

Anthony W. Castleberry, MD, MMCI

GENERAL INFORMATION

Contact Information:

Phone: 402-552-2620 (office)
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Work Address:

982315 Nebraska Medical Center
Omaha, NE 68198

Education:

- 2000 HILLSDALE COLLEGE, Hillsdale, MI
Bachelor of Arts in Business Finance (BA, Summa Cum Laude) | GPA: 3.98
- 2005 SCRIPPS COLLEGE, Claremont, CA
Post-Baccalaureate Premedical Certificate | GPA: 4.00
- 2009 UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE, Pittsburgh, PA
Doctor of Medicine (MD)
- 2012 DUKE UNIVERSITY, THE FUQUA SCHOOL OF BUSINESS, Durham, NC
Master of Management in Clinical Informatics (MMCI, With Honors)

POST - GRADUATE TRAINING

Duke University Medical Center, Durham, NC

- 2009-11 Intern/Junior Assistant Resident in Surgery
- 2011-13 Research Fellow in Surgery
- 2013-15 Senior Assistant Resident in Surgery / Joint Resident in Cardiothoracic Surgery
- 2015-16 Chief Resident in Surgery / Joint Resident in Cardiothoracic Surgery
- 2016-18 Resident in Cardiothoracic Surgery / Advanced Fellow in Cardiothoracic Surgery

Board Certification:

- 2017 American Board of Surgery
- 2019 American Board of Thoracic Surgery

Licensure:

- 2016 North Carolina, No: 2016-02111
- 2018 Nebraska, No: 31301

ACADEMIC APPOINTMENTS

The University of Nebraska Medical Center / Nebraska Medicine, Omaha, NE

- 2019 - 2024 Assistant Professor of Surgery, Division of Cardiothoracic Surgery
- 2024 - Present Associate Professor of Surgery, Division of Cardiothoracic Surgery

INDUSTRY EXPERIENCE

- 2000-03 ARTHUR ANDERSEN/KPMG LLP, Los Angeles, CA – Senior Associate
Specialized in consulting services and advanced data analytics for the healthcare and government contracts industries.
- 2003-04 HURON CONSULTING GROUP, Los Angeles, CA – Associate
Part of a core team of professionals acquired to expand the Strategic and Operational Consulting practice into the Los Angeles market area.

ACADEMIC AND ADMINISTRATIVE ACTIVITIES

Administrative Positions and University Committees:

2009-14	Duke University Resident Leadership Council
2011-12	Duke University Health System Maestro Care Physician Advisory Committee – <i>Senior physician oversight committee for implementation of an enterprise-wide electronic health record system.</i>
2014-15	Duke University GME Patient Safety and Quality Council
2020 – Present	UNMC Surgical Director for Extracorporeal Life Support
2020 - Present	Physician Champion, UNMC Cardiogenic Shock Team (CST)
2021 - Present	Cardiothoracic Surgery representative for the Nebraska Biocontainment Unit

Active/Completed Clinical Trials:

OCS-CAR-03202019	Um, J (PI); Castleberry, AW (Co-I)	Period: 6/24/20 - 6/23/22
<p>Clinical Trial to Evaluate the Safety and effectiveness of the Portable Organ Care System (OCS) Heart for Resuscitation, Preservation, and Assessment of Hearts from Donors after Circulatory Death (DCD Heart Trial).</p> <p>The objective of this trial is to evaluate the effectiveness of the OCS Heart System to resuscitate, preserve and assess hearts donated after circulatory death for transplantation to increase the pool of donor hearts available for transplantation.</p>		
ABT-CIP-10273	Um, J (PI); Castleberry, AW (Co-I)	Period: 12/19/19 - 12/1/20
<p>Momentum 3 Pivotal Cohort Extended Follow-Up Post-Approval Study</p> <p>The objective of this PAS is to report the composite endpoint of survival to transplant, recovery, or LVAD support free of debilitating stroke or reoperation to replace the pump at 5-years post-implant in subjects who were implanted with the HM3 or HMII LVAS in the Momentum 3 IDE trial and are ongoing at the 2-year follow-up.</p>		
NCT04548128	Um, J (PI); Castleberry, AW (Co-I)	Period: 11/17/20 - 2/20/22
<p>Implantation of the HeartMate 3 in Subjects with Heart Failure using Surgical Techniques other than Full Median Sternotomy.</p> <p>The primary objective is to evaluate the implantation of the HM3 utilizing techniques other than full median sternotomy (e.g. thoracotomy) and impact on post-implant length of stay.</p>		
NCT05038943	Urban, M (PI); Castleberry AW (Co-I)	Period: 9/15/21 - 4/08/22
<p>Evaluation of Safety and Effectiveness of The SherpaPak in Donation After Circulatory Death Heart Transplantation.</p> <p>This is a prospective, pilot trial to evaluate the safety and effectiveness of The Paragonix SherpaPak™ Cardiac Transport System in transportation of cardiac allografts recovered from donors after circulatory death with thoracoabdominal normothermic regional perfusion (TA-NRP). SherpaPak™ CTS is an ultraportable hypothermic preservation and transport system that has been approved by United States</p>		

Food & Drug Administration (FDA) for clinical use in heart transplantation..

H O N O R S A N D A W A R D S

- 2000 Salutariorian, Hillsdale College, Graduating Class of 2000
- 2000 Academic All-American, First Team – *One of twelve students across the nation participating in NCAA Division II intercollegiate baseball to receive this honor in recognition of excellence in both academics and athletics.*
- 2000 NCAA Division II First Team All-Conference for Intercollegiate Baseball
- 2002 Completed the California Certified Public Accountant (CPA) examination
- 2003 KMPG LLP performance rating of Exceptional Performer, Category 1 – *The highest performance rating possible at this firm of over 100,000 professionals worldwide.*
- 2007 The American College of Chest Physicians Alfred Soffer Research Award
- 2008 Pittsburgh Surgical Society Senior Student Award
- 2009 University of Pittsburgh O'Malley Award for outstanding medical student research
- 2009-10 Outstanding First Year Resident Award
- 2009-10 “Appleseed” award for outstanding medical student teaching
- 2012 Best Clinical Research Paper from The Society of Surgical Oncology Annual Meeting
- 2012 Invited to the White House June 19, 2012 to join senior Obama Administration officials and fellow health care providers for a discussion on how health information technology can help improve care quality and patient health.
- 2012 Fuqua Scholar – *A distinction given by Fuqua School of Business to the top 10% of each graduating class.*
- 2020 America’s Best Doctors 2020
- 2022 Omaha Magazine Premiere Doctors 2022

P U B L I C A T I O N S

1. Richard SD, Krivak TC, Castleberry A, et al. Survival for stage IB cervical cancer with positive lymph node involvement: a comparison of completed vs. abandoned radical hysterectomy. *Gynecol Oncol.* 2008 Apr;109(1):43-8.
2. Castleberry AW, Geller DA, Tsung A. The pineapple upside-down liver cake (case report of a ruptured hepatic adenoma in a pelvic liver congenitally displaced secondary to an omphalocele). *Hepatology.* 2009 Jun;49(6):2113-4.
3. Castleberry AW, Smith D, Anderson C, Rotter AJ, Grannis FW Jr. Cost of a 5-year lung cancer survivor: symptomatic tumour identification vs proactive computed tomography screening. *Br J Cancer.* 2009 Sep 15;101(6):882-96.
4. Castleberry AW, Grannis FW. What is a reasonable cost to refute a preposterous hypothesis? *Br J Cancer.* 2010 Feb 2;102(3):627-8.

5. Castleberry AW and Hartwig MG. The trade-off of using positive-smoking donor lungs. *Semin Thorac Cardiovasc Surg*. 2012 Autumn;24(3):151-2.
6. Castleberry AW, White RR, De La Fuente SG, Clary BM, Blazer DG 3rd, McCann RL, Pappas TN, Tyler DS, Scarborough JE. The impact of vascular resection on early postoperative outcomes after pancreaticoduodenectomy: An analysis of the NSQIP database. *Ann Surg Oncol*. 2012 Dec;19(13):4068-77.
7. Barbas AS, Aparna R, Castleberry AW, Ellis MJ, Vikraman D, Ravindra K, Martin A, Brennan T, Collins B, and Sudan D. Posterior reversible encephalopathy syndrome independently associated with tacrolimus and sirolimus after multivisceral transplantation. *Am J Transplant*. 2013 Mar;13(3):808-10.
8. Castleberry AW, Turley RS, Hanna JM, Hopkins TJ, Barbas AS, Worni M, Mantyh CR, Migaly J. A 10-year longitudinal analysis of surgical management for acute ischemic colitis. *J Gastrointest Surg*. 2013 Apr;17(4):784-92.
9. Worni M, Castleberry AW, et al. Concomitant vascular reconstruction during pancreatectomy for malignant disease: A propensity score-adjusted, population-based trend analysis of 10,206 patients. *JAMA Surg*. 2013 Apr;148(4):331-8.
10. Shin J, Worni M, Castleberry AW, Pietrobon R, Omotosho PA, Silberberg M, Østbye T. The application of comorbidity indices to predict early postoperative outcomes after laparoscopic Roux-en-Y gastric bypass: a nationwide comparative analysis of over 70,000 cases. *Obes Surg*. 2013 May;23(5):638-49.
11. Berry MF, Zeyer-Brunner J, Castleberry AW, Martin JB, Gloor B, Pietrobon R, D'Amico TA, Worni M. Treatment Modalities for T1N0 Esophageal Cancers: A comparative analysis of local therapy vs. surgical resection. *J Thorac Oncol*. 2013 Jun;8(6):796-802.
12. Castleberry AW, Worni M, Osho AA, Snyder LD, Palmer SM, Peitrobon RS, Davis RD, Hartwig MG. Use of lung allografts from brain-dead donors after cardiopulmonary arrest and resuscitation. *Am J Respir Crit Care Med*. 2013 Aug 15;188(4):466-73.
13. Southerland KW, Castleberry AW, Ali AA, Williams JB, Daneshmand MA, Milano CA. Impact of donor cardiac arrest on heart transplantation. *Surgery*. 2013 Aug;154(2):312-9.
14. Castleberry AW, Worni M, Kuchibhatla M, Lin SS, Snyder LD, Shofer SL, Palmer SM, Pietrobon RS, Davis RD, and Hartwig MG. A comparative analysis of bronchial stricture after lung transplantation in recipients with and without early acute rejection. *Ann Thorac Surg*. 2013 Sep;96(3):1008-17.
15. Castleberry AW, Hartwig MG, Whitson, BA. Extracorporeal membrane oxygenation post lung transplantation. *Curr Opin Organ Transplant*. 2013 Oct;18(5):524-30.
16. Worni M, Guller U, White RR, Castleberry AW, Pietrobon R, Cerny T, Gloor B, Koeberle D. Modest improvement in overall survival for patients with metastatic pancreatic cancer: a trend analysis using the SEER registry from 1988 to 2008. *Pancreas*. 2013 Oct;42(7):1157-63.
17. Castleberry AW, Martin JT, Osho AA, Hartwig MG, Hashmi ZA, Zanotti G, Shaw LK, Williams JB, Lin SS, Davis RD. Coronary revascularization in lung transplant recipients with concomitant coronary artery disease. *Am J Transplant*. 2013 Nov;13(11):2978-88.
18. Shah A, Chao KS, Østbye T, Castleberry AW, Pietrobon RS, Gloor B, Clary BM, White RR, Worni M. Trends in racial disparities in pancreatic cancer surgery. *J Gastrointest Surg*. 2013 Nov;17(11):1897-906.
19. Castleberry AW, Clary BM, Migaly J, Worni M, Ferranti JM, Pappas TN, Scarborough JE. Resident Education in the Era of Patient Safety: A nationwide analysis of outcomes and complications in resident-assisted oncologic surgery. *Ann Surg Oncol*. 2013 Nov;20(12):3715-24.

20. Reddi DM, Barbas AS, Castleberry AW, Rege AS, Vikraman DS, Brennan TV, Ravindra KV, Collins BH, Sudan DL, Lagoo AS, and Martin AE. Liver transplantation in an adolescent with acute liver failure from acute lymphoblastic leukemia. *Pediatr Transplant*. 2014 Mar;18(2):E57-63.
21. Zanotti G, Hartwig MG, Castleberry AW, Martin JT, Shaw SK, Williams JB, Lin SS, and Davis RD. Preoperative mild-to-moderate coronary artery disease does not affect long-term outcomes of lung transplantation. *Transplantation*. 2014 May 27;97(10):1079-85.
22. Castleberry AW, Williams JB, Daneshmand MA, Honeycutt E, Shaw LK, Samad Z, Lopes RD, Alexander JH, Mathew JP, Velazquez EJ, Milano CA, Smith PK. Surgical revascularization is associated with maximal survival in patients with ischemic mitral regurgitation: a 20-year experience. *Circulation*. 2014 Jun 17;129(24):2547-56.
23. Castleberry AW, Güller U, Tarantino I, Berry MF, Brügger L, Warschkow R, Cerny T, Mantyh CR, Candinas D, Worni M. Discrete improvement in racial disparity in survival among patients with stage IV colorectal cancer: a 21-year population-based analysis. *J Gastrointest Surg*. 2014 Jun;18(6):1194-204.
24. Osho AA, Castleberry AW, Snyder LD, Ganapathi AM, Hirji S, Stafford-Smith M, Lin SS, Davis RD, Hartwig MG. Assessment of different threshold preoperative glomerular filtration rates as markers of outcomes in lung transplantation. *Ann Thorac Surg*. 2014 Jul;98(1):283-9.
25. Hanna JM, Turley R, Castleberry A, Hopkins T, Peterson AC, Mantyh C, Migaly J. Surgical management of complex rectourethral fistulas in irradiated and nonirradiated patients. *Dis Colon Rectum*. 2014 Sep;57(9):1105-12.
26. Worni M, Castleberry AW, Gloor B, Pietrobon R, Haney JC, D'Amico TA, Akushevich A, Berry MF. Trends and outcomes in the use of surgery and radiation for the treatment of locally advanced esophageal cancer: a propensity score adjusted analysis of the surveillance, epidemiology, and end results registry from 1998 to 2008. *Dis Esophagus*. 2014 Sep-Oct;27(7):662-9.
27. Ganapathi AM, Hanna JM, Schechter MA, Englum BR, Castleberry AW, Gaca JG, Hughes GC. Antegrade versus retrograde cerebral perfusion for hemiarch replacement with deep hypothermic circulatory arrest: Does it matter? A propensity-matched analysis. *J Thorac Cardiovasc Surg*. 2014 Dec;148(6):2896-902.
28. Osho AA, Castleberry AW, Snyder LD, Palmer SM, Stafford-Smith M, Lin SS, Duane Davis R, Hartwig MG. The Chronic Kidney Disease Epidemiology Collaboration (CKDEPI) equation best characterizes kidney function in patients being considered for lung transplantation. *J Heart Lung Transplant*. 2014 Dec;33(12):1248-54.
29. Ganapathi AM, Speicher PJ, Castleberry AW, Englum BR, Osho AA, Davis RD, Hartwig MG. The effect of prior pneumonectomy or lobectomy on subsequent lung transplantation. *Ann Thorac Surg*. 2014 Dec;98(6):1922-9.
30. Osho AA, Castleberry AW, Snyder LD, Palmer SM, Ganapathi AM, Hirji SA, Lin SS, Davis RD, Hartwig MG. Differential outcomes with early and late repeat transplantation in the era of the lung allocation score. *Ann Thorac Surg*. 2014 Dec;98(6):1914-21.
31. Ganapathi AM, Speicher PJ, Englum BR, Castleberry AW, Migaly J, Hsu DS, Mantyh CR. Adjuvant chemotherapy for T1 node positive colon cancers provides significant survival benefit. *Dis Col Rectum*. 2014 Dec;57(12):1341-8.
32. Hauck J, Osho A, Castleberry A, Hartwig M, Reddy L, Phillips-Bute B, Swaminathan M, Mathew J, Stafford-Smith M. Acute kidney injury after ex vivo lung perfusion (re). *Transplant Proc*. 2014 Dec;46(10):3598-602.

33. Speicher PJ, Ganapathi AM, Englum BR, Gulack BC, Osho AA, Hirji SA, Castleberry AW, Snyder LD, Davis RD, Hartwig MG. Single-lung transplantation in the United States: what happens to the other lung? *J Heart Lung Transplant*. 2015 Jan;34(1):36-42.
34. Castleberry AW, Williams JB, Daneshmand MA, Honeycutt E, Shaw LK, Samad Z, Lopes RD, Alexander JH, Mathew JP, Velazquez EJ, Milano CA, Smith PK. Response to letter regarding article, "Surgical revascularization is associated with maximal survival in patients with ischemic mitral regurgitation: a 20-year experience". *Circulation*. 2015 Mar 17;131(11):e378-9.
35. Osho AA, Castleberry AW, Snyder LD, Ganapathi AM, Speicher PJ, Hirji SA, Stafford-Smith M, Daneshmand MA, Davis RD, Hartwig MG. Determining eligibility for lung transplantation: A nationwide assessment of the cutoff glomerular filtration rate. *J Heart Lung Transplant*. 2015 Apr;34(4):571-9.
36. Gulack BC, Englum BR, Castleberry AW, Daneshmand MA, Smith PK, Perrault LP. Repair or observe moderate ischemic mitral regurgitation during coronary artery bypass grafting? Prospective randomized multicenter data. *Ann Cardiothorac Surg*. *Ann Cardiothorac Surg*. 2015 May;4(3):266-72.
37. Castleberry AW, Englum BR, Snyder LD, Worni M, Osho AA, Gulack BC, Palmer SM, Davis RD, Hartwig MG. The utility of preoperative six-minute-walk distance in lung transplantation. *Am J Respir Crit Care Med*. 2015 Oct 1;192(7):843-52.
38. Castleberry AW, DeVore AD, Southerland KW, Meza JM, Irish WD, Rogers JG, Milano CA, and Patel CB. Assessing consequences of intra-aortic balloon counterpulsation vs. left ventricular assist devices at the time of heart transplantation. *ASAIO J*. 2016 May-Jun;62(3):232-9.
39. Rege A, Irish B, Castleberry A, Vikraman D, Sanoff S, Ravindra K, Collins B, Sudan D. Use in Usage and Outcomes for Expanded Criteria Donor Kidney Transplantation in the United States Characterized by Kidney Donor Profile Index. *Cureus*. 2016 Nov 22;8(11):e887.
40. Castleberry AW, Bishawi M, Worni M, Erhunmwunsee L, Speicher PJ, Osho AA, Snyder LD, Davis RD, and Hartwig MG. Medication non-adherence following lung transplantation in adult recipients. *Ann Thorac Surg*. 2017 Jan;103(1):274-280
41. Osho AA, Hirji SA, Castleberry AW, Mulvihill MS, Ganapathi AM, Speicher PJ, Yerokun B, Snyder LD, Davis RD, Hartwig MG. Long-term survival following kidney transplantation in previous lung transplant recipients-An analysis of the unos registry. *Clin Transplant*. 2017 May;31(5).
42. Osho AA, Castleberry AW, Yerokun BA, Mulvihill MS, Snyder LD, Davis RD, and Hartwig MG. Clinical predictors and outcome implications of early readmission in lung transplant recipients. *J Heart Lung Transplant*. 2017 May;36(5):546-553
43. Lidsky ME, Speicher PJ, Ezekian B, Holt EW, Nussbaum DP, Castleberry AW, Perez A, Pappas TN. Subtotal cholecystectomy for the hostile gallbladder: failure to control the cystic duct results in significant morbidity. *HPB (Oxford)*. 2017 Jun;19(6):547-556.
44. McCartney SL, Cooter M, Samad Z, Sivak J, Castleberry A, Gregory S, Haney J, Hartwig M, Swaminathan M. Mitral Regurgitation After Orthotopic Lung Transplantation: Natural History and Impact on Outcomes. *J Cardiothorac Vasc Anesth*. 2017 Jun;31(3):924-930.
45. Castleberry A, Mulvihill MS, Yerokun BA, Gulack BC, Englum BR, Snyder LD, Worni M, Osho AA, Palmer SA, Davis RD, Hartwig MG. The Utility of Six-Minute Walk Distance in Predicting Waitlist Mortality for Lung Transplant Candidates. *J Heart Lung Transplant*. 2017 Jul;36(7):780-786.

46. Barac YD, Megna DJ, Castleberry AW, Schroder JN, Daneshmand MA, Rogers JG, Patel CB, Nicora A, Milano CA. Transplanting a Heart with a Persistent Left Superior Vena Cava. *J Thorac Cardiovasc Surg.* 2019 Feb;157(2):630-631.
47. Bishawi M, Zanotti G, Shaw L, MacKenzie M, Castleberry A, Bartels K, Schroder J, Velazquez E, Swaminathan M, Rogers J, Milano C. Tricuspid Valve Regurgitation (TR) Immediately After Heart Transplant and Long Term Outcomes. *Ann Thorac Surg.* 2019 May;107(5):1348-1355.
48. Barac YD, Castleberry AW, Patel CB, McCartney S, Schroder JN. Aortic Valve Ring-Annuloplasty – a novel treatment option for Left Ventricular Assist Device patients with Aortic valve regurgitation. *J Thorac Cardiovasc Surg.* 2019 Jun;157(6):e381-e383.
49. Urban M, Siddique A, Moulton MM, Castleberry AW, Merritt-Genore H, Ryan T, Lowes B, Um J. Can We Expect Improvements in Outcomes with Centrifugal Versus Axial-Flow Left Ventricular Assist Devices in Patients Transitioned from Extracorporeal Life Support? *J Card Surg.* *J Card Surg.* 2019 Nov;34(11):1228-1234.
50. Asawaer M, Sajid Kadir S, Albulushi A, Hyden MP, Um JY, Castleberry AW, Chatzizisis YS. Left Ventricular Assist Device Outflow Cannula Obstruction: Importance of Multimodality Imaging. *JACC Case Rep.* 2020 Aug;2(10):1454-6.
51. Barbaro RP, MacLaren G, Boonstra PS, Iwashyna TJ, Slutsky AS, Fan E, Bartlett RH, Tonna JE, Hyslop R, Fanning JJ, Rycus PT, Hyer SJ, Anders MM, Agerstrand CL, Hryniewicz K, Diaz R, Lorusso R, Combes A, Brodie D; Extracorporeal Life Support Organization (Castleberry AW collaborator). Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. *Lancet.* 2020 Oct 10;396(10257):1071-1078.
52. Alonso W, Ryan TR, Lundgren SW, Tlusty G, Castleberry AW, Pozehl BJ. Clinicians Call for Post- Left Ventricular Assist Device Implantation Physical Activity Guidelines. *ASAIO J.* 2021 Oct 1;67(10):e166-e168.
53. Urban M, Castleberry AW, Duncan KF, Markin NW, Chacon MM, Siddique A, Robertson R, Merani S, Um JY. Thoracoabdominal Normothermic Perfusion in Donation after Circulatory Death. *Ann Thorac Surg.* 2021 Oct 8:S0003-4975(21)01695-7.
54. Urban, M, Castleberry AW, Markin NW, Chacon MM, Strah HM, Um JY, Berkheim D, Merani S, Siddique M. Successful lung transplantation with graft recovered after thoracoabdominal normothermic perfusion from donor after circulatory death. *Am J Transplant.* 2022 Jan;22(1):294-298.
55. Merani S, Urban M, Um JY, Maskin A, Vargas LM, Castleberry AW, Mercer DF, Grant W, Langnas AN. A North American single-center experience with liver transplantation using thoracoabdominal normothermic regional perfusion for donation after circulatory Death. *Am J Transplant.* 2022 Feb;22(2):666-668.
56. Urban M, Bishawi M, Castleberry AW, Markin NW, Chacon MM, Um JY, Siddique A. Novel Use of Mobile Ex-Vivo Lung Perfusion in Donation After Circulatory Death Lung Transplantation. *Prog Transplant.* 2022 Mar 11;15269248221087437
57. Markin NW, Chacon MM, Castleberry AW, Fristoe L, Lowes BD, Um JY, Urban M. Cardiac function unchanged following Reanimation with Normothermic Regional Perfusion in Donation after Circulatory Death. *JTCVS Tech.* 2022 Aug 7;15:136-143.
58. Boudreaux JC, Urban M, Castleberry AW, Um JY, Moulton MJ, Siddique A. In a large-volume multidisciplinary setting individual surgeon volume does not impact LVAD outcomes. *J Card Surg.* 2022 Oct;37(10):3290-3299.

59. Brown KN, [Castleberry A](#), Velagapudi P. Insertion, Maintenance, and Removal of the Percutaneous Dual Lumen Cannula Right Ventricular Assist Device. *J Vis Exp*. 2022 Jul 20;(185).
60. Urban M, Moody M, Lyden E, Kinen L, [Castleberry AW](#), Siddique A, Lowes BD, Stoller DA, Lungren SW, Um JY. Impact of donation after circulatory death heart transplantation on waitlist outcomes and transplantation activity. *Clin Transplant*. 2023 May;37(5):e14942.
61. Siddique A, [Castleberry A](#), Thompson J, Yetman A. Letter to the editor: Should a Multi-disciplinary Aortic Team be considered standard in cardiovascular medicine? *JACC Adv*. 2023 May, 2 (3) 100321.
62. Boudreaux JC, Urban M, Thompson SL, [Castleberry AW](#), Moulton MJ, Siddique A. Does Tracheostomy Improve Outcomes in Those Receiving Venovenous Extracorporeal Membrane Oxygenation? *ASAIO J*. 2023 Jun 1;69(6):e240-e247.
63. Urban M, [Castleberry AW](#), Siddique A, Lowes BD, Stoller DA, Lundgren SW, Um JY. Utilization of Paragonix Sherpak Cardiac Transport System for the Preservation of Donor Hearts After Circulatory Death. *Transplant Proc*. 2023 Sep 20:S0041-1345(23)00557-2.
64. Mitra A, [Castleberry A](#), Urban M, Siddique A. Does concomitant tricuspid valve intervention at the time of LVAD placement for patients with significant tricuspid regurgitation lead to improved outcomes compared to isolated LVAD placement? *Interdiscip Cardiovasc Thorac Surg*. 2024 Feb 2;38(2):ivae005.
65. Urban M, Ryan TR, Um JY, Siddique A, Castleberry AW, Lowes BD. Financial impact of donation after circulatory death heart transplantation: A single-center analysis. *Clin Transplant*. 2024 Apr;38(4):e15296.

B O O K C H A P T E R S

Yaron Barac, [Anthony Castleberry](#), Jacob Schroder and Sebastian V. Rojas. Oxford Specialist Handbook: Cardiopulmonary Transplantation and Mechanical Circulatory Support. Chapter 14 Extended criterial heart donors and perfusion storage. Oxford University Press (December 15, 2022).

A B S T R A C T P R E S E N T A T I O N S (O R A L & P O S T E R)

1. [Castleberry AW](#), Smith D, Anderson C, Rotter AJ, Grannis FW Jr. Cost of a Five-Year Lung Cancer Survivor: Symptom-detected Versus Proactive Screening in a Multivariable Analysis of Over 700 Scenarios. CHEST Annual Conference. Oct 2007 (Oral).
2. [Castleberry AW](#), White RR, De La Fuente SG, Pappas TN, Tyler DS, Scarborough JE. The Impact of Vascular Reconstruction on Early Postoperative Outcomes After Pancreaticoduodenectomy: An Analysis of the ACS-NSQIP Database. The American Society of Clinical Oncology Gastrointestinal Cancers Symposium, January 2012; and Society of Surgical Oncology, March 2012 (Oral).
3. Zanotti G, Hartwig MG, [Castleberry AW](#), Martin JT, Hashmi ZA, Horvath M, Lin SS, Davis RD. Preoperative mild to moderate coronary artery disease does not affect long-term outcomes of lung transplantation. International Society for Heart and Lung Transplantation: 32nd Annual Meeting and Scientific Sessions. April 2012 (Oral).
4. Martin JT, Hartwig MG, Hashmi ZA, [Castleberry AW](#), Zanotti G, Shaw LK, Williams JB, Lin SS, Reddy SL, Davis RD. Coronary Revascularization in Lung Transplant Recipients with Concomitant Coronary Artery Disease. International Society for Heart and Lung Transplantation: 32nd Annual Meeting and Scientific Sessions. April 2012 (Oral).

5. Hartwig MG, Hashmi ZA, Albon D, Martin JT, Castleberry AW, Snyder LD, Palmer SM, Lin SS, Davis RD. Lung Transplantation is an Effective Treatment Option for Patients Over the Age of 70. International Society for Heart and Lung Transplantation: 32nd Annual Meeting and Scientific Sessions. April 2012 (Oral).
6. Castleberry AW, Pietrobon RS, Worni M, Kuchibhatla M, Lin SS, Shofer SL, Snyder LD, Palmer SM, Davis RD, and Hartwig MG. The Impact Of Early Acute Rejection On The Incidence Of Bronchial Stricture Following Lung Transplantation: A 17-Year Longitudinal Analysis Of The UNOS Database. Southern Thoracic Surgery Association Annual Meeting. November 2012 (Oral).
7. Southerland KW, Castleberry AW, Mack M, Williams JB, Daneshmand M, Milano CA. Impact of Donor Cardiac Arrest on Heart Transplantation. Academic Surgical Congress Annual Meeting. February 2013 (Oral).
8. Castleberry AW, Patel CB, DeVore AD, Southerland KW, Rogers JG, Milano CA. Mortality Differences After Heart Transplantation in Patients Bridged with Balloon Pumps vs. Left Ventricular Assist Devices. International Society for Heart and Lung Transplantation: 33rd Annual Meeting and Scientific Sessions. April 2013 (Oral).
9. Castleberry AW, Englum BR, Snyder LD, Worni M, MD, Osho AA, Pietrobon RS, Palmer SM, Davis RD, Hartwig MG. Utility of Six-Minute Walk Distance in Predicting Outcomes Following Lung Transplantation: A Nationwide Survival Analysis. International Society for Heart and Lung Transplantation: 33rd Annual Meeting and Scientific Sessions. April 2013 (Oral).
10. Castleberry AW, Speicher PJ, Worni M, MD, Osho AA, Snyder LD, Gandy KL, Pietrobon RS, Davis RD, Hartwig MG. Socioeconomic Disparities Associated with Medication Non-adherence Following Lung Transplantation in Adult Recipients. International Society for Heart and Lung Transplantation: 33rd Annual Meeting and Scientific Sessions. April 2013 (Oral).
11. Osho AA, Castleberry AW, Snyder LD, Palmer SM, Lin SS, Davis RD, Hartwig MG. Outcomes in Lung Transplantation: The RIFLE Classification Optimizes the Predictive Utility of Post-Transplant Acute Kidney Injury as a Determinant of Early and Late Outcomes. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).
12. Barbas AS, Irish W, Castleberry AW, Ravindra K, Collins B, Sudan DL, Vikraman D. Outcomes of Simultaneous Liver-Kidney Transplantation from DCD Organ Donors. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).
13. Ravindra K, Irish W, Vikraman D, Castleberry AW, Barbas AS, Sanoff S, Patel U, Ellis MJ, Sudan DL. Impact of Recipient BMI: Implications for ECD Renal Transplantation. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).
14. Castleberry AW, Englum BR, Snyder LD, Worni M, Osho AA, Pietrobon RS, Palmer SM, Davis RD, Hartwig MG. The Utility of Six-Minute Walk Distance in Predicting Waitlist Mortality for Lung Transplant Candidates. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).
15. Castleberry AW, Ravindra K, Vikraman D, Worni M, Barbas AS, Englum BR, Ellis MJ, Irish W, Sudan DL. Trends in Usage and Outcomes for Expanded Criteria Donor Kidney Transplantation. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).
16. Castleberry AW, Speicher P, Worni M, Snyder LD, Osho AA, Pietrobon RS, Palmer SM, Davis RD, Hartwig MG. Lung Transplant with Allografts from Donors with a History of Smoking: A Nationwide Analysis of Usage and Outcomes. American Transplant Congress, 13th Annual Meeting. May 2013 (Oral).

17. Ganapathi AM, Englum BR, Hanna JM, Schechter MA, Castleberry AW, Wolfe WG, Koweek LM, Gaca JG, Hughes CG. Modeling Frailty and Risk in Proximal Aortic Surgery. Annual Meeting of the Western Thoracic Surgical Association 2013 (Oral).
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19. Ganapathi AM, Hanna JM, Schechter MA, Englum BR, Castleberry AW, Gaca JG, Hughes GC. Antegrade Versus Retrograde Cerebral Perfusion for Hemi-Arch Replacement Utilizing DHCA: Does it Matter? A Propensity-Matched Analysis. Southern Thoracic Surgery Association Annual Meeting. November 2013 (Oral).
20. Osho AA, Castleberry AW, Synder LD, Palmer SM, Lin SS, Davis RD, Hartwig MG. Determining Eligibility For Lung Transplantation: Should There Be a Minimum Acceptable Glomerular Filtration Rate (GFR)? Southern Thoracic Surgery Association Annual Meeting. November 2013 (Oral).
21. Osho AA, Castleberry AW, Snyder LD, Hirji S, Palmer SM, Lin SS, Davis RD, Hartwig MG. Differential Survival for Early and Late Lung Re-Transplantation Since Implementation of the Lung Allocation Score. The Society of Thoracic Surgeons 50th Annual Meeting. January 2014 (Oral).
22. Ganapathi AM, Castleberry AW, Speicher PJ, Englum BR, Osho AA, Lin SS, Davis RD, Hartwig MG. The Effect of Prior Pneumonectomy or Lobectomy on Subsequent Lung Transplantation. The Society of Thoracic Surgeons 50th Annual Meeting. January 2014 (Oral).
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24. Haney JC, Ganapathi AM, Englum BR, Speicher PJ, Gulack BC, Osho AA, Castleberry AW, Davis RD, Hartwig MG. Donor Diabetes and Lung Transplant: Does It Matter? International Society for Heart and Lung Transplantation: 34th Annual Meeting and Scientific Sessions. April 2014 (Oral).
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28. Ganapathi AM, Englum BR, Speicher PJ, Castleberry AW, Thacker JK, Mantyh CR, Migaly J. The Effect of Surgical Approach on the Use of Adjuvant Chemotherapy Following Low Anterior Resection for Rectal Cancer. Digestive Disease Week. May 2014 (Oral).
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33. Bishawi M, Osho A, Ganapathi A, Castleberry A, Mulvihill MS, Schroder J, Daneshmand M, Patel C, Rogers J, Milano C, Hartwig MG. Hospital variability in post heart transplant mortality can be attributed to difference in failure to rescue. American Association For Thoracic Surgery 98th Annual Meeting, April 2018 (Oral).
34. Castleberry AW, Smith D, Anderson C, Rotter AJ, Grannis FW Jr. Lung Cancer Treatment Strategies: A comparison of the cost per five-year survivor for late detection multimodality salvage vs. proactive screening. 13th International Conference on Lung Cancer Screening, Oct 2005 (Poster).
35. Castleberry AW, Beriwal S, Zorn KK, et al. Impact of Race on Outcomes in Cervical and Vaginal Cancer. The Society of Gynecologic Oncologists Annual Meeting, March 2007 (Poster).
36. Grannis FW, Rotter AJ, Wisnivesky J, Castleberry AW. Is there “a large reservoir of ‘resting’ lung cancers” in the U.S. population? 16th International Conference on Screening for Lung Cancer, April 2007 (Poster).
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39. Castleberry AW, Turley RS, Hanna JM, Hopkins TJ, Barbas AS, Worni M, Mantyh CR, Migaly J. Lessons Learned in Surgical Management of Ischemic Colitis Over a Ten-Year Period at a Tertiary Care Center. American Society of Colon & Rectal Surgeons Annual Meeting. June 2012 (Poster).
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42. Osho AA, Castleberry AW, Snyder LD, Palmer SM, Lin SS, Davis RD, Hartwig MG. Clinical Predictors and Outcome Implications of 30-Day Hospital Readmission in Lung Transplant Recipients. International Society for Heart and Lung Transplantation: 33rd Annual Meeting and Scientific Sessions. April 2013 (Poster).

43. Osho AA, Castleberry AW, Snyder LD, Palmer SM, Lin SS, Davis RD, Hartwig MG. Optimizing the Estimation of Renal Function in Lung Transplant Candidates. International Society for Heart and Lung Transplantation: 33rd Annual Meeting and Scientific Sessions. April 2013 (Poster).
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45. Hanna J, Castleberry A, Thacker J, Mantyh C, Migaly J. Prognostic Importance of Number of Dissected Lymph Nodes After Induction Chemoradiation For Rectal Cancer. American Society of Colon & Rectal Surgeons Annual Meeting. April 2013 (Poster).
46. Hartwig MG, Osho AA, Hirji S, Castleberry AW, Ganapathi AM, Lin SS, Davis RD. Cryoanalgesia Complements Thoracic Epidural Use Following Lung Transplantation. International Society for Heart and Lung Transplantation: 34th Annual Meeting and Scientific Sessions. April 2014 (Poster).
47. Englum BR, Speicher PJ, Ganapathi AM, Castleberry AW, Thacker JK, Mantyh CR, Migaly J. Optimizing the utilization of adjuvant chemotherapy following surgical resection of colon cancer: a comparison of laparoscopic versus open approach. Digestive Disease Week. May 2014 (Poster).
48. Lidsky ME, Nussbaum DP, Castleberry AW, Perez A, Pappas TN. Subtotal Cholecystectomy for the Hostile Gallbladder. Americas Hepato-Pancreato-Biliary Association Annual Meeting. March 2015 (Poster).
49. Spaete JP, Castleberry AW, Stinnett SS, Blazer DG III, Burbridge RA. Endoscopic Ultrasound (EUS): an Additional Tool for the Diagnosis and Treatment of Retroperitoneal Cysts. Digestive Disease Week (DDW) Annual Meeting. May 2015 (Poster).
50. Ganapathi AM, Gulack BC, Osho AA, Castleberry AW, Davis RD, Snyder LD, and Hartwig MG. Lung Transplantation From Donors with Kidney Disease. American Transplant Congress. May 2015 (Poster).
51. Asawaer M, Sadiq A, Barton D, Castleberry AW, O'Leary E. Concomitant Transcatheter Aortic Valve Replacement and Left Main Coronary Intervention in the Era of Mechanical Support. Transcatheter Cardiovascular Therapeutics Annual Meeting. September 2019 (Poster).
52. Boudreaux JC, Urban M, Castleberry AW, Um JY, Moulton MJ, Siddique A. Impact of Individual Surgeon Volume on Outcomes Following LVAD Implantation. International Society for Heart and Lung Transplantation: 41st Annual Meeting and Scientific Sessions. April 2021 (Poster)
53. Markin NW, Chacon, MM, Urban M, Castleberry AW, Fristoe L, Lowes B, Um J. Lance Fristoe, Brian Lowes, John Um. Echocardiographic Evaluation of Donor Cardiac Structure and Function Following Reanimation Using Normothermic Regional Perfusion in Donation After Circulatory Death. American Heart Association's annual Scientific Sessions. November 2021 (Poster)
54. Carcora Y, Airhart, SE, Day JE, Christophy AC, Emerson D, Raymer D, Shaffer AW, Castleberry AW, Hyden MP, Sun B, Mudy K, Alexy T. Invasive and non-invasive assessment of arterial blood oxygenation saturation in patients with continuous flow LVAD: Is there a correlation? Heart Failure Society of America (HFSA) Annual Scientific Meeting. September 2021 (Poster)
55. Urban M, Castleberry AW, Markin NW, Chacon MM, Siddique A, Um JY. Evaluation of Safety and Effectiveness of the Paragonix™ SherpaPak Cardiac Transport System in Donation After Circulatory Death Heart Transplantation (clinicaltrials.gov Identifier: Nct05038943). International Society for Heart And Lung Transplantation 42nd Annual Meeting. April 2022 (Poster).

56. Urban M, Castleberry AW, Markin NW, Chacon MM, Siddique A, Um JY. Early Outcomes of Donation After Circulatory Death Heart Transplantation with Thoracoabdominal Normothermic Regional Perfusion. International Society for Heart And Lung Transplantation 42nd Annual Meeting. April 2022 (Oral).
57. Urban M, Lowes B, Lundgren S, Moody M, Kinen LS, Castleberry AW, Um JY. Impact of Donation after Circulatory Death Heart Transplantation on Waitlist Outcomes and Transplantation Activity. The International Society for Heart And Lung Transplantation 42nd Annual Meeting. April 2022 (Oral).
58. Urban M, Siddique A, Castleberry AW, Um JY, Marani S. Donor Organ Utilization and Transplantation Outcomes in Donation After Circulatory Death using Thoracoabdominal Normothermic Regional Perfusion. 2022 American Transplant Congress. June 2022 (Oral).
59. Newlun M, Castleberry A, Velagapudi P. An Insidious Catheter-related Atrial Thrombus and its Associated Complications. 72nd Annual Scientific Session of the American College of Cardiology Together With WCC (ACC.23/WCC). March 2023 (Poster).
60. Carcora Y, Pusalavidyasagar S, Airhart SE, Kay JE, Christophy AC, Emerson D, Raymer D, Shaffer AW, Castleberry AW, Hyden MP, Sun B, Mudy K, Alexy T. Home sleep apnea testing in patients with LVAD: Is it feasible? 37th Annual Meeting of the Associated Professional Sleep Societies. June 2023 (Oral).

I N V I T E D L E C T U R E S / E D U C A T I O N

1. Frontiers in Heart Failure Therapy: A Midwestern Symposium: “Ambulatory Strategies for Balloon Pump and Temporary Ventricular Assist Support”. 8/23/2019; Omaha, NE.
2. University of Nebraska General Surgery Grand Rounds: “The Employment of Clinical Intelligence, Data Analytics, and Informatics for Surgical Research”. 11/06/2019; Omaha, NE
3. University of Nebraska Cardiology Grand Rounds: “The Employment of Clinical Intelligence, Data Analytics, and Informatics for Cardiovascular Research”. 1/15/2020; Omaha, NE
4. Abbott Joint Educational Program Part 1: Treatment of Class III/IV Heart Failure with Advanced Technologies at Nebraska Medicine: “Durable LVAD Implantation; What/How/Where”. 1/20/2021; Virtual
5. Abbott Joint Educational Program Part 2: Advanced Heart Failure Strategies at Nebraska Medicine: A Case Study Approach: “Cardiac replacement therapy – The long, hard road”. 6/22/2021; Virtual
6. 17th Annual Fall Midwest Thoracic & GI Oncology Conference: “Indication for the Use of Extracorporeal Membrane Oxygenation in Thoracic Oncology Patients”. 10/27/2022; Omaha, NE.
7. Grand Rounds at Myrtue Medical Center: “The Pathophysiology, Treatment, and Comprehensive, Multi-Disciplinary Approach to Complex Aortic Disease”. 1/26/2023; Harlan, IA
8. 2023 Heart and Vascular Conference | *State of the Heart*: “Mechanical Circulatory Support in Cardiogenic Shock”. 9/29/2023; Omaha, NE

E D I T O R I A L R E V I E W

Reviewer for the Journal of Cardiac Surgery

Ad hoc reviewer for the Journal of Heart and Lung Transplantation.

Ad hoc reviewer for Artificial Organs

P R O F E S S I O N A L O R G A N I Z A T I O N S

International Society of Heart and Lung Transplantation

The Society of Thoracic Surgeons

The American College of Surgeons

P E R S O N A L I N F O R M A T I O N

Marital status: Married

Spouse: Angela K. Bolz

Children: 3

Hobbies & Interests:

Participated in varsity basketball, baseball, and football in high-school, NCAA Division II baseball in college, and continue to enjoy these sports in a recreational capacity. Additionally, enjoy a variety of outdoor activities including hiking, surfing, snowboarding and fly-fishing. Mostly enjoy family activities with my wife, our two sons and daughter.