

- Fargnoli AS, Katz MG, Yarnall C, Isidro A, Petrov M, Steuerwald N, Ghosh S, Richardville KC, Hillesheim R, Williams RD, Kohlbrenner E, Stedman HH, Hajjar RJ, Bridges CR. Cardiac surgical delivery of the sarcoplasmic reticulum calcium ATPase rescues myocytes in ischemic heart failure. *Ann Thorac Surg*. 2013 Aug;96(2):586-95. doi: 10.1016/j.athoracsur.2013.04.021. Epub 2013 Jun 15. PubMed PMID: 23773730; PubMed Central PMCID: PMC3735816.
- Beckmann S, Lynn P, Miller S, Harris R, DiMarco RF, Ross JE. Evaluation of coagulation factors and platelet function from an off-line modified ultrafiltration technique for post-cardiopulmonary bypass circuit blood recovery. *Perfusion*. 2013 May;28(3):214-22. doi: 10.1177/0267659112470710. Epub 2012 Dec 27. PubMed PMID: 23271047.
- Jin R, Zelinka ES, McDonald J, Byrnes T, Grunkemeier GL, Brevig J; Providence Health & Services Cardiovascular Disease Study Group. Effect of hospital culture on blood transfusion in cardiac procedures. *Ann Thorac Surg*. 2013 Apr;95(4):1269-74. doi: 10.1016/j.athoracsur.2012.08.008. Epub 2012 Oct 4. PubMed PMID: 23040823.
- Paugh TA, Dickinson TA, Theurer PF, Bell GF, Shann KG, Baker RA, Mellas NB, Prager RL, Likosky DS; Michigan Society of Thoracic and Cardiovascular Surgeons Perfusion Measures and Outcomes (PERForm) Registry. Validation of a perfusion registry: methodological approach and initial findings. *J Extra Corpor Technol*. 2012 Sep;44(3):104-15.
- Berg M, Justison G. How would I establish a perioperative blood salvage program? *Transfusion*. 2012 Jul 15. doi: 10.1111/j.1537-2995.2012.03780.x. [Epub ahead of print] PubMed PMID: 22804916.
- Ren Y, Lindemann DC, Thomas RC Jr, Baghelai K, Durham SJ. High flow and high dose neosynephrine are effective to maintain perfusion pressure for the patient with preoperative angiotensin converting enzyme inhibitor during cardiopulmonary bypass. *J Extra Corpor Technol*. 2012 Jun;44(2):66-8. PubMed PMID: 22893985.
- White JD, Thesier DM, Swain JB, Katz MG, Tomasulo C, Henderson A, Wang L, Yarnall C, Fargnoli A, Sumaroka M, Isidro A, Petrov M, Holt D, Nolen-Walston R, Koch WJ, Stedman HH, Rabinowitz J, Bridges CR. Myocardial gene delivery using molecular cardiac surgery with recombinant adeno-associated virus vectors in vivo. *Gene Ther*. 2011 Jun;18(6):546-52. doi: 10.1038/gt.2010.168. Epub 2011 Jan 13. PubMed PMID: 21228882; PubMed Central PMCID: PMC3690495.
- Fargnoli AS, Katz MG, Yarnall C, Sumaroka MV, Stedman H, Rabinowitz JJ, Koch WJ, Bridges CR. A pharmacokinetic analysis of molecular cardiac surgery with recirculation mediated delivery of β ARKct gene therapy: developing a quantitative definition of the therapeutic window. *J Card Fail*. 2011 Aug;17(8):691-9. doi: 10.1016/j.cardfail.2011.03.011. Epub 2011 Jun 14. PubMed PMID: 21807332; PubMed Central PMCID: PMC3426308.
- Cvitkovic M. Point-of-care testing. Conception, regulations, and usage. *Crit Care Nurs Q*. 2011 Apr-Jun;34(2):116-27. doi: 10.1097/CNQ.0b013e31820f6f0a. PubMed PMID: 21407006.

- 2011 update to the Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists blood conservation clinical practice guidelines. Society of Thoracic Surgeons Blood Conservation Guideline Task Force, Ferraris VA, Brown JR, Despotis GJ, Hammon JW, Reece TB, Saha SP, Song HK, Clough ER; Society of Cardiovascular Anesthesiologists Special Task Force on Blood Transfusion, Shore-Lesserson LJ, Goodnough LT, Mazer CD, Shander A, Stafford-Smith M, Waters J; International Consortium for Evidence Based Perfusion, Baker RA, Dickinson TA, FitzGerald DJ, Likosky DS, Shann KG. *Ann Thorac Surg* 2011;91(3):944-82.
- Lynch JE, Wells C, Akers T, Frantz P, Garrett D, Scott ML, Williamson L, Agnew B, Lynch JK. Monitoring microemboli during cardiopulmonary bypass with the EDAC quantifier. *J Extra Corpor Technol*. 2010 Sep;42(3):212-8. PubMed PMID: 21114224.
- Sleep J, Syhre I, Evans E. Blood temperature management and gaseous microemboli creation: an in-vitro analysis. *J Extra Corpor Technol*. 2010 Sep;42(3):219-22. PubMed PMID: 21114225.
- Zelinka ES, Brevig J, McDonald J, Jin R. The perfusionist's role in a collaborative multidisciplinary approach to blood transfusion reduction in cardiac surgery. *J Extra Corpor Technol*. 2010 Mar;42(1):45-51. PubMed PMID: 20437791.
- Brevig J, McDonald J, Zelinka ES, Gallagher T, Jin R, Grunkemeier GL. Blood transfusion reduction in cardiac surgery: multidisciplinary approach at a community hospital. *Ann Thorac Surg*. 2009 Feb;87(2):532-9. doi: 10.1016/j.athoracsur.2008.10.044. PubMed PMID: 19161774.
- Maddux FW, Dickinson TA, Rilla D, Kamienski RW, Saha SP, Eales F, Rego A, Donias HW, Crutchfield SL, Hardin RA. Institutional variability of intraoperative red blood cell utilization in coronary artery bypass graft surgery. *Am J Med Qual* 2009;24(5):403-11.
- Englert SJ, Estep TH, Ellis-Stoll CC. Postoperative surgical chest and leg incision sites using platelet gel: a retrospective study. *J Extra Corpor Technol*. 2008 Dec;40(4):225-8. PubMed PMID: 19192749.
- Dandolu BR, Parmet J, Isidro A, Yarnall C, Haber HL, Ford P, Bridges CR. Reoperative cardiac surgery in Jehovah's witness patients with patent internal thoracic artery grafts: how far can we push the envelope? *Heart Surg Forum*. 2008;11(1):E32-3. doi: 10.1532/HSF98.20071144. PubMed PMID: 18270136.
- Beckmann SR, Carlile D, Bissinger RC, Burrell M, Winkler T, Shely WW. Improved coagulation and blood conservation in the golden hours after cardiopulmonary bypass. *J Extra Corpor Technol*. 2007 Jun;39(2):103-8. PubMed PMID: 17672193.
- Pochettino A, Augoustides JG, Kowalchuk DA, Watcha SM, Cowie D, Jobes DR. Cardiopulmonary bypass for lung transplantation in cystic fibrosis: pilot evaluation of perioperative outcome. *J Cardiothorac Vasc Anesth*. 2007 Apr;21(2):208-11. Epub 2006 Dec 8. PubMed PMID: 17418733.
- Dandolu BR, Parmet JL, Yarnall C, Isidro A, Bridges CR. Minimally invasive cardiac surgery using a flexible aortic clamp. *Heart Surg Forum*. 2007;10(6):E428-30; discussion E430. PubMed PMID: 17921127.

- Fan D, Yarnall C, Parmet JL, Norris RB, Isidro AB, Maher MB, Bridges CR. Resection of a large atrial hemangioma using a bloodless surgical technique: a case report. *Heart Surg Forum*. 2007;10(1):E87-9. PubMed PMID: 17311773.
- Augoustides JG, Pochettino A, Ochroch EA, Cowie D, Weiner J, Gambone AJ, Pinchasik D, Bavaria JE, Jobes DR. Renal dysfunction after thoracic aortic surgery requiring deep hypothermic circulatory arrest: definition, incidence, and clinical predictors. *J Cardiothorac Vasc Anesth*. 2006 Oct;20(5):673-7. Epub 2006 Aug 9. PubMed PMID: 17023287.
- Kuntz RA, Holt DW, Turner S, Stichka L, Thacker B. Effects of conventional ultrafiltration on renal performance during adult cardiopulmonary bypass procedures. *J Extra Corpor Technol*. 2006 Jun;38(2):144-53. PubMed PMID: 16921688.
- Najmaii S, Redford D, Larson DF. Hyperglycemia as an effect of cardiopulmonary bypass: intra-operative glucose management. *J Extra Corpor Technol*. 2006 Jun;38(2):168-73. Review. PubMed PMID: 16921693
- Appoo JJ, Augoustides JG, Pochettino A, Savino JS, McGarvey ML, Cowie DC, Gambone AJ, Harris H, Cheung AT, Bavaria JE; Improving Clinical Outcomes through Clinical Research Investigators. Perioperative outcome in adults undergoing elective deep hypothermic circulatory arrest with retrograde cerebral perfusion in proximal aortic arch repair: evaluation of protocol-based care. *J Cardiothorac Vasc Anesth*. 2006 Feb;20(1):3-7. PubMed PMID: 16458205.
- Augoustides JG, Pochettino A, Ochroch EA, Cowie D, McGarvey ML, Weiner J, Gambone AJ, Pinchasik D, Cheung AT, Bavaria JE. Clinical predictors for prolonged intensive care unit stay in adults undergoing thoracic aortic surgery requiring deep hypothermic circulatory arrest. *J Cardiothorac Vasc Anesth*. 2006 Feb;20(1):8-13. PubMed PMID: 16458206.
- Dickinson TA, Riley JB, Crowley JC, Zabetakis PM. In-vitro evaluation of the air separation ability of four cardiovascular manufacturer extracorporeal circuit designs. *J. Extra Corpor Technol* 2006;38;206-213.
- Shann KG, Likosky DS, Murkin JM, et al. An evidence-based review of the practice of cardiopulmonary bypass in adults. A focus on neurologic injury, glycemic control, hemodilution, and the inflammatory response. *J Thorac Cardiovasc Surg* 2006;132(2):283-90.
- Bridges CR, Gopal K, Holt DE, Yarnall C, Cole S, Anderson RB, Yin X, Nelson A, Kozyak BW, Wang Z, Lesniewski J, Su LT, Thesier DM, Sundar H, Stedman HH. Efficient myocyte gene delivery with complete cardiac surgical isolation in situ. *J Thorac Cardiovasc Surg*. 2005 Nov;130(5):1364. PubMed PMID: 16256790.
- Samolyk KA, Beckmann SR, Bissinger RC. A new practical technique to reduce allogeneic blood exposure and hospital costs while preserving clotting factors after cardiopulmonary bypass: the Hemobag. *Perfusion*. 2005 Oct;20(6):343-9. PubMed PMID: 16363320.
- Englert SJ, Estep TH, Ellis-Stoll CC. Autologous platelet gel applications during cardiovascular surgery: effect on wound healing. *J Extra Corpor Technol*. 2005 Jun;37(2):148-52. PubMed PMID: 16117450.

- Zelinka ES, Ryan P, McDonald J, Larson J. Retrograde autologous prime with shortened bypass circuits decreases blood transfusion in high-risk coronary artery surgery patients. *J Extra Corpor Technol.* 2004 Dec;36(4):343-7. PubMed PMID: 15679275.
- Burdis L, Koch DD. The use of cardiopulmonary bypass and extracorporeal membrane oxygenation for support during removal of two teratomas and hydrops fetalis. *J Extra Corpor Technol.* 2004 Jun;36(2):182-4. PubMed PMID: 15334763.
- Englert SJ, Jiang J. Aortic valve replacement for a patient with essential thrombocythemia: a case report. *J Extra Corpor Technol.* 2004 Jun;36(2):166-8. PubMed PMID: 15334759.
- Dickinson TA, Riley J, Zabetakis PM. External validation of compliance to perfusion quality indicators. *Perfusion* 2004;19:295-99.
- Dickinson TA, Riley J, Steg A, Zabetakis P. Observations from a national multiple institution autotransfusion (ATS) quality indicator program. *J Extra Corpor Technol.* 2004;36:153-57.
- Olivencia-Yurvati AH, Wallace N, Ford S, Mallet RT. Leukocyte filtration and aprotinin: synergistic anti-inflammatory protection. *Perfusion.* 2004;19 Suppl 1:S13-9. PubMed PMID: 15161060.
- Schneider S, Gunasinghe H, Sistino J, Blackwell M, Spinale F. Effects of leukocyte depletion filters on matrix metalloproteinase activation in an extracorporeal circulation circuit. *J Extra Corpor Technol.* 2003 Jun;35(2):139-42. PubMed PMID: 12939023.
- Olivencia-Yurvati AH, Ferrara CA, Tierney N, Wallace N, Mallet RT. Strategic leukocyte depletion reduces pulmonary microvascular pressure and improves pulmonary status post-cardiopulmonary bypass. *Perfusion.* 2003 Mar;18 Suppl 1:23-31. PubMed PMID: 12708762.
- Bridges CR, Burkman JM, Malekan R, Konig SM, Chen H, Yarnall CB, Gardner TJ, Stewart AS, Stecker MM, Patterson T, Stedman HH. Global cardiac-specific transgene expression using cardiopulmonary bypass with cardiac isolation. *Ann Thorac Surg.* 2002 Jun;73(6):1939-46. PubMed PMID: 12078794.
- Fernandez C. Evaluating pediatric apheresis toxicity. *Transfus Apher Sci.* 2002 Jun;26(3):175. PubMed PMID: 12126202.
- Humphries K, Sistino JJ. Laboratory evaluation of the pressure flow characteristics of venous cannulas during vacuum-assisted venous drainage. *J Extra Corpor Technol.* 2002 Jun;34(2):111-4. PubMed PMID: 12139119.
- Olivencia-Yurvati AH, Wallace WE, Wallace N, Dimitrijevic D, Knust JK, Haas L, Raven PB. Intraoperative treatment strategy to reduce the incidence of postcardiopulmonary bypass atrial fibrillation. *Perfusion.* 2002 May;17 Suppl:35-9. PubMed PMID: 12009084.
- Dickinson TA, Mahoney CB, Simmons M, Marison A, Polanski P. Trillium coated oxygenators in adult open-heart surgery: A prospective randomized trial. *J. Extra Corpor Technol* 2002; 34:248-53.
- Oles D, Berryessa R, Campbell K, Bhatti MA. Emergency redo mitral valve replacement in a 27-year-old pregnant female with a clotted prosthetic mitral valve, preoperative fetal demise and postoperative ventricular assist device: a case report. *Perfusion.* 2001 Mar;16(2):159-64. PubMed PMID: 11334200.

- Berryessa R, Wiencek R, Jacobson J, Hollingshead D, Farmer K, Cahill G. Vacuum-assisted venous return in pediatric cardiopulmonary bypass. *Perfusion*. 2000 Jan;15(1):63-7. PubMed PMID: 10676869.
- Ellis-Stoll CC, Anderson C, Cantu LG, Englert SJ, Carlile WE. Effect of continuously warmed i.v. fluids on intraoperative hypothermia. *AORN J*. 1996 Mar;63(3):599-606. PubMed PMID: 8651671
- Dickinson TA, Prichard JS, Rieckens F. A comparison of the benefits of roller pump versus constrained vortex pump in adult open-heart operations utilizing outcomes research. *J Extra Corpor Technol* 1994;26:108-13.
- Dickinson, TA. Book Review. *The Risk Manager's Desk Reference*. Youngberg, B.J., Gaithersburg: Aspen; 1994. *J Extra Corpor Technol* 1994;26:152.
- Dickinson, TA. Risk stratification of adult open-heart operations and its benefits to the hospital. *J Extra Corpor Technol* 1992;24:135-40.
- Dickinson, TA. Hypoxemia after intraluminal oxygen line obstruction during cardiopulmonary bypass. *Ann Thorac Surg* 1990;49:512.
- Gravenstein N, Rollman JE, Berryessa RG, Slogoff S. The oxygenator arterial sampling port: a potential source of error. *Anesthesiology*. 1985 Jun;62(6):825-6. PubMed PMID: 4003813