones RH, Rouleau JL; STICH Investigators.
N Engl J Med. 2011 Apr 28;364(17):1607-16. doi: 10.1056/NEJMoa1100356. Epub 2011 Apr 4.
- Myocardial viability and survival in ischemic left ventricular dysfunction.
Bonow RO, Maurer G, Lee KL, Holly TA, Binkley PF, Desvigne-Nickens P, Drozd J, Farsky PS, Feldman AM, Doenst T, Michler RE, Berman DS, Nicolau JC, Pellikka

PA, Wrobel K, Alotti N, Asch FM, Favaloro LE, She L, Velazquez EJ, Jones RH, Panza JA; STICH Trial Investigators.

N Engl J Med. 2011 Apr 28;364(17):1617-25. doi: 10.1056/NEJMoa1100358. Epub 2011 Apr 4.

2010

- Clinical characteristics of patients undergoing surgical ventricular reconstruction by choice and by randomization.

Zembala M, Michler RE, Rynkiewicz A, Huynh T, She L, Lubiszewska B, Hill JA, Jandova R, Dagenais F, Peterson ED, Jones RH.

J Am Coll Cardiol. 2010 Aug 3;56(6):499-507. doi: 10.1016/j.jacc.2010.03.054.

2009

- Quality of life and economic outcomes with surgical ventricular reconstruction in ischemic heart failure: results from the Surgical Treatment for Ischemic Heart Failure trial.

Mark DB, Knight JD, Velazquez EJ, Howlett JG, Spertus JA, Djokovic LT, Harding TM, Rankin GR, Drew LA, Szygula-Jurkiewicz B, Adlbrecht C, Anstrom KJ; Surgical Treatment for Ischemic Heart Failure (STICH) Trial Investigators.

Am Heart J. 2009 May;157(5):837-44, 844.e1-3. doi: 10.1016/j.ahj.2009.03.008. Epub 2009 Apr 1.

- Coronary bypass surgery with or without surgical ventricular reconstruction.

Jones RH, Velazquez EJ, Michler RE, Sopko G, Oh JK, O'Connor CM, Hill JA, Menicanti L, Sadowski Z, Desvigne-Nickens P, Rouleau JL, Lee KL; STICH Hypothesis 2 Investigators.

N Engl J Med. 2009 Apr 23;360(17):1705-17. doi: 10.1056/NEJMoa0900559. Epub 2009 Mar 29.

2007

- Polymorphisms in adenosine receptor genes are associated with infarct size in patients with ischemic cardiomyopathy.

Tang Z, Diamond MA, Chen JM, Holly TA, Bonow RO, Dasgupta A, Hyslop T, Purzycki A, Wagner J, McNamara DM, Kukulski T, Wos S, Velazquez EJ, Ardlie K, Feldman AM.

Clin Pharmacol Ther. 2007 Oct;82(4):435-40. doi: 10.1038/sj.clpt.6100331. Epub 2007 Aug 29. PMID: 17728764 Free article.