

## Beth De Souza

Research Data Analyst 2, Pediatric Anesthesiology

### Publications

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#### PUBLICATIONS

- **Response.** *Anesthesia and analgesia*  
Pan, S. J., De Souza, E., Anderson, T. A.  
2025
- **National Medical Expenditures Associated With Surgical Care Among Individuals in the United States.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*  
Groenewald, C. B., Rabbitts, J. A., De Souza, E., Anderson, T. A., Bicket, M. C.  
2025; 6 (4): e634
- **Intraoperative Methadone Versus Other Opioids: A Retrospective Review of Postoperative Outcomes in Pediatric Surgeries.** *Anesthesia and analgesia*  
Pan, S. J., De Souza, E., Anderson, T. A.  
2025
- **Hemodynamic Effects of Altering Tidal Volume During Positive Pressure Ventilation in the Fontan Circulation: A Randomized Crossover Trial.** *Paediatric anaesthesia*  
Navaratnam, M., Schmidt, A. R., Kaplinski, M., De Souza, E., Beattie, M. J., Rowe, E. V., Punn, R., Ramamoorthy, C.  
2025
- **Comparison of the Point-Of-Care Coagulation Device Quantra With the TEG-5000 for Congenital Cardiac Surgery-A Pilot Study.** *Paediatric anaesthesia*  
Ochocinski, D., Navaratnam, M., Babb, A., De Souza, E., Kamra, K., Sleasman, J. R., Margetson, T. D., Bhamidipati, J. K., Ramamoorthy, C., Schmidt, A. R.  
2025
- **Analgesic and Nonanalgesic Prescriptions Among Children and Adolescents With and Without Chronic Pain.** *Anesthesia and analgesia*  
De Souza, E., Lennig, M., Anderson, T. A.  
2024
- **Perioperative Regional Anesthesia Pain Outcomes in Children: A Retrospective Study of 3,160 Regional Anesthetics in Routine Practice.** *The Clinical journal of pain*  
Xie, J., De Souza, E., Perez, F., Suárez-Nieto, M. V., Wang, E., Anderson, T. A.  
2023
- **Association entre la dose peroperative dopioides et les issues en salle de reveil chez les enfants: une etude retrospective.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*  
King, M. R., De Souza, E., Anderson, T. A.  
2023
- **Pain Prevalence and Treatment in Hospitalized Children and Adolescents at a US Tertiary Pediatric Hospital.** *Clinical pediatrics*  
De Souza, E., Parvathinathan, G., Anderson, T. A.  
2023: 99228231196473
- **A Retrospective Study of Pain Intensity Among Pediatric Inpatients at a Single-Center in the US**  
Anderson, T., De Souza, E.  
LIPPINCOTT WILLIAMS & WILKINS.2023: 709-712

- **Racial/Ethnic Variability in Use of General Anesthesia for Pediatric Magnetic Resonance Imaging.** *Anesthesia and analgesia*  
Gan, Z., Rosenbloom, J. M., De Souza, E., Anderson, T. A.  
2023
- **Pediatric chronic post-surgical pain prevalence, pain scores, and quality-of-life: results of an exploratory patient survey at a single-center tertiary care children's hospital (vol 36, pg 606, 2022)** *JOURNAL OF ANESTHESIA*  
Dugan, M. Q., Delgado, J. R., De Souza, E., Anderson, T.  
2022
- **Association of Common Pediatric Surgeries with New Onset Chronic Pain in Patients 0-21 Years of Age in the United States.** *The journal of pain*  
Thapa, I., De Souza, E., Ward, A., Bambos, N., Anderson, T. A.  
2022
- **Enhanced Recovery After Cleft Palate Repair: A Quality Improvement Project.** *Paediatric anaesthesia*  
Esfahanian, M., Marcott, S. C., Hopkins, E., Burkart, B., Khosla, R., Lorenz, H. P., Wang, E., De Souza, E., Algaze-Yojay, C., Caruso, T. J.  
2022
- **Pediatric chronic post-surgical pain prevalence, pain scores, and quality-of-life: results of an exploratory patient survey at a single-center tertiary care children's hospital** *JOURNAL OF ANESTHESIA*  
Dugan, M. Q., Anderson, T., De Souza, E., Delgado, J. R.  
2022
- **Health Care Burden Associated With Adolescent Prolonged Opioid Use After Surgery.** *Anesthesia and analgesia*  
Cummings Joyner, A. K., King, M. R., Safranek, C., Parvathinathan, G., De Souza, E., Anderson, T. A.  
2022
- **Association of Race and Ethnicity with Pediatric Postoperative Pain Outcomes.** *Journal of racial and ethnic health disparities*  
Rosenbloom, J. M., De Souza, E., Perez, F. D., Xie, J., Suarez-Nieto, M. V., Wang, E., Anderson, T. A.  
2022
- **Visualizing Opioid-Use Variation in a Pediatric Perioperative Dashboard.** *Applied clinical informatics*  
Safranek, C. W., Feitzinger, L., Joyner, A. K., Woo, N., Smith, V., Souza, E. D., Vasilakis, C., Anderson, T. A., Fehr, J., Shin, A. Y., Scheinker, D., Wang, E., Xie, et al  
2022; 13 (2): 370-379
- **Pediatric Perioperative Methadone Dosing Trial: An Illustration of the Challenges in Conducting High-Quality Pediatric Anesthesia Research** *ANESTHESIA AND ANALGESIA*  
De Souza, E., Anderson, T.  
2021; 133 (2): 324-326
- **Prediction of Prolonged Opioid Use After Surgery in Adolescents: Insights From Machine Learning.** *Anesthesia and analgesia*  
Ward, A., Jani, T., De Souza, E., Scheinker, D., Bambos, N., Anderson, T. A.  
2021
- **Incidence of and Factors Associated With Prolonged and Persistent Postoperative Opioid Use in Children 0-18 Years of Age.** *Anesthesia and analgesia*  
Ward, A., De Souza, E., Miller, D., Wang, E., Sun, E. C., Bambos, N., Anderson, T. A.  
2020; 131 (4): 1237-1248
- **Association Between Race and Ethnicity with Intraoperative Analgesic Administration and Initial Recovery Room Pain Scores in Pediatric Patients: a Single-Center Study of 21,229 Surgeries.** *Journal of racial and ethnic health disparities*  
Jette, C. G., Rosenbloom, J. M., Wang, E., De Souza, E., Anderson, T. A.  
2020
- **Non-Opioid Analgesic Usage Among Pediatric Anesthesiologists: A Survey of Society for Pediatric Anesthesia Members.** *Paediatric anaesthesia*  
King, M. R., Wu, R. L., De Souza, E., Newton, M. A., Anderson, T. A.  
2020

- **Association Between Race and Ethnicity in the Delivery of Regional Anesthesia for Pediatric Patients: A Single-Center Study of 3189 Regional Anesthetics in 25,664 Surgeries.** *Anesthesia and analgesia*  
King, M. R., De Souza, E. n., Rosenbloom, J. M., Wang, E. n., Anderson, T. A.  
2019
- **Virtual Reality during Pediatric Vascular Access: A Pragmatic, Prospective Randomized, Controlled Trial.** *Paediatric anaesthesia*  
Caruso, T. J., George, A. n., Menendez, M. n., De Souza, E. n., Khoury, M. n., Kist, M. N., Rodriguez, S. T.  
2019
- **Case-control analysis of paternal age and trisomic anomalies.** *Archives of disease in childhood*  
De Souza, E., Morris, J. K.  
2010; 95 (11): 893-7
- **Down's syndrome: screening and antenatal diagnosis regionally in England and Wales 1989-2008.** *Journal of medical screening*  
De Souza, E., Alberman, E., Morris, J. K.  
2010; 17 (4): 170-5
- **Recurrence risks for trisomies 13, 18, and 21.** *American journal of medical genetics. Part A*  
De Souza, E., Halliday, J., Chan, A., Bower, C., Morris, J. K.  
2009; 149A (12): 2716-22
- **Down syndrome and paternal age, a new analysis of case-control data collected in the 1960s.** *American journal of medical genetics. Part A*  
De Souza, E., Alberman, E., Morris, J. K.  
2009; 149A (6): 1205-8