

Department of Anesthesiology Journal Articles

July 1st, 2024 to June 30th, 2025

1. Ahmed MT, Troyas C, Daramola AM, Isik OG, Cassim TZ, Goldberg TE, Banerji A, Sleigh J, García PS. Characterization of Speech and Language Deficits in the Postanesthesia Care Unit: A Novel, Qualitative Cognitive Assessment. *Anesth Analg* 2025;140:655–64.
2. Aniekwe A, Farjo R, Sun LS, Lee JJ. Sedation and Anesthesia in Very Preterm or Very Low Birth Weight Infants on Neurodevelopmental Outcome: Methodology and Preliminary Results of an Ongoing Systematic Review. *J Neurosurg Anesthesiol* 2025;37:107–9.
3. Aouad M, Jalbout Hastie M, Yazbeck Karam V. Adaptive leadership in crisis: a healthcare system's resilience journey. *BMJ Lead* 2025;9:89–93.
4. Baniak LM, Guttormson J, Costa DK, Lyons MM, McSparron JI, Klein-Fedyshin M, Brodie D, Lane-Fall M, Han F, Penzel T, Seaman JB, Morris JL. Priorities for Healthcare Systems Emergency Preparedness in Inpatient Settings Informed by COVID-19: An Official American Thoracic Society Workshop Report. *Ann Am Thorac Soc* 2025;22:809–19.
5. Berman D, Landau R. "This is how we do it": disseminating protocols for enhanced fetal safety and maternal recovery after fetoscopic myelomeningocele repairs. *Int J Obstet Anesth* 2025;61:104319.
6. Bezinover D, Zerillo J, Chadha RM, Wagener G, Blasi A, Johnson T, Pan TLT, De Marchi L. Use of Transesophageal Echocardiography for Liver Transplantation: A Global Comparison of Practice From the ILTS, SATA, and LICAGE. *Transplantation* 2024;108:1570–83.
7. Bilaniuk JW, Ghodasara SK, Curran T, Nemeth ZH. Letter Regarding: Body Mass Index Does Not Predict Injury Pattern or Outcome After Motorcycle Crash. *J Surg Res* 2024;302:977–8.
8. Busse J, Chen S, Brace K, Slater R. Use of the Electroencephalogram to Measure Pain in Infants and Young Children. *J Neurosurg Anesthesiol* 2025;37:133–4.
9. Busse J, Louie A, Crotty J, Lin A, Muratova Z, Malka M, Givens R, Roye B, Vitale M, Schechter W. Fosaprepitant Use as an Antiemetic to Prevent Postoperative Nausea and Vomiting in Pediatric Spinal Fusion Patients May Be Associated With More Rapid Transition to Oral Pain Medication and Reduced Length of Stay. *J Pediatr Soc North Am* 2025;11:100174.
10. Busse J, Pinyavat T, Guglielminotti J, Hedderson M, Houck C. Considerations of Health Care Disparity in Study Design. *J Neurosurg Anesthesiol* 2025;37:135–7.
11. Cain-Trivette CJ, Saha A, Nemeh C, Chalphin AV, Pinyavat T, Middlesworth W. Malignant Hyperthermia in Pediatric Surgery: Essential Awareness and Crisis Management. *J Pediatr Surg* 2025;60:162082.
12. Chanan EL, Wagener G, Whitlock EL, Berger JC, McAdams-DeMarco MA, Yeh JS, Nunnally ME. Perioperative Considerations in Older Kidney and Liver Transplant Recipients: A Review. *Transplantation* 2024;108:e346–56.
13. Chen K, Du X, Chao MA, Xie Z, Yang G. Surgery impairs glymphatic activity and cognitive function in aged mice. *Mol Brain* 2025;18:7.
14. Chen S, Haché M, Patel S, Ing C. Update on Clinical Research in Anesthetic Neurotoxicity. *J Neurosurg Anesthesiol* 2025;37:95–7.
15. Chihuri S, Blanchard A, DiGuseppi CG, Li G. Epidemiologic Patterns of Autism Spectrum Disorder in Pediatric Inpatients in the United States, 1997-2019. *J Autism Dev Disord* 2024;54:3630–8.
16. Choi A, Deng H, Fuller M, Sparling JL, Zhu M, Udelsman B, Frenzl G, Vidal Melo MF, Nagrebetsky A. Intraoperative FiO₂ and risk of impaired postoperative oxygenation in lung resection: A propensity score-weighted analysis. *J Clin Anesth* 2025;101:111739.
17. Chung MM, Pan C, Hayashi H, Kandula V, Zhao Y, Levine D, Childress P, Sutherland L, Raza ST, Kurlansky P, Smith CR, Takayama H. Significance of isolated postoperative atrial fibrillation in thoracic aortic aneurysm repair. *J Thorac Cardiovasc Surg* 2025;169:617-626.e7.
18. Cid M, Quan Vega ML, Yang Z, Guglielminotti J, Li G, Hua M. Disparities in end-of-life care for minoritized racial and ethnic patients during terminal hospitalizations in New York State. *J Am Geriatr Soc* 2024;72:2690–9.
19. Clark VC, Strange C, Strnad P, Sanchez AJ, Kwo P, Pereira VM, Hoek B van, Barjaktarevic I, Corsico AG, Pons M, Goldklang M, Gray M, Kuhn B, Vargas HE, Vierling JM, Vuppalanchi R, Brantly M, Kappe N, Chang T, Schluep T, Zhou R, Hamilton J, San Martin J, Loomba R. Fazirsiran for Adults With Alpha-1 Antitrypsin Deficiency Liver Disease: A Phase 2 Placebo Controlled Trial (SEQUOIA). *Gastroenterology* 2024;167:1008-1018.e5.

20. Cohen DE, Kim H, Levine A, Devanand DP, Lee S, Goldberg TE. Effects of age on the relationship between sleep quality and cognitive performance: Findings from the Human Connectome Project-Aging cohort. *Int Psychogeriatr* 2024;36:1171–81.
21. Conwell J, Ayyash M, Singh HK, Goffman D, Ranard BL. Physiologic changes of pregnancy and considerations for screening and diagnosis of sepsis. *Semin Perinatol* 2024;48:151973.
22. Courtwright AM, Whyte AM, Devarajan J, Fritz AV, Martin AK, Wilkey B, Stollings L, Cassara CM, Tawil JN, Miltiades AN, Bottiger BA, Pollak AL, Boisen ML, Harika RS, Street C, Terracciano W, Green J, Subramani S, Gelzinis TA. The Year in Cardiothoracic Transplant Anesthesia: Selected Highlights From 2022 Part I: Lung Transplantation. *J Cardiothorac Vasc Anesth* 2024;38:2516–45.
23. Curran T, Elsaywah JK, Nemeth ZH. Letter Regarding: Adenosine 2A Receptor Agonism Improves Survival in Extracorporeal Cardiopulmonary Resuscitation. *J Surg Res* 2025;306:605–6.
24. D'Antongiovanni V, Fornai M, Colucci R, Nericcio A, Benvenuti L, Di Salvo C, Segnani C, Pierucci C, Ippolito C, Nemeth ZH, Haskó G, Bernardini N, Antonioli L, Pellegrini C. Enteric glial NLRP3 inflammasome contributes to gut mucosal barrier alterations in a mouse model of diet-induced obesity. *Acta Physiol (Oxf)* 2025;241:e14232.
25. Danielsson J, Chen SA, Batista N, Jensen CH, Mulaikal TA. The Role of Ombuds in Graduate Medical Education: Fostering Wellness and Psychological Safety. *J Educ Perioper Med* 2024;26:E733.
26. Di Salvo C, D'Antongiovanni V, Benvenuti L, Fornai M, Valdiserra G, Natale G, Ryskalin L, Lucarini E, Mannelli LDC, Ghelardini C, Colucci R, Haskó G, Pellegrini C, Antonioli L. The pharmacological blockade of P2X4 receptor as a viable approach to manage visceral pain in a rat model of colitis. *J Drug Target* 2024;32:953–63.
27. Duron V, Miller R, Feldstein N, Schmoke N, Wu YS, Shirel T, Ring L, Landau R, Azizi H, Ingrassia R, Breslin N, Simpson L. Outcomes Following Fetoscopic Repair of Myelomeningocele: A Prospective Single-Center Experience. *Prenat Diagn* 2025;45:658–67.
28. Eisler L, Knapp A, Griffiths KK, Houck CS, Nafiu OO. Neurodevelopmental Outcomes Following Early Childhood Anesthetic Exposure: Consideration of Perioperative Health Disparities. *J Neurosurg Anesthesiol* 2025;37:138–40.
29. Elsaywah JK, Flanagan JS, Stopper PB, Rolandelli RH, Nemeth ZH. Risk factors and outcomes of renal insufficiency after colectomy for diverticulitis. *Tech Coloproctol* 2024;29:18.
30. Emala CW, Saroya TK, Miao Y, Wang S, Sang S, DiMango EA. Low-Dose Oral Ginger Improves Daily Symptom Scores in Asthma. *Pharmaceuticals (Basel)* 2024;17:1651.
31. Ende HB, Habib AS, Lim G, Landau R, Beilin Y, Wong CA. Behavioural disorders after prenatal exposure to anaesthesia for maternal surgery: is it the anaesthesia or the surgery? Comment on *Br J Anaesth* 2024; 132: 899-910. *Br J Anaesth* 2024;133:682–3.
32. Feinstein M, Ing C, Knapp A, Li G, Pimentel SD. Research Methods and Approaches for Studies in Pediatric Anesthesia Safety. *J Neurosurg Anesthesiol* 2025;37:100–2.
33. Feng I, Kurlansky PA, Powley TR, Hynds MA, Yang CG, Eisenberger A, Hastie JM, Sutherland LD, Yuzefpolskaya M, Colombo PC, Sayer GT, Uriel NY, Naka Y, Takeda K. Anti-factor Xa and activated partial thromboplastin time strategies for unfractionated heparin dosing after HeartMate 3 left ventricular assist device implantation. *Artif Organs* 2025;49:497–507.
34. Fernandez-Bustamante A, Parker RA, Frendl G, Lee JW, Nagrebetsky A, Grecu L, Amar D, Tanaka P, Sprung J, Gupta RA, Subramanian B, Giquel J, Eikermann M, Musch G, Nadler JW, Gama de Abreu M, Bartels K, Grover M, Chen L-L, Sparling J, Douin DJ, Weingarten T, Wagener G, Thompson BT, Vidal Melo MF, Perioperative Research Network (PRN) Investigators. Perioperative lung expansion and pulmonary outcomes after open abdominal surgery versus usual care in the USA (PRIME-AIR): a multicentre, randomised, controlled, phase 3 trial. *Lancet Respir Med* 2025;13:447–59.
35. Fisher S, Chihuri S, Guglielminotti J, Li G, Eisler L. Racial and ethnic differences in transfusion rates in adolescent scoliosis surgery: Preoperative anemia as a mediator of disparity. *Transfusion* 2024;64:2124–32.
36. Flanagan JS, Elsaywah JK, Nemeth ZH. Factors associated with anastomotic leak after surgery for colon cancer. *ANZ J Surg* 2024;94:1881.
37. Flynn BC, Hicks MH, Jabaley CS, Simmons S, Maxey-Jones C, Moitra V, Brown D, Khanna AK, Kidd B, Chow J, Golhar SY, Hemati K, Ben-Jacob TK, Kaufman M, Cobas M, Nurok M, Williams G, Nunnally ME. Sustainability of the Subspecialty of Anesthesiology Critical Care: An Expert Consensus and Review of the Literature. *J Cardiothorac Vasc Anesth* 2024;38:1753–9.

38. Flynn CL, Markey GE, Neudecker V, Farrelly C, Furuta GT, Eltzschig HK, Masterson JC, McNamee EN. The MicroRNA miR-223 Constrains Colitis-associated Tumorigenesis by Limiting Myeloid Cell Infiltration and Chemokine Expression. *J Immunol* 2024;213:1869–83.
39. Foglia R, Yan J, Dizdarevic A. Methadone and Buprenorphine in the Perioperative Setting: A Review of the Literature. *Curr Pain Headache Rep* 2024;28:1105–11.
40. George RB, Landau R. Anaesthetists should adopt a patient-centric approach to labour analgesia and embrace the combined spinal-epidural. *Anaesthesia* 2025;80:9–12.
41. Ghodasara SK, Elsawwah JK, Hyon SS, Flanagan JS, Stopper PB, Rolandelli RH, Nemeth ZH. Hand-Assisted Laparoscopic Surgery (HALS) as an Alternative to Unplanned Laparoscopic Conversion to Open Surgery (LCOS) in Colectomies for Acute Diverticulitis. *Surg Innov* 2025;32:222–8.
42. Ghodasara SK, Elsawwah JK, Yang HJ, Padnani A, Nemeth ZH. Clinical outcomes of varying age groups following vertical sleeve gastrectomy: a retrospective study using the 2022 Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program database in the United States. *J Minim Invasive Surg* 2025;28:89–96.
43. Givens RR, Brown M, Malka MS, Lu K, Zervos TM, Roye BD, Pinyavat T, Flynn JM, Vitale MG. Do teams of strangers create health care dangers? The effect of OR team consistency on operative times in adolescent idiopathic scoliosis. *Spine Deform* 2025;13:123–33.
44. Glance LG, Joynt Maddox KE, Mazzeffi M, Shippey E, Wood KL, Yoko Furuya E, Stone PW, Shang J, Wu IY, Gosev I, Lustik SJ, Lander HL, Wyrobek JA, Laserna A, Dick AW. Insurance-based Disparities in Outcomes and Extracorporeal Membrane Oxygenation Utilization for Hospitalized COVID-19 Patients. *Anesthesiology* 2024;141:116–30.
45. Goldberg TE, Devanand DP, Fang Z, Kim H, Rueppel E, Tucker A, Carlson S, Lee S. Effects of APOE ϵ 4 and Neuropathological Diagnoses on Neuropsychiatric Symptoms: Mediation Analyses and Likely Causation in an Integrated National Alzheimer's Coordinating Center Database. *Biol Psychiatry Cogn Neurosci Neuroimaging* 2024;9:650–9.
46. Gonzalez-Fiol A, Fardelmann KL, Landau R. Shedding more light on the management of intraoperative pain during cesarean delivery: a review of the American Society of Anesthesiologists statements. *Int J Obstet Anesth* 2025;62:104360.
47. Gray MC, Feinstein M, Hache M, Sands S, Salorio C. Approaches and Tools for Neurodevelopmental Assessment: Remote, Virtual, and Computer-Based. *J Neurosurg Anesthesiol* 2025;37:125–7.
48. Grell R, Paul J, Gupta K, Chawla N, Deshpande R, De Marchi L, Huang J. Perioperative Point-of-Care Ultrasound Utilization in Abdominal Organ Transplantation. Part I: Preoperative and Intraoperative Care. *Clin Transplant* 2025;39:e70153.
49. Guglielminotti J, Daw JR, Friedman AM, Samari G, Li G. Reduced odds of severe maternal morbidity associated with the US Affordable Care Act dependent coverage provision. *Am J Obstet Gynecol MFM* 2025;7:101668.
50. Guo L. F-ATP synthase inhibitory factor 1 and mitochondria-organelle interactions: New insight and implications. *Pharmacol Res* 2024;208:107393.
51. Gurumeta AA, Davidson A, Landau R, Pandit JJ, Rathmell JP, Schmidt A, Schwarz SKW, Sites BD, Sweitzer B, Wiles M. Comments on alleged editor misconduct from editors-in-chief of anaesthesia journals. *Br J Anaesth* 2025;134:1181–2.
52. Han DS, Pingle S-R, Amolo LM, Roach ML, Luga MS, Layne S-A, Veliz CR, Hurlbut L, Bennett B, Contreras H, Krishnamoorthy S, Weiner DM, Anderson CB, Badalato GM. Multidisciplinary Development and Implementation of a Trial of Void Algorithm to Standardize and Reduce Indwelling Urethral Catheter Use. *Urol Pract* 2024;11:884–91.
53. Hastie MJ. What We All WISH For. *Anesthesiology* 2025;142:980–1.
54. Heinicke U, Talbot SR, Thanasis F, Adam EH, Knethen A von, Steinbicker AU, Zinn S, Zacharowski K, Flinspach AN. Systemic role of orexin A, substance P, bradykinin, and DABK in severe COVID-19 and 2.5-yr follow-ups: an observational study. *BJA Open* 2025;14:100415.
55. Hess PE, Smiley R. Intrathecal morphine for cesarean delivery: a little goes a long way. *Int J Obstet Anesth* 2025;62:104363.
56. Hua M, Guo L, Ing C, Wang S, Morrison RS. Variation in Palliative Care Program Performance for Patients With Metastatic Cancer. *J Pain Symptom Manage* 2025;69:23-33.e2.
57. Hua M, Guo L, Wang S, Morrison RS. Palliative Care Program Characteristics and End-of-Life Outcomes for Patients With Metastatic Cancer. *J Pain Symptom Manage* 2025;69:673-681.e2.

58. Huang G, Wang C, Rosenzweig T, Moquin R, Markowitz S, Ablordeppey E. Enhancing Anesthesiology: A Survey of Diversity, Equity, and Inclusion in Residency Curricula. *J Educ Perioper Med* 2025;27:E736.
59. Hyon SS, Elsawwah JK, Harris MA, Nemeth ZH. Letter re: Prophylactic Enoxaparin Dosing Using Anti-Factor Xa Levels in Hepatic Surgery Patients: A Pilot Study. *Am Surg* 2025;91:151–2.
60. Isik OG, Cassim TZ, Ahmed MT, Kreuzer M, Daramola AM, Garcia PS. Effect of transcranial direct current stimulation and narrow-band auditory stimulation on the intraoperative electroencephalogram: an exploratory feasibility study. *Front Psychiatry* 2024;15:1362749.
61. Isik OG, Chauhan V, Ahmed MT, Chang BA, Cassim TZ, Graves MC, Rajan S, Garcia PS. Alternate Electrode Placements to Facilitate Frontal Electroencephalography Monitoring in Anesthetized and Critically Ill Patients. *J Neurosurg Anesthesiol* 2025;37:47–54.
62. Isik OG, Guo L, Ben-Ezra A, Ganesh S, Hua M, Miles CH, Olfson M, Geneslaw AS, Ing C. Neurodevelopmental and behavioural disorders after perioperative invasive mechanical ventilation in paediatric surgical admissions. *Br J Anaesth* 2025;134:1440–9.
63. Isik OG, Ing C. Maternal exposure to general anesthesia and labor epidural analgesia during pregnancy and delivery, and subsequent neurodevelopmental outcomes in children. *Int J Obstet Anesth* 2025;61:104318.
64. Isik OG, Junaid S, Guo L, Lackraj D, Landau R, Miles CH, Pennell C, Ungern Sternberg BS von, Whitehouse AJO, Li G, Ing C. Behavioural and neuropsychological outcomes in children exposed in utero to maternal labour epidural analgesia. *Br J Anaesth* 2024;133:334–43.
65. Isom CA, Baird S, Betz ME, DiGuseppi CG, Eby DW, Li G, Lee KC, Molnar LJ, Moran R, Strogatz D, Hill L. Association of Depression and Antidepressant Use With Driving Behaviors in Older Adults: A LongROAD Study. *J Appl Gerontol* 2024;43:1485–92.
66. Jackson KL, Smiley RM, Lee AJ. Neonatal acid-base status before and after discontinuing routine left uterine displacement for elective cesarean delivery: a retrospective cohort study (2014-2017). *Int J Obstet Anesth* 2025;62:104350.
67. Jackson SS, Cravero JP, Sun L, Davis JM. The Use of Real-world Data to Generate Real-world Evidence to Accelerate Neonatal Drug Development. *J Neurosurg Anesthesiol* 2025;37:110–3.
68. Jackson SS, Pinyavat T, Bayir H, Smith HAB. Sedation Strategies in Pediatric Intensive Care Unit Patients: Challenges in Management. *J Neurosurg Anesthesiol* 2025;37:119–21.
69. Jian Q, Chihuri S, Andrews HF, Betz ME, DiGuseppi C, Eby DW, Hill LL, Jones V, Mielenz TJ, Molnar LJ, Strogatz D, Lang BH, Li G. Association between polypharmacy and hard braking events in older adult drivers. *Accid Anal Prev* 2024;204:107661.
70. Katz D, Song J, Carangelo M, Bergsma T, Winston R, Landau R. Simulated bupivacaine pharmacokinetics after labor epidural analgesia followed by transversus abdominis plane block with liposomal bupivacaine for intrapartum cesarean delivery. *J Clin Anesth* 2024;99:111589.
71. Katz J, Bok SS, Dizdarevic A. The Role of Regional Anesthesia in ICU Pain Management. *Curr Pain Headache Rep* 2025;29:21.
72. Kellett J, Soliman SS, Podwojniak A, Minkanic M, Kumar G, Goodwin B, Yang HJ, Elsawwah JK, Nemeth ZH. The Efficacy of Glucagon-like Peptide-1 (GLP-1) Receptor Agonists for Insufficient Weight Loss or Regain After Metabolic/Bariatric Surgery: A Systematic Review and Meta-analysis. *Obes Surg* 2025;35:1127–34.
73. Kim H, Lee S, Levine A, Huber B, Andrews H, Kerner NA, Cohen D, Carlson S, Bell SA, Rivera AM, Gordon ML, Simoes S, Devanand DP, Brickman AM, Schneider LS, Harvey PD, Goldberg TE. Novel measures of cognition and function for the AD spectrum in the Novel Measures for Alzheimer’s Disease Prevention Trials (NoMAD) project: Psychometric properties, convergent validation, and contrasts with established measures. *Alzheimers Dement* 2024;20:5089–101.
74. Kinateder T, Kratzer S, Husemann C, Hautmann H, García PS, Schneider G, Kreuzer M. Electroencephalogram-Based Anesthesia Indices Differently React to Modulations of Alpha-Oscillatory Activity. *Anesth Analg* 2025;140:974–82.
75. Knapp A, Sun L, Sanhai W. The Pediatric Anesthesia Safety Initiative: A Public-Private Partnership for Children. *Journal of Neurosurgical Anesthesiology* 2025;37:98.
76. Kolaitis NA, Barnes H, Levine DJ, Castillo H, Arcasoy SM, Bacchetta M, Benvenuto L, Berman-Rosenzweig E, Cevasco M, Demarest CT, Dewachter C, Erasmus ME, Glanville AR, Granton J, Keshavjee S, Khangoora V, Krishnan S, Mercier O, Miltiades AN, Montani D, Murphy E, Robbins I, Rahaghi FF, Saddoughi SA, Savale L, Simon MA, Vachier J-L, Ventetuolo CE, Whitford HM, Girgis

- RE. Approach to Lung Transplantation in Pulmonary Arterial Hypertension: A Delphi Consensus on Behalf of the Transplant Task Force of the Pulmonary Vascular Research Institute. *Pulm Circ* 2025;15:e70088.
77. Kreuzer M, García PS, Gutierrez R, Purdon PL. For EEG-Guided Anesthesia, We Have to Go Beyond the Index. *Anesth Analg* 2024;139:e21–2.
78. Krukenberg S, Möckl F, Weiß M, Dekiert P, Hofmann M, Gerlach F, Winterberg KJ, Kovacevic D, Khansahib I, Troost B, Hinrichs M, Granato V, Nawrocki M, Hub T, Tsvilovskyy V, Medert R, Woelk L-M, Förster F, Li H, Werner R, Altfeld M, Huber S, Clarke OB, Freichel M, Diercks B-P, Meier C, Guse AH. MASTER-NAADP: a membrane permeable precursor of the Ca²⁺ mobilizing second messenger NAADP. *Nat Commun* 2024;15:8008.
79. Kumar SU, Kiefer JJ, Moitra V, Migliore C, Rasheed M, Wallisch J, Gessouroun A, Flynn BC. The Year in Cardiothoracic Critical Care: Highlighted Publications From 2023. *J Cardiothorac Vasc Anesth* 2024;38:2900–5.
80. Kwon SB, Weinerman B, Nametz D, Megjhani M, Lee I, Habib A, Barry O, Park S. Non-invasive pulse arrival time is associated with cardiac index in pediatric heart transplant patients with normal ejection fraction. *Physiol Meas* 2024;45:07NT01.
81. Lado W, Wu X, Choi S, Dong Y, Yang G, Arancio O, Tempia F, Miniaci MC, Sulzer D, Mosharov E, Tang G. Synaptic plasticity deficits in a mouse model of Timothy syndrome: LTP saturation and its pharmacological rescue by nifedipine. *Biomed Pharmacother* 2025;184:117896.
82. Lagier D, Zeng C, Kaczka DW, Zhu M, Grogg K, Gerard SE, Reinhardt JM, Ribeiro GCM, Rashid A, Winkler T, Vidal Melo MF. Mechanical ventilation guided by driving pressure optimizes local pulmonary biomechanics in an ovine model. *Sci Transl Med* 2024;16:eado1097.
83. Landau R. Connecting the dots between inpatient quality of obstetric recovery and postpartum depression: Are we ready for a cultural shift? *J Clin Anesth* 2024;96:111372.
84. Lane-Fall MB, Hastie MJ, Kleid M, Yarabarla V, Miltiades AN, Wiener-Kronish JP, Pian-Smith MC. Gender and Pathways to Leadership in Academic Anesthesiology: A Qualitative Content Analysis of US Chairpersons' Curricula Vitae. *Anesth Analg* 2025;140:1051–9.
85. Lansky S, Wang Z, Clarke OB, Chipot C, Scheuring S. Structural dynamics and permeability of the TRPV3 pentamer. *Nat Commun* 2025;16:4520.
86. Lee A, Hastie M. Recognising and managing bias and prejudice in healthcare. *BJA Educ* 2024;24:245–53.
87. Lee A, Goodman S, Chen CM, Landau R, Chatterji M. Electronic Feedback Alone Versus Electronic Feedback Plus in-Person Debriefing for a Serious Game Designed to Teach Novice Anesthesiology Residents to Perform General Anesthesia for Cesarean Delivery: Randomized Controlled Trial. *JMIR Serious Games* 2024;12:e59047.
88. Lee JJ, Kim A, Jackson SS. Use of Sedative and Analgesic Agents in Pediatric Intensive Care Unit Patients: Pediatric Health Information System Database. *J Neurosurg Anesthesiol* 2025;37:114–8.
89. Lee JJ, Victorio D, Monteleone MP, Paulino J, Kuzniewicz MW, Tam EWY, Davis JM. Neonates at Risk for Adverse Neurodevelopment. *Journal of Neurosurgical Anesthesiology* 2025;37:103.
90. Lee S, Li G, Chihuri S, Yu Y, Chen Q. Using data fusion with multiple imputation to correct for misclassification in self-reported exposure: a case-control study of cannabis use and homicide victimization. *Injury Epidemiology* 2024;11:57.
91. Leng N, Mittel AM, Levine D, Nitta S, Berman MF, Hua M, Patel VI, Kurlansky PA, Takayama H, Melo MFV. Intraoperative Factors Associated With Mechanical Ventilation Duration Following Aortic Surgery. *J Cardiothorac Vasc Anesth* 2025;39:1205–13.
92. Li H, Chu L, Ye H, Zhang Y, Li M, Hua Y, Zhang J, Hu H, Wen T, Zhao J, Wan H, Huang L, Lou Y, Tang J, Yan Z, Duan G, Wu J, Wang C, Lu Y, Shen X, Huang C, Song C, Wang Y, Zeng C, Xie G, Fang X. Lung isolation with a bronchial blocker placed in the lateral position for patients undergoing thoracic surgery: A multicenter, randomized clinical trial. *J Clin Anesth* 2025;104:111869.
93. Liu E, Cid M, Manson DK, Shinall MC, Hua M. Palliative Care Clinicians' Views on Metrics for Successful Specialist Palliative Care Delivery in the ICU. *J Pain Symptom Manage* 2024;68:78-85.e4.
94. Luković E, Zhu Y, Zhang Y, Genualdi JR, Sang S, Emala CW. Design and Evaluation of Novel Ginger 6-Shogaol-Inspired Phospholipase C Inhibitors to Enhance β -Agonist-Induced Relaxation in Human Airway Smooth Muscle. *J Med Chem* 2025;68:12626–40.
95. Lynch LR, Saraiya N, Chao J, Yuan I. What Can the Electroencephalogram Tell Us About Sedation? *J Neurosurg Anesthesiol* 2025;37:128–32.

96. Makkad B, Heinke TL, Sherifdeen R, Meng M-L, Kachulis B, Grant MC, Popescu WM, Brodt JL, Khatib D, Wu CL, Kertai MD, Bollen BA. Practice Advisory for Postoperative Pain Management of Cardiac Surgical Patients: Executive Summary. A Report From the Society of Cardiovascular Anesthesiologists. *J Cardiothorac Vasc Anesth* 2025;39:40–8.
97. Makkad B, Heinke TL, Sherifdeen R, Meng M-L, Kachulis B, Grant MC, Popescu WM, Brodt JL, Khatib D, Wu CL, Kertai MD, Bollen BA. Practice Advisory for Postoperative Pain Management of Cardiac Surgical Patients: A Report by Society of Cardiovascular Anesthesiologists. *J Cardiothorac Vasc Anesth* 2025;39:770–84.
98. Makkad B, Heinke TL, Sherifdeen R, Meng M-L, Kachulis B, Grant MC, Popescu WM, Brodt JL, Khatib D, Wu CL, Kertai MD, Bollen BA. Practice Advisory for Postoperative Pain Management of Thoracic Surgical Patients: Executive Summary: A Report From the Society of Cardiovascular Anesthesiologists. *J Cardiothorac Vasc Anesth* 2025;39:880–8.
99. Makkad B, Heinke TL, Sherifdeen R, Meng M-L, Kachulis B, Grant MC, Popescu WM, Brodt JL, Khatib D, Wu CL, Kertai MD, Bollen BA. Practice Advisory for Postoperative Pain Management of Thoracic Surgical Patients: A Report from the Society of Cardiovascular Anesthesiologists. *J Cardiothorac Vasc Anesth* 2025;39:1306–24.
100. Maniker RB, Sondekoppam RV, Benzon HT. The Impact of Regional Anesthesia on Chronic Postsurgical Pain and Persistent Postoperative Opioid Use: Challenges and Opportunities. *Anesth Analg* 2024;139:687–9.
101. Markfeld JE, Kiemel Z, Santapuram P, Bordman SL, Pulliam G, Clark SM, Hampton LH, Keçeli-Kaysili B, Feldman JI, Woynaroski TG. Links Between Early Prelinguistic Communication and Later Expressive Language in Toddlers With Autistic and Non-Autistic Siblings. *J Speech Lang Hear Res* 2025;68:178–92.
102. Martinelli SM, Tran TN, Canter C, Isaak RS, Afroze F, Mulaikal TA, Ladlie B, Jain A, Willie C, Stahl DL, Blanchard E, Zisblatt L, Hoefnagel AL, Marshall JM, Collins S, Keneally RJ, Martin TW, Chen F. The Family Anesthesia Experience (FAX): Implementing a Social Support-Focused Wellness Programme Across Multiple Residency Programmes. *Clin Teach* 2025;22:e13853.
103. Massa A, Yang Z, Tamashiro R, Isik O, Landau R, Miles CH, Von Ungern-Sternberg BS, Whitehouse A, Li G, Pennell CE, Ing C. Mode of delivery and behavioral and neuropsychological outcomes in children at 10 years of age. *J Perinat Med* 2024;52:1010–9.
104. Matava CT, Peyton J, Ungern-Sternberg BS von, Ing C. Propofol, Anesthesia, and Neurocognitive Outcomes in Patients With Pediatric Leukemia: Are We Missing the Forest for the Trees? *J Clin Oncol* 2024;42:3506–7.
105. Michalski K, Abdulla T, Kleeman S, Schmidl L, Gómez R, Simorowski N, Vallese F, Prüss H, Heckmann M, Geis C, Furukawa H. Structural and functional mechanisms of anti-NMDAR autoimmune encephalitis. *Nat Struct Mol Biol* 2024;31:1975–86.
106. Mittel A, Drubin C, Hua M, Nitta S, Wagener G, Vidal Melo MF. Association of Acute Systemic Inflammation with Patient-Centric Postoperative Pulmonary Complications After Elective Cardiac Surgery. *Anesth Analg* 2025;140:947–56.
107. Moitra VK. Critical Care Billing in 2023. *J Cardiothorac Vasc Anesth* 2025;39:266–72.
108. Mondellini GM, Vinogradsky AV, Kirschner M, Pinsino A, Ladanyi A, Kurlansky PA, Sun JY, Wang C, Hastie JM, Clerkin KJ, Naka Y, Kaku Y, Sayer GT, Uriel N, Yuzefpolskaya M, Takeda K, Colombo PC. Five-Year Outcomes in Patients Implanted With a HeartMate 3 Left Ventricular Assist Device at a High-Volume Center. *ASAIO J* 2025;71:e74–6.
109. Monteleone M, Biagas K, Saraiya N, Young S. Updates on the NIH Toolbox V3 and Introduction to the NIHTB Infant and Toddler Toolbox and Mobile Toolbox. *J Neurosurg Anesthesiol* 2025;37:122–4.
110. Moran R, Baird S, DiGuseppi CG, Eby DW, Hacker S, Isom C, Jones V, Lee KC, Li G, Molnar LJ, Patrick R, Strogatz D, Hill L. Dietary supplement use is common in older adult drivers: an analysis from the AAA LongROAD study. *BMC Complement Med Ther* 2024;24:319.
111. Nagrebetsky A, Zhu M, Deng H, Gaissert HA, Gama de Abreu M, Frendl G, Schaefer MS, Vidal Melo MF. Impaired oxygenation after lung resection: Incidence and perioperative risk factors. *J Clin Anesth* 2024;96:111485.
112. Nemeth ZH, Ghodasara SK, Stopper PB, Durling-Grover R, DiFazio LT. Letter re: “Opioid Use, Disposition, and Parent Satisfaction Following Common Pediatric Surgical Procedures.” *Am Surg* 2024;90:3151–2.

113. Olawole W, Li G, Zhou Z, Wu Z, Chen Q. Impact of neighborhood-level COVID-19 mortality on the increase in drug overdose mortality in New York City during the COVID-19 pandemic. *Inj Epidemiol* 2024;11:65.
114. Ortner CM, Sheikh M, Athar MW, Padilla C, Guo N, Carvalho B. Feasibility of Focused Cardiac Ultrasound Performed by Trainees During Cesarean Delivery. *Anesth Analg* 2024;139:332–8.
115. Paloczi J, Gunduz-Cinar O, Yokus B, Paes-Leme B, Haskó G, Kunos G, Holmes A, Pacher P. Exacerbated cardiac dysfunction from combined alcohol binge and synthetic cannabinoid use. *Biomed Pharmacother* 2025;187:118053.
116. Park J-I, Lee S, Huber B, Devanand DP, Kim H, Goldberg TE, Alzheimer's Disease Neuroimaging Initiative. Empirical Classification of Neuropsychiatric Symptoms and Association of Classes With Diagnostic Progression and Cognitive Decline in Mild Cognitive Impairment and Alzheimer's Disease Populations. *Biol Psychiatry* 2025;97:1059–66.
117. Patel K, Mathew L, Patel A. A debate on integrative vs. interventional approaches to chronic pain: does telemedicine play a role? *Mhealth* 2025;11:21.
118. Paul J, Patel M, Moitra V. The AMIKINHAL Trial and an Update on Prevention of Ventilator-Associated Pneumonia. *J Cardiothorac Vasc Anesth* 2024;38:2163–5.
119. Pinyavat T, Riazi S, Deng J, Slessarev M, Cuthbertson BH, Ibarra Moreno CA, Jerath A. Malignant Hyperthermia. *Crit Care Med* 2024;52:1934–40.
120. Qiu A, Fliginger D, Feit Y, Hassan F, Lenke LG, Li G, Hod EA, Eisler L. Estimating the prevalence of preoperative iron deficiency and its impact on red blood cell transfusion in adolescents undergoing scoliosis surgery: A pilot study. *Transfusion* 2025;65:851–7.
121. Razzaq A, Prager KM, Garan AR, Hastie J, Brodie D, Abrams D. Ethical Considerations for Mechanical Support. *Anesthesiol Clin* 2025;43:267–82.
122. Rhee KY, Emala CW, Gallagher EJ, Rockey DC, Hu PJ, Vyas JM, Cook DP, Scharschmidt TC, Ajjola OA, ASCI Research Pathways Working Group, Williams CS. Paving the physician-scientist career path: from grassroots gathering to national forum. *JCI Insight* 2025;10:e192689.
123. Rockey DC, Rhee KY, Williams CS, Vyas JM, Emala CW, Gallagher EJ. An insider's guide to understanding and obtaining an NIH K career development award. *JCI Insight* 2025;10:e191904.
124. Rong LQ, Martinez AP, Rahouma M, Lopes AJ, Lee JY, Wright DN, Demetres M, Kachulis B, O'Shaughnessy SM. Gender Differences in Authorship and Quality of Anesthesia Clinical Practice Guidelines From 2016 to 2020 Using the Appraisal of Guidelines for Research and Evaluation II Instrument. *Anesth Analg* 2024;139:955–64.
125. Rosen JE, Monsell SE, DePaoli SC, Fannon EC, Kohler JE, Reinke CE, Kao LS, Fransman RB, Stulberg JJ, Shapiro MB, Nehra D, Park PK, Sanchez SE, Fischkoff KN, Davidson GH, Flum DR, TRIAD Collaborative,. The Use and Impact of a Decision Support Tool for Appendicitis Treatment. *Ann Surg* 2024;280:616–22.
126. Russell M, Hua M. Every Deep-drawn Breath: A Critical Care Doctor on Healing, Recovery, and Transforming Medicine in the ICU. *Anesthesiology* 2025;142:974–5.
127. Sanchez J, Prabhu R, Guglielminotti J, Landau R. Racial and Ethnic Concordance Between the Patient and Anesthesia Team and Patients' Satisfaction With Pain Management During Cesarean Delivery. *Anesth Analg* 2024;139:921–30.
128. Saponaro A, Krumbach JH, Chaves-Sanjuan A, Sharifzadeh AS, Porro A, Castelli R, Hamacher K, Bolognesi M, DiFrancesco D, Clarke OB, Thiel G, Moroni A. Structural determinants of ivabradine block of the open pore of HCN4. *Proc Natl Acad Sci U S A* 2024;121:e2402259121.
129. Schmoke N, Nemeš C, Gennell T, Schapiro D, Hiep-Catarino A, Alexander M, Chalphin AV, Crum RW, Holynskij L, Kubacki T, Schechter WS, Zitsman J. Enhanced recovery after surgery improves clinical outcomes in adolescent bariatric surgery. *Surg Obes Relat Dis* 2024;20:798–802.
130. Schwarz J, Zistler F, Usheva A, Fix A, Zinn S, Zimmermann J, Knolle F, Schneider G, Nuttall R. Investigating dynamic brain functional redundancy as a mechanism of cognitive reserve. *Front Aging Neurosci* 2025;17:1535657.
131. Sharpe EE, Landau R. Pain during cesarean delivery: risk factors, mitigation, and current approaches. *Curr Opin Anaesthesiol* 2025;38:169–78.
132. Shneider NA, Harms MB, Korobeynikov VA, Rifai OM, Hoover BN, Harrington EA, Aziz-Zaman S, Singleton J, Jamil A, Madan VR, Lee I, Andrews JA, Smiley RM, Alam MM, Black LE, Shin M, Watts JK, Walk D, Newman D, Pascuzzi RM, Weber M, Neuwirth C, Da Cruz S, Soriano A, Lane R, Henry S,

- Mathews J, Jafar-Nejad P, Norris D, Rigo F, et al. Antisense oligonucleotide jacifusen for FUS-ALS: an investigator-initiated, multicentre, open-label case series. *Lancet* 2025;405:2075–86.
133. Siddiqui A, Chao M, Rahimi M, Spivak A, Weinberger M. Thoracic Back Pain Leading to an Acromegaly Diagnosis: A Case Report. *Cureus* 2025;17:e85533.
 134. Siddiqui S, Gali B, Cotter E, Short M, McNichol M, Mulaikal TA, Cassavaugh J, Chow J, Russell C, Golhar SY, Ben-Jacob TK. Women Physicians in Leadership Roles in Critical Care Medicine or Academic Medicine-A Systematic Literature Review. *Crit Care Explor* 2025;7:e1249.
 135. Silber JH, Rosenbaum PR, Reiter JG, Jain S, Hill AS, Hashemi S, Brown S, Olfson M, Ing C. Exposure to Operative Anesthesia in Childhood and Subsequent Neurobehavioral Diagnoses: A Natural Experiment Using Appendectomy. *Anesthesiology* 2024;141:489–99.
 136. Smiley R. Postpartum Epidural Morphine for Post-Vaginal Delivery-an Underutilized Resource? *Anesth Analg* 2025;140:1060–2.
 137. Sodhi A, Chihuri S, Hoven CW, Susser ES, DiMaggio C, Abramson D, Andrews HF, Ryan M, Li G. Ethnic and Racial Disparities in Self-Reported Personal Protective Equipment Shortages Among New York Healthcare Workers During the COVID-19 Pandemic. *AJPM Focus* 2024;3:100278.
 138. Spaulding SL, Fischkoff K. How Should We Understand Regret as a Moral Psychological Experience That Can Influence Clinical Decision-Making? *AMA J Ethics* 2025;27:E222-226.
 139. Stanifer BP, Harris S, Nguyen SN, Vinogradsky AV, Trivedi N, Fonseca L, Salvatore M, Sonett JR, D'Armiento J, Goldklang M. Surgical management of pleural complications in lymphangioliomyomatosis. *J Thorac Cardiovasc Surg* 2025;169:1133-1141.e1.
 140. Sun LS. Anesthesia/Analgesia/Sedation and Brain Health in Children: A Supplement of the Eighth PANDA Symposium. *J Neurosurg Anesthesiol* 2025;37:93–4.
 141. Tamura S, Vardhan S, Breidenbach K, Shaparin N, Vydyanathan A, Gritsenko K. Navigating Pregnancy Testing in Chronic Pain Management for Women of Reproductive Age. *J Pain Res* 2025;18:2605–12.
 142. Thompson A, Fleischmann KE, Smilowitz NR, Las Fuentes L de, Mukherjee D, Aggarwal NR, Ahmad FS, Allen RB, Altin SE, Auerbach A, Berger JS, Chow B, Dakik HA, Eisenstein EL, Gerhard-Herman M, Ghadimi K, Kachulis B, Leclerc J, Lee CS, Macaulay TE, Mates G, Merli GJ, Parwani P, Poole JE, Rich MW, Ruetzler K, Stain SC, Sweitzer B, Talbot AW, Vallabhajosyula S, et al. 2024 AHA/ACC/ACS/ASNC/HRS/SCA/SCCT/SCMR/SVM Guideline for Perioperative Cardiovascular Management for Noncardiac Surgery: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *Circulation* 2024;150:e351–442.
 143. Troyas C, Ostertag J, Schneider G, García PS, Sleigh JW, Kreuzer M. Changes in Intra- and Cross-hemispheric Directed Functional Connectivity in the Electroencephalographic Signals during Propofol-induced Loss of Consciousness. *Anesthesiology* 2025;142:142–54.
 144. Tucker A, Goldberg TE, Kim H. Biomarkers of sleep-wake disturbance as predictors of cognitive decline and accelerated disease progression. *Expert Rev Mol Diagn* 2024;24:649–57.
 145. Tymm CC, Vattakalam RM, Flum DR, Wright JD, Fischkoff KN. Patient and Surgeon Attitudes Toward Opportunistic Salpingectomy During Nongynecological Surgeries for the Prevention of Ovarian Cancer: A Qualitative Study. *J Surg Oncol* 2025;131:1149–56.
 146. Uribe S, Shany E, Zhang Y, Wu AD, Dan W, Perez-Zoghbi JF, Emala CW, Yim PD. β -Ionone facilitates ex vivo airway smooth muscle relaxation via extraocular opsin-3 light receptor activation. *Am J Physiol Lung Cell Mol Physiol* 2025;328:L526–37.
 147. Vide S, Kreuzer M, Ferreira A, Couto M, Agustí M, Jaramillo S, Schneider G, García PS, Abelha F, Amorim P, Trocóniz I, Larson M, Gambús P. Cortical, subcortical, brainstem and autonomic responses to nociception under total intravenous anesthesia. *J Clin Anesth* 2025;103:111825.
 148. Widmann S, Ostertag J, Zinn S, Pilge S, García PS, Kratzer S, Schneider G, Kreuzer M. Aperiodic component of the electroencephalogram power spectrum reflects the hypnotic level of anaesthesia. *Br J Anaesth* 2025;134:392–401.
 149. Wilkey BJ, Elliott T, Jones TE, Vasilopoulos T, Gelzinis T, Bellomy M, Brodt JL, Knight J, Geube MA, Fox JM, Racine CL, Tawil JN, Kozarek K, Subramani S, Siegrist KK, Kothary P, Peng YG, Miltiades AN, McCartney SL, Bottiger BA, Martin AK. Survey of Extracorporeal Life Support Application in Lung Transplantation. *Clin Transplant* 2025;39:e70094.
 150. Writing Committee Members, Thompson A, Fleischmann KE, Smilowitz NR, Las Fuentes L de, Mukherjee D, Aggarwal NR, Ahmad FS, Allen RB, Altin SE, Auerbach A, Berger JS, Chow B, Dakik HA, Eisenstein EL, Gerhard-Herman M, Ghadimi K, Kachulis B, Leclerc J, Lee CS, Macaulay TE, Mates G,

- Merli GJ, Parwani P, Poole JE, Rich MW, Ruetzler K, Stain SC, Sweitzer B, Talbot AW, et al. 2024 AHA/ACC/ACS/ASNC/HRS/SCA/SCCT/SCMR/SVM Guideline for Perioperative Cardiovascular Management for Noncardiac Surgery: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *J Am Coll Cardiol* 2024;84:1869–969.
151. Wu A, Kuforiji A, Zhang Y, Xu D, Perez-Zoghbi J, Emala C, Danielsson J. TMEM16A Antagonism: Therapeutic Potential with Desensitization of β -Agonist Responsiveness in Asthma. *Am J Respir Cell Mol Biol* 2025;72:510–9.
152. Wunsch H, Bosch NA, Law AC, Vail EA, Hua M, Shen BH, Lindenauer PK, Juurlink DN, Walkey AJ, Gershengorn HB. Evaluation of Etomidate Use and Association with Mortality Compared with Ketamine among Critically Ill Patients. *Am J Respir Crit Care Med* 2024;210:1243–51.
153. Xi Y, Mielenz TJ, Andrews HF, Hill LL, Strogatz D, DiGuseppi C, Betz ME, Jones V, Eby DW, Molnar LJ, Lang BH, Li G. Prevalence of Depression in Older Adults and the Potential Protective Role of Volunteering: Findings From the LongROAD Study. *J Am Geriatr Soc* 2025;73:1041–8.
154. Yasin B, Williams DJ, Troyas C, Harrison NL, Makinson CD, García PS. Ketamine Potentiates AMPA Receptor-mediated Activity in the Somatosensory Cortex. *Anesthesiology* 2024;141:611–4.
155. Zang M, Zeng C, Lagier D, Leng N, Grogg K, Motta-Ribeiro G, Laine AF, Winkler T, Vidal Melo MF. Effects of Lung Expansion on Global and Regional Pulmonary Blood Volume in a Sheep Model of Acute Lung Injury. *Anesthesiology* 2025;142:1071–84.
156. Zhou H, Neudecker V, Perez-Zoghbi JF, Brambrink AM, Yang G. Age-dependent cerebral vasodilation induced by volatile anesthetics is mediated by NG2+ vascular mural cells. *Commun Biol* 2024;7:1519.
157. Zinn S, Dragovic SZ, Kloka JA, Willems LM, Harder S, Kratzer S, Zacharowski KD, Schneider G, García PS, Kreuzer M. Parametrization of the dying brain: A case report from ICU bed-side EEG monitoring. *Neuroimage* 2025;305:120980.
158. Zuhra K, Petrosino M, Janickova L, Petric J, Ascensão K, Vignane T, Khalaf M, Philipp TM, Ravani S, Anand A, Martins V, Santos S, Erdemir S, Malkondu S, Sitek B, Kelestemur T, Kieronka-Rudek A, Majtan T, Filgueira L, Maric D, Chlopicki S, Hoogewijs D, Haskó G, Papapetropoulos A, Logue BA, Boss GR, Filipovic MR, Szabo C. Regulation of mammalian cellular metabolism by endogenous cyanide production. *Nat Metab* 2025;7:531–55.

Department of Anesthesiology Abstracts
July 1st, 2024 to June 30th, 2025

1. Aboujaoude A, Chao M. Spinal cord stimulator Percutaneous lead trial in patient with VP shunt: A medically challenging case. *American Society of Regional Anesthesiology and Acute Pain Medicine - Pain Medicine*. 2024.
2. Aboujaoude A, Kindschuh W, Agbato D, Koorie M, Mathew L, Chao M. Substance use prevalence in the chronic pain outpatient clinic setting. *American Society of Regional Anesthesiology and Acute Pain Medicine - Pain Medicine*. 2024.
3. Aboujaoude A, Kindschuh W, Koorie M, Agbato D, Nishtar M, Mathew L, Chao M. Association of music listening with post-procedural anxiety and pain reduction. *American Society of Regional Anesthesiology and Acute Pain Medicine - Pain Medicine*. 2024.
4. Barakat A, Mankowitz S, Landau R. Shoulder Pain During Labor Epidural Analgesia, Subdural Anesthesia, General Anesthesia, and Post-Dural Puncture Headache in a Patient with Pre-Eclampsia with Severe Features: A Case Report. *Society for Obstetric Anesthesia and Perinatology*. 2025.
5. Bawany M, Encarcion J, Channagiri V. Peripheral nerve stimulation to treat meralgia paresthetica. *North American Neuromodulation Society*. 2025.
6. Bhardwaj R, Russell M, Rosenberg H, Pinyavat T, Guglielminotti J, Li G. Excess medical costs of malignant hyperthermia in the United States, 2017-2021. *New York State Society of Anesthesiologists: Postgraduate Assembly in Anesthesiology*. 2024.
7. Blanchard A, Yang Z, Ing C, DiGuseppi C, Li G. Association of Autism Spectrum Disorder and Common Co-Occurring Conditions with Suffocation. *International Society for Autism Research*. 2025.
8. Brueske B. Anesthetic management of large pulmonary and hepatic hydatid cyst resection. *Society of Cardiovascular Anesthesiologists*. 2025.
9. Brueske B, Maykowski P, Hannum R. Acute bleeding of duodenal ulcer with prior perforation resulting in abdominal compartment syndrome. *International Anesthesia Research Society & Society of Critical Care Anesthesiologists*. 2025.

10. Bui L, Chauhan V. A rare case of prolonged muscle paralysis during electroconvulsive therapy in a patient with unknown pseudocholinesterase deficiency. American Society of Anesthesiologists. 2024.
11. Chao J, Gutierrez R, Chao C, Zhang L, Yozawitz E, Legatt A, Jackson W, Nafiu B, Kudchadkar S, Li G, Eikermann M, Lo Y, Shinnar S, Purdon P. Phase-Amplitude Modulation Between Delta and Alpha Oscillations in the Electroencephalogram (EEG) During Pediatric Anesthesia. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
12. Chen K, Chao M, Xie Z, Du X, Yang G. Anesthesia and Surgery Impair Glymphatic Activity and Cognitive Function in Aged Mice. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
13. Cherenfant C. Supraventricular arrhythmia and hypotension in epistaxis patient with nasal packing. Society of Pediatric Anesthesia/American Academy of Pediatrics. 2024.
14. Chew J, Garcia P. Determination of risk factors for pre-operative sleep disorders in patients undergoing spine vs other orthopedic procedures. Society for Neuroscience in Anesthesiology and Critical Care. 2024.
15. Conwell J, Landau R, Morgan J, Sheen JJ, Bernstein K. Defining a Critical Care Obstetrics (CCOB) Population: From Risk Stratification to Patient Outcomes. Society for Obstetric Anesthesia and Perinatology. 2025.
16. Dalgin G, Baldovino Guerra J, Edmiston T, Marsman M, Vidal Melo M, Abdalla M, Nagebetsky A. Preoperative Fasting Duration Before Elective Procedures: A Retrospective Cohort Study in One Million Patients. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
17. Day E. Myelomeningocele repair in a neonate with unrepaired truncus arteriosus. Society of Pediatric Anesthesia/American Academy of Pediatrics. 2024.
18. Dias Vaz M, Ruggeberg A, Bittner E, Frykholm P, Khanna A, Bilotta F, Vidal de Melo M, Joshi G, Sessler D, Nagebetsky A. Incidence and outcomes of perioperative pulmonary aspiration: a retrospective analysis of 1.6 million procedures. American Society of Anesthesiologists. 2024.
19. DiGuseppi C, Yang Z, Blanchard A, Ing C, Li G. Prevalence of co-occurring mental, neurodevelopmental and neurological conditions in Medicaid beneficiaries with autism spectrum disorder. International Society for Autism Research. 2025.
20. Encarcion J, Zhang K, Bawany M, Channagiri V. Stellate ganglion block for electrical storm in a patient with a BiVAD. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.
21. Feinstein M, Guo L, Habib A, Hua M, Li G, Ing C. Is sickle cell disease associated with adverse perioperative outcomes in pediatric patients? American Society of Anesthesiologists. 2024.
22. Glover C. Hemolysis induced renal failure following percutaneous closure of iatrogenic ventricular septal defect. Society of Cardiovascular Anesthesiologists. 2025.
23. Goldklang M, Harris S, Nguyen S, Fonseca L, Stanifer B, D'Armiento J. The clinical course of incidental lymphangiomyomatosis. American Thoracic Society. 2025.
24. Guglielminotti J, Li G. Medicaid Expansion, Medicaid Generosity, and Severe Maternal Morbidity During Delivery Hospitalizations. Society for Obstetric Anesthesia and Perinatology. 2025.
25. Hu J, Rajesh K, Kluger M, Wagener G. Height and Anesthetic Outcomes in Whipple Patients. American Society of Anesthesiologists. 2024.
26. Huang W, Guglielminotti J, Li G. Disparities in eclampsia among Asian birthing people in the United States. American Public Health Association. 2024.
27. Hwang J, Mikami M. Survey among anesthesiology faculty, residents and fellows at an academic medical center regarding stethoscope usage with associated barriers and beliefs. American Thoracic Society. 2025.
28. Iaconetti E, Fung E, Heath M. Use of ketamine to treat bronchoconstriction from suspected anaphylaxis during cardiopulmonary bypass for valve-sparing aortic root replacement. Society of Cardiovascular Anesthesiologists. 2025.
29. Joseph N, Zinn S, Sniecinski RM, Garcia P. Clinical Investigation of Near-Infrared Spectroscopy for Detection of Spinal Cord Ischemia. Society for Neuroscience in Anesthesiology and Critical Care. 2024.
30. Kaebnick H, Li G. Who gets what: The role of COVID-19 resource allocation guidelines on moral distress in healthcare workers. American Public Health Association. 2024.
31. Kahl E, Almeida-Chen G. Bronchobiliary fistula: Diagnosis and anesthetic management. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.

32. Kanaya A, Tanaka S, Saito H, Lukovic E, Yamauchi M. A case of ventilation assessment using a digital dynamic radiography system (DDR) following brain-dead donor double lung transplantation. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
33. Keaveny A, Nuchovich N, Goldklang MP, Plant R, Illarramendi J, Fonseca LD, D'Armiento JM. The Alpha-1 Foundation Research Registry: Characterizing the Clinical Presentation and Drivers For Diagnostic Evaluation of AATD Among a United States Cohort. American College of Chest Physicians. 2024.
34. Kim S, Conwell J, Guglielminotti J, Landau R. Comparison of Apgar score, skin-to-skin initiation time and resuscitative interventions between Black and non-Black neonates. Society for Obstetric Anesthesia and Perinatology. 2025.
35. Knio Z, Stefko J, Reddy A, Dilawri A, Russell C. Diagnostic challenges associated with antibody-negative, SRA-positive heparin-induced thrombocytopenia: A case report. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
36. Knio Z, Stefko J, Reddy A, Dilawri A, Russell C. Diagnostic challenges associated with antibody-negative, SRA-positive heparin-induced thrombocytopenia: A case report. American Thoracic Society. 2025.
37. Landau R. Factors associated with no in-hospital opioid use after cesarean delivery and the relationship between in-hospital opioid use and opioid use after discharge. Society for Obstetric Anesthesia and Perinatology. 2025.
38. Lee A, Attaluri M, Deriy L, Dizdarevic A. A new era: Awake spine surgery and anesthesia considerations. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.
39. Li G, Yang Z, Blanchard A, DiGuseppi C, Ing C. Life Expectancies for Medicaid Beneficiaries with Autism Spectrum Disorder in the United States, 2000-2020. International Society for Autism Research. 2025.
40. Li G, Yang Z, Blanchard A, DiGuseppi C, Ing C. Sex-Specific Life Expectancies for People with Autism Spectrum Disorder Enrolled in Medicaid, United States, 2000-2020. Society for Epidemiologic Research. 2025.
41. Li M, Yang G. The Immediate Early Gene zif268 is Required for Cortical Synaptic Remodeling Associated with Inflammatory Pain in Mice. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
42. Lim H, Long R, Griffiths K, Levy RJ. Aralar is Not a Pharmacological Target of Propofol in Mice. American Society of Anesthesiologists. 2024.
43. Lim H, Lu R, Shi C, Levy R. The Novel Anesthetic, Ubiquinone-5, Affects Murine Cardiac Rhythm in a Targetable Manner. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
44. Lorico A, Conwell J. Intrathecal Catheter Insertion and Management after Unintended Dural Puncture in a Parturient with Fontan Physiology Undergoing Cesarean Delivery. Society for Obstetric Anesthesia and Perinatology. 2025.
45. Lukovic E, Perez-Zoghbi J, Genauldi J, Peralta S, Zhu Y, Sang S, Emala C. Ginger-based compounds relax murine pulmonary arteries. American Thoracic Society. 2025.
46. Maniker R, Iaconetti E, Russell A, Feiner S, Kessler D. Virtual Reality Training for Defibrillator Use: Initial Results of a Randomized Controlled Trial. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
47. Maykowski P, Leng N, Deng H, Nagrebetsky A, Vidal Melo MF. Intraoperative Driving Pressure and Post-Operative Pulmonary Complications in Lung Resection Patients with and without Chronic Lung Disease: A Multicenter Retrospective Cohort Study. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
48. Mikami M, Dantzer K, Kanaya A, Hwang J, Emala C. Suppression of mast cell activation prevents behavioral changes observed in mice with chronic allergic lung inflammation. Association of University Anesthesiologists. 2025.
49. Nantawisarakul T, Schramm A. Anesthetic challenges of robotic cardiac surgery: A case of refractory lung hyperinflation requiring sternotomy post-heparinization. Society of Cardiovascular Anesthesiologists. 2025.
50. Oleksy A, Pinyavat T, Krause B, Shaw R. The Effect of the COVID-19 Pandemic on MHAUS Hotline Calls for Malignant Hyperthermia. American Society of Anesthesiologists. 2024.

51. Patel M, Hochman B, Salerno D, Moitra V, Paul J. Impact of Vasopresin Guidelines in the Surgical Intensive Care Unit. Society of Critical Care Medicine. 2025.
52. Pawar N, Zhou S, Duarte K, Wise A, Garcia PS, Kreuzer M, Barreto Chang OL. Intraoperative Burst Suppression by Analysis of Raw Electroencephalogram is a Strong Predictor of Postoperative Delirium in Older Adults. American Society of Anesthesiologists. 2024.
53. Ryu J, Waldman B, Landau R. Anesthesia outcomes and opioid use in patients with a diagnosis of opioid use disorder: a retrospective cohort study (2020-2024). Society for Obstetric Anesthesia and Perinatology. 2025.
54. Saha A, Fisher M, Sanchez J, Chen S, Pinyavat T. Malignant hyperthermia in a patient with RYR1 c.527G>T; p.Glu176Asp. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
55. Schramm A, Nguyen C. Intraoperative transesophageal echocardiography (TEE) assessment of a LV pseudoaneurysm and LV-LA fistula repair. Society of Cardiovascular Anesthesiologists. 2025.
56. Schweitzer A, Zhang K, Hu L, Dizdarevic A. Thoracic regional techniques for the cardiothoracic intensive care unit – An educational tool. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.
57. Schweitzer A, Zhang K, Hu L, Kohanzadeh A, Dizdarevic A. Erector spinae catheter in the ICU for thoracoabdominal aortic aneurysm repair – A case study. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.
58. Shamsi T, Hussain Z, Mohamed E, Morgan H, Chen M, Mathur P, Gao L, Humeidan M, Moitra V, McNett M, Marcantonio E, Subramaniam B. The SCOPE Trial: Sleep, Cognition, and Pain Bundle vs. ERAS-Cardiac [Enhanced Recovery After Cardiac Surgery] for Postoperative Delirium (POD). International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
59. Shukla D, Fuller B. A high risk emergency c-section. American Society of Anesthesiologists. 2024.
60. Shukla D, Hoffmeister K. Intravenous telomeres with intracardiac extension. Society of Cardiovascular Anesthesiologists. 2025.
61. Singh T, Bernstein K, Waldman B. Neuraxial Anesthesia in a Postpartum Hemorrhage Patient with Cystic Fibrosis and Vitamin K Deficiency Coagulopathy. Society for Obstetric Anesthesia and Perinatology. 2025.
62. Smiley R, White W, Gallant K, Jenn D, LeRoi D, Nduwayezu R. Spinal anesthesia for obstetric fistula repair in Rwanda. Society for Obstetric Anesthesia and Perinatology. 2025.
63. Sun LS, Jackson S, Kuzniewicz MW, Davis JM, Kim A, Li G. Exposures of Neonates in the NICU to Opioid Analgesic and Sedative Agents. Pediatric Academic Societies Meeting. 2025.
64. Troyas C, Garcia P, Schneider G, Kreuzer M. Age decreases the dynamic range of EEG changes between vigilant states. Society for Neuroscience. 2024.
65. Vozzo P, Landau R, Conwell J. Critical Care Obstetrics: A case of postpartum respiratory failure complicated by preeclampsia, acute kidney injury, and hyponatremia. Society for Obstetric Anesthesia and Perinatology. 2025.
66. Vozzo P, Zilber S, Landau R. Intrathecal dexmedetomidine for cesarean delivery: a scoping review. Society for Obstetric Anesthesia and Perinatology. 2025.
67. Waldman B, Eisler L, Hod E, Smiley R. Investigating the Necessity of Repeat Type and Screen Testing in Pregnant Patients Pre-Delivery. American Society of Anesthesiologists. 2024.
68. Wang A, Li G. Association of Annual Driving Mileage with Depression Risk in Older Adults During the COVID-19 Pandemic. NYC Epidemiology Forum. 2025.
69. Wang P, Winfree C, Chao M. Spinal cord stimulator implant in patient with history of communicating hydrocephalus and ventriculoperitoneal shunt. North American Neuromodulation Society. 2025.
70. Zeng C, Zang M, Lagier D, Rashid A, Grogg K, Zhu M, Winkler T, Laine AF, Vidal Melo M. Effect of PEEP on pulmonary blood volume quantified by respiratory-gated ¹¹C-CO-PET/CT in a large animal model of acute lung injury. American Society of Anesthesiologists. 2024.
71. Zhang K, Schweitzer A, Hu L, Dizdarevic A. Improving regional anesthesia understanding and utilization in the surgical ICU: An education project. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.
72. Zhang K, Schweitzer A, Hu L, Dizdarevic A. Multi-target phrenic nerve sparing technique as primary anesthetic for shoulder surgery in patient with cardiopulmonary concerns. American Society of Regional Anesthesiology and Acute Pain Medicine. 2025.

73. Zhang Lauren L, Yang Z, DiGuseppi C, Blanchard A, Ing C, Lalwani AK, Li G. Prevalence of autism spectrum disorder in children and adolescents with auditory abnormalities. NYC Epidemiology Forum. 2025.
74. Zinn S, Dragovic S, Garcia P, Kloka J, Kreuzer M, Schneider G, Zacharowski K. A parametrization of the dying brain: Revelations from bed side ICU EEG monitoring. New York State Society of Anesthesiologists: Postgraduate Assembly in Anesthesiology. 2024.
75. Zinn S, Mouchtaris S, Aaronson J, Lujan Carvallo O, Daramola A, Garcia P. The Role of Pharmacological Decision-Making during Maintenance on PACU Delirium. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.
76. Zinn S, Mouchtaris S, Kloka J, Seemann J, Walk A, Toennes S, Zacharowski K, Kreuzer M, Garcia P. Cannabis Use in Surgical Patients: Implications for Propofol Dosing and Burst Suppression Monitoring. International Anesthesia Research Society & Society of Critical Care Anesthesiologists. 2025.

Department of Anesthesiology Books and Chapters
July 1st, 2024 to June 30th, 2025

1. Abrams D, Curtis JR, Prager KM, Garan AR, Hastie J, Brodie D. Ethical Considerations for Mechanical Support. In: Bartels K, Dieleman SJ, eds. Anesthesiology Clinics. Vol 37. Cardiothoracic Anesthesia and Critical Care. Philadelphia: Elsevier, 2019:661–73.
2. Aggarwal V, Cheung KL, Mathew L. Opioids. In: Patel D, Kim SJ, Bhatt HV, Patel AM, eds. BASIC Essentials: A Comprehensive Review for the Anesthesiology BASIC Exam. 2nd ed. Cambridge, UK: Cambridge University Press, 2025:52–60.
3. Genziano J, Banas M, Eisler L, Hod E. Pretransfusion Testing. In: Klein NJ, ed. Perioperative Pediatric Patient Blood Management and Transfusion Safety. Charn, Switzerland: Springer, 2025:17–32.