

General Surgery Resident Peer-Reviewed Publications July 2021 to Present
University of Cincinnati College of Medicine

[Bold indicates resident.]

1. Acker SN, Ziogas IA, Cost N, Cooper E, **Farooqui Z**, ... **Carter MM**, **Hartman SJ**, Kotagal M. Association of systemic inflammatory markers and clinical outcomes among children with Wilms tumor. *Pediatr Blood Cancer*. 2025 Jul;72(7):e31715. PMID: 40215079
2. Ahmed HF, Guzman-Gomez A, **Kulshrestha K**, et al. Reality of DCD donor use in pediatric thoracic transplantation in the United States. *J Heart Lung Transplant*. 2024 Jan;43(1):32-35. PMID: 37619643
3. Ahmed HF, **Kulshrestha K**, Hogue S, et al. A global experience of donation after circulatory death for pediatric lung transplantation. *Ann Am Thorac Soc*. 2025 Jan;22(1):112-120. PMID: 39405100
4. Ahmed HF, **Kulshrestha K**, Kennedy JT, et al. Donation after circulatory death significantly reduces waitlist times while not changing post-heart transplant outcomes: A United Network for Organ Sharing analysis. *J Heart Lung Transplant*. 2024 Mar;43(3):461-470. PMID: 37863451
5. Al-Hadidi A, Rinehardt HN, Sutthatar P, ... **Johnston ME 2nd**, et al. Incidence and management of pleural effusions in patients with Wilms tumor: A Pediatric Surgical Oncology Research Collaborative study. *Int J Cancer*. 2022 Nov 15;151(10):1696-1702. PMID: 35748343
6. **Ammann AM**, **Cortez AR**, **Vaysburg DM**, **Winer LK**, Sussman JJ, Ahmed HF, **Thangappan K**, et al. Endocarditis in bovine vein grafts in the pulmonary position placed surgically & percutaneously. *World J Pediatr Congenit Heart Surg*. 2022 Mar;13(2):155-165. PMID: 35238702
7. **Ammann AM**, **Cortez AR**, **Vaysburg DM**, **Winer LK**, et al. Examining the impact of COVID-19 restrictions on the operative volumes of US general surgery residents. *Surgery*. 2022 Feb;171(2):354-359. PMID: 34247838
8. **Ammann AM**, **Delman AM**, Bethi M, **Turner KM**, Sedaghat AR, Holm TM. Gender disparities in academic productivity and promotion among endocrine surgery faculty. *J Surg Res*. 2022 Sep;277:335-341. PMID: 35561649
9. **Ammann AM**, **Pratt CG**, Lewis JD, et al. Breast infections: A review of current literature. Review. *Am J Surg*. 2024 Feb;228:78-82. PMID: 37949727
10. **Ammann AM**, **Wallen TE**, **Delman AM**, **Turner KM**, et al. Low volume blood product transfusion patterns and ratios after injury. *Am J Surg*. 2022 Nov;224(5):1319-1323. PMID: 35781374
11. **Amman AM**, Wolfe V, Piraino G, et al. Humanin-G ameliorates hemorrhage-induced acute lung injury in mice through AMPK α 1-dependent and independent mechanisms. *Biomedicines*. 2024 Nov 15;12:2615. PMID: 39595179
12. Balasundaram N, **Whitrock JN**, Braet DJ, et al. Importance of the profunda femoris upon patency following aortoiliac procedures. *J Vasc Surg*. 2022 Jul;76(1):180-187.e3. PMID: 35276269
13. **Baucom MR**, **Price AD**, England L, et al. Murine traumatic brain injury model comparison: Closed head injury versus controlled cortical impact. *J Surg Res*. 2024 Apr;296:230-238. PMID: 38295710
14. **Baucom MR**, **Price AD**, Weissman N, et al. Desmopressin, misoprostol, nor carboprost affect platelet aggregability following traumatic brain injury and aspirin. *J Surg Res*. 2024 Apr;296:643-653. PMID: 38359679
15. **Baucom MR**, **Price AD**, **Whitrock JN**, et al. Need for blood transfusion volume is associated with increased mortality in severe traumatic brain injury. *J Surg Res*. 2024 Sep;301:163-171. PMID: 38936245
16. **Baucom MR**, **Wallen TE**, **Ammann AM**, et al. Blood component resuscitative strategies to mitigate endotheliopathy in a murine hemorrhagic shock model. *J Trauma Acute Care Surg*. 2023 Jul 1;95(1):21-29. PMID: 37012625
17. **Baucom MR**, **Wallen TE**, **Price AD**, et al. Validation of preload assessment technologies at altitude in a porcine model of hemorrhage. *J Surg Res*. 2024 Mar;295:631-640. PMID: 38101109

18. **Baucom MR, Wallen TE, Price AD, et al.** Predictive value of early inflammatory markers in trauma patients based on transfusion status. *J Surg Res.* 2023 Nov;291:691-699. PMID: 37562231
19. **Baucom MR, Wallen TE, Singer KE, et al.** Postinjury treatment to mitigate the effects of aeromedical evacuation after traumatic brain injury in a porcine model. *J Surg Res.* 2022 Nov;279:352-360. PMID: 35810552
20. **Baucom MR, Weissman N, Price AD, et al.** Syndecan-1 as the effect or effector of the endothelial inflammatory response? *J Surg Res.* 2024 Mar;295:611-618. PMID: 38096775
21. **Becker ER, Chae RC, Price AD, Wattley LJ, et al.** Under pressure: Rapid infusion of stored whole blood alters coagulation parameters. *J Surg Res.* 2025 Nov;315:381-389. PMID: 41075392
22. **Becker ER, Pratt CG, Whitrock JN, Price AD, Rubadeux DW, Wetmore GC, Goodman MD.** Early hypercalcemia is associated with mortality in critically ill, transfused trauma patients. *J Surg Res.* 2025 Nov;315:991-996. PMID: 41232245
23. **Becker ER, Price AD, Barth J, et al.** External validation of predictors of mortality in polytrauma patients. *J Surg Res.* 2024 Sep;301:618-622. PMID: 39094520
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26. **Becker ER, Price AD, Wetmore GC, et al.** Dynamics of circulating endothelial injury markers following kidney transplantation. *J Surg Res.* 2025 Sep;313:297-304. PMID: 40680597
27. **Becker ER, Price AD, Wetmore GC, et al.** Inflammatory cytokines outperform endotheliopathy markers as early predictors of mortality in trauma. *J Surg Res.* 2025 Sep;313:305-314. PMID: 40680598
28. **Becker ER, Price AD, Whitrock JN, Smith M, Baucom MR, et al.** Re-evaluating the use of high sensitivity troponin to diagnose blunt cardiac injury. *J Surg Res.* 2024 Aug;300:150-156. PMID: 38815513
29. **Becker ER, Wetmore GC, Wattley LJ, Price AD, et al.** Defining the systemic response to flight after polytrauma in a murine model. *Mil Med.* 2026 Mar 1;191(3-4):e608-e616. PMID: 40990071
30. **Becker ER, Xu CT, Pratt CG, Whitrock JN, et al.** Examining the aftermath of virtual interviewing on surgical residency matches. *J Surg Res.* 2024 Sep;301:492-498. PMID: 39042977
31. **Carter MM, Papastefan ST, Tian Y, Hartman SJ, et al.** A retrospective nationwide comparison of laparoscopic vs open inguinal hernia repair in children. *J Pediatr Surg.* 2025 Feb;60(2):162056. PMID: 39541929
32. **Carter MM, Reyna C, Shaughnessy E, et al.** Trends and outcomes associated with axillary management of males with clinical NO breast cancer: An NCDB analysis. *J Surg Res.* 2021 Dec;268:97-104. PMID: 34298212
33. **Carter MM, Whitrock JN, Pratt CG, et al.** Nationwide analysis of locoregional management for ductal carcinoma in situ in males: An NCDB analysis of the surgical approach to DCIS in males. *Ann Surg Oncol.* 2024 Mar;31(3):1599-1607. PMID: 37978114
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37. **Chae RC, Sisak S, Nguyen CQ, Wattley LJ, et al.** Age above all: The impact of storage duration in mice resuscitated with whole blood or packed red blood cells and plasma in a hemorrhagic shock model. *Surgery.* 2025 Mar;179:108792. PMID: 39306564
38. **Chae R, Whitrock J, Nguyen C, Price A, Vaysburg D, et al.** Weight loss after Roux-en-Y gastric bypass and single anastomosis duodenoileostomy following failed sleeve gastrectomy. *Surg Endosc.* 2024 Sep;38(9):5246-5252. PMID: 38992284
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43. **Cortez AR, Delman AM**, Quillin RC 3rd. Examining the transplant case composition of early-career transplant surgeons. *Clin Transplant*. 2023 Jan;37(1):e14839. PMID: 36281997
44. Dani A, Price N, **Thangappan K**, Ryan TD, Hooper DK, Cooper DS, Lehenbauer DG, Chin C, Zafar F, Morales DLS. Heart-kidney listing is better than isolated heart listing for pediatric heart transplant candidates with significant renal insufficiency. *J Thorac Cardiovasc Surg*. 2022 Dec;164(6):2019-2031. PMID: 35331555
45. Dani A, Vu Q, **Thangappan K**, Huang B, et al. Effect of ischemic time on pediatric heart transplantation outcomes: Is it the same for all allografts? *Pediatr Transplant*. 2022 Jun;26(4):e14259. PMID: 35258159
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47. **Delman AM**, Cuffy MC. Invited commentary: Focusing upstream to improve equity in living donor transplantation: From theory to practice in kidney disease. *Surgery*. 2022 Sep;172(3):1005-1006. PMID: 35760596
48. **Delman AM, Kassam AF, Turner KM, Ammann AM**, Lynch C, **Morris MC, Vaysburg DM, Cortez AR**, Quillin RC 3rd. Incidence of attrition among early-career abdominal transplant surgeons. *Surgery*. 2023 May;173(5):1113-1119. PMID: 36167700
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