

CURRICULUM VITAE

Marian Urban, MD PhD

CAMPUS ADDRESS: Department of Surgery-Cardiothoracic Surgery
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EDUCATION

1991 - 1997 MD, Medicine, Charles University, Prague, Czech Republic
2010 - 2016 PhD, Charles University, Prague, Czech Republic

POST DEGREE TRAINING

9/1997 - 9/1998 Intern, General Surgery, University Hospital, Zilina, Slovakia
9/1998 - 3/2004 Resident, General Surgery, University Hospital, Zilina, Slovakia
11/2005 - 7/2007 Fellow, Colorectal Surgery, Singleton Hospital, Swansea, UK
8/2007 - 7/2008 Resident, Cardiothoracic Surgery, University Hospital of Wales, Cardiff, UK
9/2008 - 12/2014 Resident, Cardiothoracic Surgery, Institute for Clinical and Experimental Medicine, Prague, Czech Republic
1/2014 - 7/2017 Fellow, Heart and Lung Transplantation, Freeman Hospital, Newcastle Upon Tyne, UK

CONTINUING EDUCATION AND TRAINING

2016 - 2016 Medical Device Training on Organ Care System for OCS Heart, Transmedics
2018 - 2018 Evolut Product and Procedure Training
2018 - 2018 Transcatheter Heart Valve Fundamentals Training Program Sapien 3 and Commander Delivery System
2019 - 2019 Training on Using Organ Care System for Lung Preservation, Monitoring and Assessment, Transmedics

ACADEMIC APPOINTMENTS

2017 - Present Assistant Professor, Department of Surgery, University of Nebraska Medical Center, Omaha, NE

CERTIFICATIONS AND LICENSES

2007 - Present Specialty Registant in General Surgery, Royal College of Surgeons of England
2007 - Present Care of the Critically Ill Surgical Patient, Royal College of Surgeons of England
2007 - Present Foundation Endoscopy, Royal College of Surgeons of England
2007 - Present Training for Trainers, Royal College of Surgeons of England
2017 - Present Intercollegiate Specialty Examination in Cardiothoracic Surgery, UK
2020 - Present DEA, Nebraska, FU7171387
2017 - Present FRCS (C-Th), The Royal College of Surgeons of England

2017 - Present

Physician, State of Nebraska, 30403

GRANTS AND CONTRACT SUPPORT

ACTIVE

Title: Nebraska Center for Heart and Vascular Research
ID Number: 1P20GM152326-01
Funding Agency: DHHS/NIH/NIGMS
Project Period: 2024 - 2028
Total Dollars: \$11,807,061
Direct Cost: \$1,797,522
Role: Other (Gundry)

Title: A Prospective, Multi-Center, Single-Arm, Open-Label Study of Hearts Transplanted after Non-Ischemic Heart Preservation from Extended Donors (PRESERVE)
ID Number: NIHP-001
Funding Agency: XVIVO
Project Period: 2024 - 2026
Total Dollars: \$383,169
Direct Cost: \$0
Role: Principal Investigator

Title: Observational Study of SherpaPak Cardiac Transport System
ID Number:
Funding Agency: Paragonix Technologies
Project Period: 2023 - 2024
Total Dollars: \$98,589
Direct Cost: \$64,750
Role: Principal Investigator

PENDING

Title: Novel Hypothermic Machine Perfusion Device for Preservation and Transport of DCD Hearts as an Alternative to NRP Recovered DCD Hearts
ID Number:
Funding Agency: Vascular Perfusion Solutions, Inc.
Project Period: 2022 - 2023
Total Dollars: \$230,598
Direct Cost: \$150,227
Role: Principal Investigator

OTHER APPOINTMENTS AND POSITIONS

2005 - 2007 Staff Grade, General Surgery, Singleton Hospital, Abertawe Bro Morgannwg, Swansea, UK
2021 - Present Assistant Professor (Courtesy Appointment), Department of Cellular and Integrative Physiology,
University of Nebraska Medical Center, Omaha, NE, United States

HONORS AND AWARDS

INTERNATIONAL

2013 International Traveling Fellowship, ISHLT / University of Utah Health Sciences Center, Heart Transplant
Program
2014 Transplant Registry Early Career Award (TRECA), The International Society for Heart and Lung
Transplantation (ISHLT)

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

2012 - Present Member, The International Society for Heart & Lung Transplantation
2013 - Present Member, The Society of Thoracic Surgeons
2018 - Present Member, Extracorporeal Life Support Organization
2020 - Present Member, American Society for Artificial Internal Organs
2020 - Present Member, American Society of Transplantation
2021 - Present Member, Association for Academic Surgery

COMMITTEE ASSIGNMENTS

NATIONAL/INTERNATIONAL

2015 Member of Program Committee, 35th Annual Meeting in Nice, France, The International Society for
Heart & Lung Transplantation
2019 Member of HFTX Council Education Work Force, The International Society for Heart & Lung
Transplantation
2019 Member of MCS Council Education Work Force, The International Society for Heart & Lung
Transplantation
2015 - 2017 Member of Abstract Selection Committee, The International Society for Heart & Lung Transplantation
2017 - 2018 Member of Symposium Planning Committee, The International Society for Heart & Lung Transplantation

UNMC

2017 - Present Committee Member, Heart Transplant and Mechanical Circulatory Support Selection Committee,
Nebraska Medicine
2017 - Present Committee Member, Lung Transplant Patient Selection Committee, Nebraska Medicine
2017 - 2021 Chair, Cardiothoracic Surgery Disease-Focused Team, University of Nebraska Medical Center
2021 - Present Committee Member, A. Ross McIntyre Cardio-Renal Seminar, University of Nebraska Medical Center
2022 - Present Co-Director, Heart & Vascular Clinical Research, University of Nebraska Medical Center

MISCELLANEOUS

| | |
|----------------|---|
| 2015 | Co-Chair, Clinical Case Dilemmas at 35th Annual Meeting, The International Society for Heart & Lung Transplantation |
| 2013 - 2015 | Abstract Reviewer, European Association of Cardiothoracic Surgery |
| 2016 - Present | Abstract Reviewer, The International Society for Heart & Lung Transplantation |
| 2021 - Present | Board Member, Live-On Nebraska Advisory Board |

PRESENTATIONS

1. Urban M; Pirk, J; Szarszoi, O; Maly, J; Netuka, I. Mitral valve repair versus replacement in simultaneous aortic and mitral valve surgery. 22nd World Congress of World Society of Cardio-Thoracic Surgeons; 2012. Vancouver, Canada
2. Urban M; Pirk, J; Szarszoi, O; Netuka, I. Comparison of post-transplantation outcomes in patients bridged with the Thoratec paracorporeal Ventricular Assist Device versus the HeartMate II ventricular assist 2013 device. 27th European Association for Cardio-Thoracic Surgery Annual Meeting; 2013. Vienna, Austria
3. Urban M; Szarszoi, O; Pirk, J; Netuka, I. Pre-transplant heart disease etiology has a major effect on post-transplant survival of patients bridged with HeartMate II assist device. 23rd World Congress of the World Society of Cardio-Thoracic Surgeons; 2013. Split, Croatia
4. Urban M; Pirk, J; Szarszoi, O; Ivak, P; Netuka, I. Impact of preoperative atrial fibrillation on mortality and cardiovascular outcomes in patients undergoing double valve surgery. 23rd World Congress of the World Society of Cardio-Thoracic Surgeons; 2013. Split, Croatia
5. Urban M; Pirk, J; Szarszoi, O; Natuka, I. Successful retransplantation in a patient with acute primary graft failure. 23rd World Congress of the World Society of Cardio-Thoracic Surgeons; 2013. Split, Croatia
6. Urban M; Ivak, P; Netuka, I; Szarszoi, O; Pirk, J. Comparison of the permanent pacemaker implantation rate after mitral valve replacement as opposed to mitral valve repair in patients undergoing simultaneous aortic-mitral valve surgery. The Society for Heart Valve Disease/ Heart Valve Society of America 7th Biennial Congress; 2013. Venice, Italy
7. Urban M; Ivak, P; Szarszoi, O; Netuka, I; Pirk, J. Comparison of mitral valve repair and replacement in patients with ischemic mitral regurgitation undergoing double valve surgery. 62nd ESCVS Congress; 2013. Regensburg, Germany
8. Urban M; Pirk, J; Szarszoi, O; Riha, H; Netuka, I. Impact of continuous and pulsatile-flow left ventricular assist devices on post-transplantation rejection. SCTS 77th Annual Meeting & Cardiothoracic Forum; 2013. Brighton, UK
9. Urban M; Pirk, J; Szarszoi, O; Gazdic, T; Netuka, I. The Impact of Pre - sensitization on post Heart Transplantation Outcome in the Era of Mechanical Circulatory Support Devices. 28th European Association of CardioThoracic Surgery Annual Meeting; 2014. Milan, Italy
10. Urban M; Booth, K; Schueler, S; MacGowan, G. Impact of donor variables on heart transplantation outcome of mechanically bridged versus standard recipients. 30th EACTS Annual Meeting; 2016. Barcelona, Spain
11. Urban M; Szarszoi, O; Ivak, P; Netuka, I. The impact of concomitant procedures on outcome in HeartMate II supported recipients. SCTS 80th Annual Meeting & Cardiothoracic Forum; 2016. Birmingham, UK
12. Urban M; Siddique A; Merritt HM; Um JY; Moulton MJ. Outcome Analysis of Percutaneous VA ECMO as a Bridge to Durable LVAD. ELSO Annual Meeting; 2018 Sept
13. Urban M; Merritt-Genore HL; Siddique A; Moulton MJ; ryan t; Um JY. . Impact of Venous-Arterial Membrane Oxygenation on Outcome of Crash and Burn Patients Transitioned to Durable Left Ventricular Assist Device. 39th Annual International Heart and Lung Transplantation Scientific Sessions; 2019 April. Orlando, FL
14. Macdonald CJ; Urban M; Moulton MJ; McCain NT; Stoller DA; Zolty R; um jy; Siddique A. Recurrent Pump Thrombosis is Common after Axial Continuous Flow LVAD Exchange. 39th Annual International Heart and Lung Transplantation Scientific Sessions; 2019 April. Orlando, FL
15. URBAN, M; Fristoe LW; ryan t; Siddique A; Castleberry A; um jy. Percutaneous Temporary Right Ventricular Mechanical Support With Double Lumen Cannula During Left Ventricular Assist Device Implantation - A Word Of Caution. 2020 ASAIO On Demand Virtual Meeting; 2020

16. Urban M; Siddique A; Castleberry A; ryan t; um jy. Do centrifugal-flow left ventricular assist devices offer survival advantage over axial-flow devices in patients transitioned from venoarterial extracorporeal membrane oxygenation?. 2020 AATS Mechanical Support for the Heart and Lung Symposium; 2020. Houston, TX
17. Boudreaux JC; Urban M; Castleberry A; um jy; Moulton MJ; Siddique A. Impact of Individual Surgeon Volume on Outcomes Following LVAD Implantation. . International Society for Heart and Lung Transplantation (ISHLT) 41st annual meeting and scientific sessions; 2021
18. Greni SE; Siddique A; Castleberry A; Lowes BD; um jy; Moulton MJ; Lundgren SW; Stoller DA; Urban M. Risk Factors Associated with Post Heart Transplantation Left Ventricular versus Right Ventricular Primary Graft Dysfunction. ISHLT 41st Annual Meeting and Scientific Sessions; 2021
19. Muellner MJ; Siddique A; Castleberry A; um jy; Lowes BD; Stoller DA; Moulton MJ; Urban M. Donor Transient Myocardial Dysfunction â Structural versus Hypoxic Brain Injury. ISHLT 41st Annual Meeting and Scientific Sessions; 2021
20. Boudreaux JC; Urban M; um jy; thompson sl; Moulton MJ; Siddique A. Impact Of Tracheostomy In Patients Receiving VV ECMO. 2021 ASAIO Annual Conference; 2021
21. Urban M; Moody ML; Castleberry A; lowes bd; Siddique A; um jy. Impact of Donation After Circulatory Death Heart Transplantation on Waitlist Outcomes and Transplantation Activity. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022
22. Free NW; Schissel ME; Urban M; Berkheim D; Small B; Strah HM; Siddique A. Is Pre-Lung Transplant Evaluation of Physical Performance and Frailty Correlated with Post-Transplantation Lung Function?. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022. Boston, MA
23. Free NW; Schissel ME; Urban M; Berkheim D; Small B; Strah HM; Siddique A. Does Pre-Lung Transplant Grip Strength Correlate with Post-Transplant Lung Function in the First Year?. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022
24. Urban M; Castleberry A; Markin NW; Chacon MM; lowes bd; Siddique A; um jy. Early Outcomes of Donation After Circulatory Death Heart Transplantation with Thoracoabdominal Normothermic Regional Perfusion. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022
25. Urban M; Castleberry A; Lowes BD; Moody ML; Fristoe LW; Siddique A; um jy. Evaluation of Safety and Effectiveness of the Paragonixâ SherpaPak Cardiac Transport System in Donation After Circulatory Death Heart Transplantation. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022
26. URBAN, M; Castleberry A; Siddique A; um jy; Merani S. Donor organ utilization and transplantation in donation after circulatory death using thoracoabdominal normothermic regional perfusion. American Transplant Congress; 2022. Boston, MA

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Marian Urban; J. Pirk; O. Szárszoi; J. Vodicková; I. Netuka. Transmyokardiální laserová revaskularizace. Rozhledy v chirurgii : měsíčník Československé chirurgické společnosti. 88 : 489-492. 2009
2. D. Turek; I. Netuka; J. Malý; O. Szárszoi; J. Besík; Marian Urban; J. Pirk; V. Petkov. Terapie závažných raných infekcí u pacientů se zavedenou mechanickou srdeční podporou pomocí V.A.C systému. Rozhledy v chirurgii : měsíčník Československé chirurgické společnosti. 88 : 693-696. 2009
3. Marian Urban; Ivan Netuka; Alena Paříková; Jiří Malý; Ondrej Szárszoi; Jan Pirk. Vliv Mechanické srdeční podpory na dynamiku renálních funkcí u pacienta v terminálním stadiu srdečního selhání. Casopis Lekarů Ceskych. 149 : 129-132. 2010
4. Ivan Netuka; Ondrej Szarszoi; Jiri Maly; Marek Adamira; Daniel Turek; Josef Besik; Marian Urban; Hynek Riha; Tomas Kotulak; Jan Pirk. Comprehensive management of severe intestinal bleeding in a patient supported for 94 days by the biventricular levitronix centrimag system. Heart Surgery Forum. 13 : 2010
5. Marian Urban; Jan Pirk; Daniel Turek; Ivan Netuka. In patients with concomitant aortic and mitral valve disease is aortic valve replacement with mitral valve repair superior to double valve replacement?. Interactive cardiovascular and thoracic surgery. 12 : 238-242. 2011

6. Ivon Netuka; Jiří Malý; Hynek Říha; Ondrej Szarszoi; Zora Dorazilová; Ivo Skalsky; Daniel Turek; Marian Urban; Jiří Kettner; Jan Pirk. PÁřinos dlouhodobé pulzatilní mechanické srdeční podpory u multiorgánové selhá vajíčích pacientů v terminálním srdečním selhání. *Casopis Lekarů Ceskych*. 150 : 44-46. 2011
7. I. Netuka; J. Malý; O. Szarszoi; H. Říha; D. Turek; Marian Urban; I. Skalský; T. Kotulák; Z. Dorazilová; J. Pirk. Technika implantace a zkušenosti s docasnou mechanickou srdeční podporou při selhání pravé komory. *Rozhledy v chirurgii : měsíčník Československé chirurgické společnosti*. 90 : 88-94. 2011
8. Marian Urban; J. Pirk; I. Skalský; O. Szárszoi; I. Netuka. Výsledky kombinované plastiky mitrální a náhrady aortální chlopne v IKEM Praha. *Rozhledy v chirurgii : měsíčník Československé chirurgické společnosti*. 90 : 95-101. 2011
9. O. Szárszoi; I. Netuka; D. Janák; Marian Urban; J. Malý; J. Besík; D. Turek; P. Kacer; I. Skalský; J. Pirk. Kardiochirurgické operace u pacientů odmítajících krevní transfuze: výsledky v IKEM. *Rozhledy v chirurgii : měsíčník Československé chirurgické společnosti*. 90 : 102-105. 2011
10. Marian Urban; Jan Pirk; Zora Dorazilova; Ivan Netuka. How does successful bridging with ventricular assist device affect cardiac transplantation outcome?. *Interactive cardiovascular and thoracic surgery*. 13 : 405-409. 2011
11. Marian Urban; Jiri Novotny; Jozef Kovac; Ivan Netuka. Giant right coronary artery aneurysm presenting as cardiac tamponade. *European Journal of Cardio-thoracic Surgery*. 40 : 2011
12. Petr Kacer; Marian Urban; Michael Jonak; Vera Adamkova. Extensive, devastating prosthetic aortic valve endocarditis. *Neuroendocrinology Letters*. 32 : 9-12. 2011
13. Kacer P, Urban M, Kautznerova D, Szarszoi O. Coronary-coronary bypass with patency validated by 64-slice multidetector computed tomography. *Texas Heart Institute journal*. 39 : 766-7. 2012
14. J. Pirk; I. Malek; I. Netuka; L. Hoskova; E. Pokorna; T. Kotulak; Marian Urban. Heart transplantations at the Heart Center IKEM, Prague, Czech Republic. *Unknown Journal*. 135-143. 2012
15. Ondrej Szarszoi; Jiri Maly; Daniel Turek; Marian Urban; Ivo Skalsky; Hynek Riha; Jana Maluskova; Jan Pirk; Ivan Netuka. Implantation of left ventricular assist device: Complicated by undiagnosed thrombophilia. *Texas Heart Institute Journal*. 39 : 615-617. 2012
16. Marian Urban; Tomas Gazdic; Eva Slimackova; Jan Pirk; Ondrej Szarszoi; Jiri Maly; Ivan Netuka. Alloimmunosenitization in left ventricular assist device recipients and impact on posttransplantation outcome. *ASAIO Journal*. 58 : 554-561. 2012
17. Jan Pitha; Zora Dorazilova; Vojtech Melenovsky; Ivana Kralova Lesna; Petr Stavek; Jitka Stepankova; Marian Urban; Jiri Maly; Ivan Netuka. The impact of left ventricle assist device on circulating endothelial microparticles - Pilot study. *Neuroendocrinology Letters*. 33 : 68-72. 2012
18. Jan Pirk; Jiri Maly; Ondrej Szarszoi; Marian Urban; Tomas Kotulak; Hynek Riha; Petr Neuzil; Ivan Netuka. Total artificial heart support with two continuous-flow ventricular assist devices in a patient with an infiltrating cardiac sarcoma. *ASAIO Journal*. 59 : 178-180. 2013
19. Marian Urban; Jan Pirk; Ondrej Szarszoi; Ivo Skalsky; Jiri Maly; Ivan Netuka. Mitral valve repair versus replacement in simultaneous aortic and mitral valve surgery. *Experimental and Clinical Cardiology*. 18 : 22-26. 2013
20. Marian Urban; Ondrej Szarszoi; Jan Pirk; Ivan Netuka. What is the optimal mode of mechanical support in transplanted patients with acute graft failure?. *Interactive cardiovascular and thoracic surgery*. 16 : 517-519. 2013
21. Ivan Netuka; Pavla Stepankova; Marian Urban; Jiri Maly; Ondrej Szarszoi; Zora Dorazilova; Tomas Kotulak; Jan Pirk. Is severe cardiac dysfunction a contraindication for complex combined oncotherapy of hodgkin's lymphoma? not any more. *ASAIO Journal*. 59 : 320-321. 2013
22. Marian Urban; Josef Besik; Ondrej Szarszoi; Ludek Voska; Ivan Netuka. Right ventricular outflow tract obstruction caused by ectopic thyroid gland. *Annals of Thoracic Surgery*. 98 : 2014
23. Besik J, Szarszoi O, Bartonova A, Netuka I, Maly J, Urban M, Jakabcin J, Pirk J. Intracardiac ectopic thyroid (struma cordis). *Journal of cardiac surgery*. 29 : 155-8. 2014
24. Netuka I, Maly J, Szarszoi O, Kautznerova D, Urban M, Pirk J. Novel treatment of an infiltrating cardiac fibrosarcoma. *Texas Heart Institute journal*. 41 : 248-9. 2014

25. Marian Urban; Jan Pirk; Ondrej Szarszoi; Josef Besik; Ivan Netuka. Post-heart transplantation outcome of HeartMate II-bridged recipients requiring unplanned concomitant temporary right ventricular mechanical support. *Interactive cardiovascular and thoracic surgery*. 20 : 372-378. 2015
26. Josef Besik; Jan Pirk; Ivan Netuka; Ondrej Szarszoi; Tomas Marek; Marian Urban; Eva Honsova; Jan Laco. Aortic and mitral valve replacement due to extensive inflammatory immunoglobulin G4-related pseudotumor. *Annals of Thoracic Surgery*. 100 : 1439-1441. 2015
27. Ivan Netuka; Peter Ivák; Ondrej Szarszoi; Marian Urban; Jiří Novotný; Josef Bejík; Jiri Malý. Minimally Invasive Removal of a Temporary RVAD. *ASAIO Journal*. 61 : 202-204. 2015
28. Eva Svobodova; Tomas Gazdic; Milos Kubanek; Jevgenija Vymetalova; Ludek Voska; Martin Kment; Vera Lanska; Libor Kolesar; Marian Urban; Ivan Netuka; Jan Pirk; Vojtech Melenovsky; Josef Kautzner; Antonij Slavcev; Ivan Malek. Novel insights into pretransplant allosensitization in heart transplant recipients in the contemporary era of immunosuppression and rejection surveillance. *Transplant International*. 29 : 63-72. 2016
29. O. Szarszoi; J. Besik; M. Smetana; J. Maly; Marian Urban; J. Maluskova; A. Lodererova; L. Hoskova; Z. Tucanova; J. Pirk; I. Netuka. Biomarkers of cellular apoptosis and necrosis in donor myocardium are not predictive of primary graft dysfunction. *Physiological Research*. 65 : 251-257. 2016
30. Marian Urban; Antonij Slavcev; Tomas Gazdic; Peter Ivak; Ivan Netuka. The impact of angiotensin II type 1 receptor antibodies on morbidity and mortality in heart mate II supported recipients. *Biomedical Papers*. 160 : 518-523. 2016
31. Marian Urban; Antonij Slavcev; Tomas Gazdic; Peter Ivak; Josef Besik; Ivan Netuka. The impact of angiotensin II type 1 receptor antibodies on post-heart transplantation outcome in Heart Mate II bridged recipients. *Interactive cardiovascular and thoracic surgery*. 22 : 292-297. 2016
32. David Dobarro; Marian Urban; Karen Booth; Neil Wrightson; Javier Castrodeza; Jerome Jungschleger; Nicola Robinson-Smith; Andrew Woods; Gareth Parry; Stephan Schueler; Guy A. MacGowan. Impact of aortic valve closure on adverse events and outcomes with the HeartWare ventricular assist device. *Journal of Heart and Lung Transplantation*. 36 : 42-49. 2017
33. Urban M, Booth K, O'Sullivan J, Dark J. Novel Management of Atrial Septal Defect at Time of Lung Transplantation. *The Annals of thoracic surgery*. 106 : e1-e2. 2018
34. Urban M, Booth K, Schueler S, Netuka I, MacGowan G. Donor and recipient risk factor analysis of inferior postheart transplantation outcome in the era of durable mechanical assist devices. *Clinical transplantation*. 32 : e13390. 2018
35. Urban M, Woods A, Robinson-Smith N, MacGowan G, Roysam C, Schueler S. First-in-man use of the MVAD axial-flow pump: Long-term outcome. *J. Heart Lung Transplant*. 37 : 933-936. 2018
36. Urban M; Siddique A; Merritt-Genore HL; um jy. What are the results of Venoarterial Extracorporeal Membrane Oxygenation Bridging to Heart Transplantation?. *Interactive cardiovascular and thoracic surgery*. 2019; p. 632-634. 1569-9293
37. Urban M; Siddique A; moulton mm; Castleberry A; Merritt-Genore H; Ryan T; Lowes BD; Um JY. Can we expect improvements in outcomes with centrifugal vs axial flow left ventricular assist devices in patients transitioned from extracorporeal life support?. *Journal of cardiac surgery*. 2019; p. 1228-1234. 0886-0440
38. Marian Urban; Aleem Siddique; Moulton MJ; Anthony W. Castleberry; HelenMari L Merritt-Genore; Timothy Ryan; Brian D Lowes; John Y Um. Can we expect improvements in outcomes with centrifugal vs axial flow left ventricular assist devices in patients transitioned from extracorporeal life support?. *Journal of Cardiac Surgery*. 2019
39. Marian Urban; John Um; Moulton MJ; Douglas Stoller; Ronald Zolty; Brian Lowes; Collin Macdonald; Natalia McCain; Aleem Siddique. Recurrent pump thrombosis is common after axial continuous-flow left ventricular assist device exchange. *International Journal of Artificial Organs*. 2019
40. Marian Urban; Karen Booth; Jerome Jungschleger; Ivan Netuka; Stephan Schueler; Guy MacGowan. Impact of donor variables on heart transplantation outcomes in mechanically bridged versus standard recipients. *Interactive cardiovascular and thoracic surgery*. 28 : 455-464. 2019
41. Marian Urban; Aleem Siddique; HelenMari L Merritt-Genore; John Y Um. What are the results of venoarterial extracorporeal membrane oxygenation bridging to heart transplantation?. *Interactive cardiovascular and thoracic surgery*. 29 : 632-634. 2019

42. Urban M; lunggren SW; Siddique A; Ryan TR; Lowes BD; Stoller DA; UM JY. Impact of temporary mechanical circulatory support for early graft failure on post-heart transplantation outcomes. *Clinical transplantation*. 2020; 0902-0063
43. M. Urban; S. Lundgren; A. Siddique; B. Lowes; J. Um. Long-Term Outcome of Heart Transplant Recipients with Acute Graft Dysfunction Requiring Temporary Mechanical Circulatory Support. *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*. 39 : S292-S293. 2020
44. T. R. Ryan; A. N. Clark; S. J. Lehn; E. R. Lyden; M. Urban. Weight and LVAD Outcomes; Not Just a "Bridge to the Fridge?". *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*. 39 : S340-S341. 2020
45. Marian Urban; Scott W. Lundgren; Aleem Siddique; Timothy R. Ryan; Brian D. Lowes; Douglas A. Stoller; John Y. Um. Impact of temporary mechanical circulatory support for early graft failure on post-heart transplantation outcomes. *Clinical Transplantation*. 34 : 2020
46. Boudreaux JC; URBAN, M; Berkheim DB; Moulton MJ; Small BL; Strah HM; Siddique A. Combination plate and band fixation for primary closure in bilateral lung transplantation. *Journal of cardiac surgery*. 2021; Vol. 36 (9) 0886-0440
47. Joel C. Boudreaux; Marian Urban; David B. Berkheim; Moulton MJ; Bronwyn L. Small; Heather M. Strah; Aleem Siddique. Combination plate and band fixation for primary closure in bilateral lung transplantation. *Journal of cardiac surgery*. 2021
48. Marian Urban; Anthony W. Castleberry; Nicholas W. Markin; Megan M. Chacon; Heather M. Strah; John Y. Um; David Berkheim; Shaheed Merani; Aleem Siddique. Successful lung transplantation with graft recovered after thoracoabdominal normothermic perfusion from donor after circulatory death. *American Journal of Transplantation*. 2021
49. Joel C. Boudreaux; Marian Urban; Anthony W. Castleberry; John Y Um; Michael J. Moulton; Aleem Siddique. In a large-volume multidisciplinary setting individual surgeon volume does not impact LVAD outcomes. *Journal of cardiac surgery*. 2022
50. Nicholas W. Markin; M. Megan Chacon; Anthony W. Castleberry; Lance Fristoe; Brian D. Lowes; John Y Um; Marian Urban. Cardiac function unchanged following reanimation with normothermic regional perfusion in donation after circulatory death. *JTCVS Techniques*. 2022
51. Marian Urban; Anthony W. Castleberry; Kim F. Duncan; Nicholas W. Markin; M. Megan Chacon; Aleem Siddique; Shaheed Merani; Ryan Robertson; Lance Fristoe; John Y. Um. Thoracoabdominal Normothermic Perfusion in Donation After Circulatory Death. *Annals of Thoracic Surgery*. 113 : e473-e476. 2022
52. Marian Urban; Morgan Moody; Elizabeth Lyden; Lecia Kinen; Anthony W. Castleberry; Aleem Siddique; Brian D. Lowes; Douglas A Stoller; Scott W. Lungren; John Y Um. Impact of donation after circulatory death heart transplantation on waitlist outcomes and transplantation activity. *Clinical Transplantation*. 2023
53. Marian Urban; Anthony W. Castleberry; Aleem Siddique; Brian D. Lowes; Douglas A. Stoller; Scott W. Lundgren; John Y. Um. Utilization of Paragonix Sherpapak Cardiac Transport System for the Preservation of Donor Hearts After Circulatory Death. *Transplantation Proceedings*. 2023
54. John Louca; Marco Öchsner; Ashish Shah; Jordan Hoffman; Francisco González Vilchez; Iris Garrido; Mario Royo-Villanova; Beatriz Domínguez-Gil; Deane Smith; Leslie James; Nader Moazami; Filip Rega; Janne Brouckaert; Johan Van Cleemput; Katrien Vandendriessche; Vincent Tchana-Sato; Diawara Bandioukou; Marian Urban; Alex Manara; Marius Berman; Simon Messer; Stephen Large; Nirav Patel; Rohan Sanghera; Constantinos Kapetanos; Antonio Rubino; Sai Bhagra; Luis Alberto Martinez-Marin; et al. The international experience of in-situ recovery of the DCD heart: a multicentre retrospective observational study. *EClinicalMedicine*. 58 : 2023
55. Joel C. Boudreaux; Marian Urban; Shaun L. Thompson; Anthony W. Castleberry; Michael J. Moulton; Aleem Siddique. Does Tracheostomy Improve Outcomes in Those Receiving Venovenous Extracorporeal Membrane Oxygenation?. *ASAIO Journal*. 69 : E240-E247. 2023
56. Merani S, Urban M, Westphal SG, Dong J, Miles CD, Maskin A, Hoffman A, Langnas AN. Improved Early Post-Transplant Outcomes and Organ Use in Kidney Transplant Using Normothermic Regional Perfusion for Donation after Circulatory Death: National Experience in the US. *Journal of the American College of Surgeons*. 238 : 107-118. 2023
57. Mitra A, Castleberry A, Urban M, Siddique A. Does concomitant tricuspid valve intervention at the time of left ventricular assist device placement for patients with significant tricuspid regurgitation lead to improved outcomes compared to isolated left ventricular assist device placement?. *Interdisciplinary cardiovascular and thoracic surgery*. 38 : 2024

58. Shaheed Merani; Marian Urban; Scott G. Westphal; James Dong; Clifford D. Miles; Alexander Maskin; Arika Hoffman; Alan N. Langnas. Improved Early Post-Transplant Outcomes and Organ Use in Kidney Transplant Using Normothermic Regional Perfusion for Donation after Circulatory Death: National Experience in the US. *Journal of the American College of Surgeons*. 238 : 107-118. 2024
59. Marian Urban; Timothy R. Ryan; John Y. Um; Aleem Siddique; Anthony W. Castleberry; Brian D. Lowes. Financial impact of donation after circulatory death heart transplantation: A single-center analysis. *Clinical Transplantation*. 38 : 2024

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

1. Merani S; Thorell WE; Markin NW; Urban M. Study of a porcine model for donation after cardiac death. In process. 2023

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

Not Applicable

F. BOOKS OR JOURNALS EDITED

Not Applicable

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

1. Merani S; Urban M; Um J; Maskin A; Vargas L; Castleberry A; Mercer D; Grant W; Langnas L. Liver Transplantation using Thoracoabdominal Normothermic Regional perfusion Recovery for Donation after Circulatory Death – A North American Single-Center Experience. *Am J Transplantation*. 2022, Vol. 22 S1
2. Merani S; Urban M; Westphal SG; Miles CD; Hoffman AL; Maskin AT; Langnas AN. Utilization and Outcome of Kidney Allografts in the era of Normothermic Regional Perfusion for Donation After Circulatory Death. American Transplant Congress- Oral Presentation; San Diego. 2023

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

Not Applicable

I. PUBLISHED CONTINUING EDUCATION MATERIALS

Not Applicable

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable

COMMUNITY SERVICE

2019 Volunteer Speaker, Intensive English University of Nebraska Omaha (ILUNO) Program, University of Nebraska, Omaha

EDUCATION/TEACHING ACTIVITY

A. ADDITIONAL INSTRUCTION

Mentor: University of Nebraska Medical Center, Medical Student Summer Research Program, 2020 - Present
University of Nebraska Medical Center, Summer Undergraduate Research Program, 2020 - Present

B. FACULTY ADVISING/MENTORING

Instructor: University of Nebraska Medical Center, Overview of Cardiothoracic Surgery, 2018 - Present
Lecture: University of Nebraska Medical Center, Anatomy Lecture & Wet Lab for Cardiology Fellows, 2018 - Present

C. MEDICAL STUDENT TEACHING

MEP 916 - Molecular Mechanisms of Cardiovascular Pathophysio

Lecture: Cardiac remodeling/transplant/ischemia, 1.5 hours, 03/27/2023
Cardiac remodeling/transplant/ischemia, 1.5 hours, 02/25/2024