

CURRICULUM VITAE

Jose Salazar Osuna MD

**Assistant Professor
Department of Surgery
Division of Pediatric Surgery**

OFFICE ADDRESS:

Children's Corporate Center
999 N 92 St
Milwaukee, WI 53226

EDUCATION:

08/2001 - 02/2008 MD, Escuela de Medicina del Tec de Monterrey, Mexico

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

03/2009 - 03/2010 Post-Doctoral Research Fellow, Surgery, Pediatric Surgery, Johns Hopkins School of Medicine, Baltimore, MD

07/2010 - 06/2012 Preliminary Resident in General Surgery, Surgery, Johns Hopkins School of Medicine, Baltimore, MD

07/2012 - 06/2019 PhD in Clinical Investigation, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

07/2012 - 06/2014 Post-Doctoral Research Fellow, Surgery, Pediatric Surgery, Johns Hopkins School of Medicine, Baltimore, MD

07/2014 - 06/2017 Resident in General Surgery, Surgery, University of Maryland Medical Center, Baltimore, MD

07/2017 - 06/2018 Fellow in Pediatric Surgical Critical Care, Surgery, Pediatric Surgery, Medical College of Wisconsin, Milwaukee, WI

07/2018 - 07/2019 Post-Doctoral Research Fellow, Surgery, Pediatric Surgery, Medical College of Wisconsin, Milwaukee, WI

08/2019 - 07/2021 Fellow in Pediatric Surgery, Surgery, Pediatric Surgery, Medical College of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

09/01/2021 - Present Assistant Professor, Surgery, Pediatric Surgery, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

06/2004 - 06/2005 Student Association President, Escuela de Medicina del Tec de Monterrey, Monterrey

HOSPITAL STAFF PRIVILEGES:

09/01/2021 - Present Attending Physician, Surgery, Pediatric Surgery, Children's Wisconsin, Milwaukee, WI

09/01/2021 - Present Attending Physician, Columbia St. Mary's, Milwaukee, WI

09/01/2021 - Present Attending Physician, Aurora Sinai Medical Center, Milwaukee, WI

09/01/2021 - Present Attending Physician, Froedtert Hospital, Milwaukee, WI

09/01/2021 - Present Attending Physician, Marshfield Clinic, Marshfield, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Surgical Critical Care	09/24/2019	None

Surgery	09/24/2019	None
Pediatric Surgery	03/28/2023	None

AWARDS AND HONORS:

05/2011 Surgical Intern Colleague Award, Johns Hopkins Nursing
06/2017 Resident Teaching Award, University of Maryland General Surgery Residency Program

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2010 - Present American College of Surgeons (Associate Fellow)
2014 - Present American Pediatric Surgical Association (Candidate Member)
2017 - Present Association for Academic Surgery (Member)
2018 - Present International Pediatric Endosurgery Group (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Ad-Hoc Reviewer
Journal of the American College of Surgeons
Pediatrics
Surgery
Annals of Surgery
Journal of Pediatric Surgery

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Chang DC, Salazar-Osuna JH, Choo SS, Arnold MA, Colombani PM, Abdullah F. Benchmarking the quality of care of infants with low-risk gastroschisis using a novel risk stratification index. *Surgery*. 2010 Jun;147(6):766-71.
2. Choo S, Papandria D, Zhang Y, Camp M, **Salazar JH**, Scholz S, Rhee D, Chang D, Abdullah F. Outcomes analysis after percutaneous abdominal drainage and exploratory laparotomy for necrotizing enterocolitis in 4,657 infants. *Pediatr Surg Int*. 2011 Jul;27(7):747-53. PMID: PMC4696017
3. Rhee D, Zhang Y, Chang DC, Arnold MA, Salazar-Osuna JH, Chrouser K, Colombani PM, Abdullah F. Population-based comparison of open vs laparoscopic esophagogastric fundoplication in children: application of the Agency for Healthcare Research and Quality pediatric quality indicators. *J Pediatr Surg*. 2011 Apr;46(4):648-654.
4. Chang DC, Rhee DS, Zhang Y, **Salazar JH**, Chrouser K, Choo S, Colombani PM, Abdullah F. Evaluating metrics for quality: death on the same day of elective pediatric surgery. *Am J Med Qual*. 2012;27(3):195-200.
5. Papandria D, Goldstein SD, Rhee D, **Salazar JH**, Arlikar J, Gorgy A, Ortega G, Zhang Y, Abdullah F. Risk of perforation increases with delay in recognition and surgery for acute appendicitis. *J Surg Res*. 2013 Oct;184(2):723-9. PMID: PMC4398569
6. Papandria D, Arlikar J, Sacco Casamassima MG, Ortega G, **Salazar JH**, Zhang Y, Lukish J, Colombani P, Abdullah F. Increasing age at time of pectus excavatum repair in children: emerging consensus? *J Pediatr Surg*. 2013 Jan;48(1):191-6.
7. Rhee D, **Salazar JH**, Zhang Y, Yang J, Yang J, Papandria D, Ortega G, Goldin AB, Rangel SJ, Chrouser K, Chang DC, Abdullah F. A novel multispecialty surgical risk score for children. *Pediatrics*. 2013 Mar;131(3):e829-36.
8. Sacco Casamassima MG, **Salazar JH**, Papandria D, Fackler J, Chrouser K, Boss EF, Abdullah F. Use of risk stratification indices to predict mortality in critically ill children. *Eur J Pediatr*. 2014 Jan;173(1):1-13.
9. Garonzik-Wang JM, Brat G, **Salazar JH**, Dhanasopon A, Lin A, Akinkuotu A, O'Daly A, Elder B, Olino K, Burns W, Camp M, Lipsett PA, Freischlag JA, Haut ER. Missing consent forms in the preoperative area: a single-center assessment of the scope of the problem and its downstream effects. *JAMA Surg*. 2013 Sep;148(9):886-9.
10. Sacco Casamassima MG, Goldstein SD, **Salazar JH**, Papandria D, McIltrout KH, O'Neill DE, Abdullah F, Colombani PM. Operative management of acquired Jeune's syndrome. *J Pediatr Surg*. 2014 Jan;49(1):55-60; discussion 60.
11. Sacco Casamassima MG, Goldstein SD, **Salazar JH**, McIltrout KH, Abdullah F, Colombani PM.

- Perioperative strategies and technical modifications to the Nuss repair for pectus excavatum in pediatric patients: a large volume, single institution experience. *J Pediatr Surg*. 2014 Apr;49(4):575-82.
12. Aboagye J, Goldstein SD, **Salazar JH**, Papandria D, Okoye MT, Al-Omar K, Stewart D, Lukish J, Abdullah F. Age at presentation of common pediatric surgical conditions: Reexamining dogma. *J Pediatr Surg*. 2014 Jun;49(6):995-9.
 13. Goldstein SD, Papandria DJ, Aboagye J, **Salazar JH**, Van Arendonk K, Al-Omar K, Ortega G, Sacco Casamassima MG, Abdullah F. The "weekend effect" in pediatric surgery - increased mortality for children undergoing urgent surgery during the weekend. *J Pediatr Surg*. 2014 Jul;49(7):1087-91.
 14. **Salazar JH**, Goldstein SD, Yang J, Douaiher J, Al-Omar K, Michailidou M, Aboagye J, Abdullah F. Regionalization of the surgical care of children: a risk-adjusted comparison of hospital surgical outcomes by geographic areas. *Surgery*. 2014 Aug;156(2):467-74.
 15. **Salazar JH**, Yang J, Shen L, Abdullah F, Kim TW. Pediatric malignant hyperthermia: risk factors, morbidity, and mortality identified from the Nationwide Inpatient Sample and Kids' Inpatient Database. *Paediatr Anaesth*. 2014 Dec;24(12):1212-6.
 16. **Salazar JH**, Gabre-Kidan A, Ortega G, Scorpio D, Oldenburg G, Custis H, Ruben D, Albano M, Choo SS, Rhee DS, Fulton WB, Wang Q, Papandria D, Crino JP, Abdullah F. Extracorporeal fetal support: a new animal model with preservation of the placenta. *J Pediatr Surg*. 2014 Oct;49(10):1441-5.
 17. Van Arendonk KJ, Goldstein SD, **Salazar JH**, Kumar K, Lau HT, Colombani PM. A nipple-valve technique for ureteroneocystostomy in pediatric kidney transplantation. *Pediatr Transplant*. 2015 Feb;19(1):42-7.
 18. Michailidou M, Goldstein SD, Salazar J, Aboagye J, Stewart D, Efron D, Abdullah F, Haut ER. Helicopter overtriage in pediatric trauma. *J Pediatr Surg*. 2014 Nov;49(11):1673-7.
 19. Fox N, Schwartz D, **Salazar JH**, Haut ER, Dahm P, Black JH, Brakenridge SC, Como JJ, Hendershot K, King DR, Maung AA, Moorman ML, Nagy K, Petrey LB, Tesoriero R, Scalea TM, Fabian TC. Evaluation and management of blunt traumatic aortic injury: a practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Acute Care Surg*. 2015 Jan;78(1):136-46.
 20. Goldstein SD, Culbertson NT, Garrett D, **Salazar JH**, Van Arendonk K, McIltrout K, Felix M, Abdullah F, Crawford T, Colombani P. Thymectomy for myasthenia gravis in children: a comparison of open and thoracoscopic approaches. *J Pediatr Surg*. 2015 Jan;50(1):92-7.
 21. Lukish J, Pryor H, Rhee D, Salazar J, Goldstein S, Gause C, Stewart D, Abdullah F, Colombani P. A novel continuous stitch fundoplication utilizing knotless barbed suture in children with gastroesophageal reflux disease: a pilot study. *J Pediatr Surg*. 2015 Feb;50(2):272-4.
 22. Papandria D, Goldstein SD, **Salazar JH**, Cox JT, McIltrout K, Stewart FD, Arnold M, Abdullah F, Colombani P. A randomized trial of laparoscopic versus open Nissen fundoplication in children under two years of age. *J Pediatr Surg*. 2015 Feb;50(2):267-71.
 23. Michailidou M, Sacco Casamassima MG, Karim O, Gause C, **Salazar JH**, Goldstein SD, Abdullah F. Diagnostic imaging for acute appendicitis: interfacility differences in practice patterns. *Pediatr Surg Int*. 2015 Apr;31(4):355-61.
 24. Michailidou M, Goldstein SD, **Salazar JH**, Aboagye J, Stewart D, Efron DT, Abdullah F, Haut ER. Helicopter overtriage in pediatric trauma *Journal of Pediatric Surgery*. 1 March 2015;50(3):499-503.
 25. Fox N, Schwartz D, **Salazar JH**, Haut ER, Dahm P, Black JH, Brakenridge SC, Como JJ, Hendershot K, King DR, Maung AA, Moorman ML, Nagy K, Petrey LB, Tesoriero R, Scalea TM, Fabian TC. Evaluation and management of blunt traumatic aortic injury: a practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Nurs*. 2015;22(2):99-110.
 26. Roxbury CR, Yang J, Salazar J, Shah RK, Boss EF. Safety and postoperative adverse events in pediatric otologic surgery: analysis of American College of Surgeons NSQIP-P 30-Day outcomes. *Otolaryngol Head Neck Surg*. 2015 May;152(5):790-5.
 27. Goldstein SD, Van Arendonk K, Aboagye JK, **Salazar JH**, Michailidou M, Ziegfeld S, Lukish J, Stewart FD, Haut ER, Abdullah F. Secondary overtriage in pediatric trauma: can unnecessary patient transfers be avoided? *J Pediatr Surg*. 2015 Jun;50(6):1028-31.
 28. Michailidou M, Goldstein SD, Sacco Casamassima MG, **Salazar JH**, Elliott R, Hundt J, Abdullah F. Laparoscopic versus open appendectomy in children: the effect of surgical technique on healthcare costs. *Am J Surg*. 2015 Aug;210(2):270-5.
 29. Goldstein SD, Pryor H, **Salazar JH**, Dalesio N, Stewart FD, Abdullah F, Colombani P, Lukish JR. Ultrasound-Guided Percutaneous Central Venous Access in Low Birth Weight Infants: Feasibility in the Smallest of Patients. *J Laparoendosc Adv Surg Tech A*. 2015 Sep;25(9):767-9.
 30. Michailidou M, Sacco Casamassima MG, Goldstein SD, Gause C, Karim O, **Salazar JH**, Yang J, Abdullah

- F. The impact of obesity on laparoscopic appendectomy: Results from the ACS National Surgical Quality Improvement Program pediatric database. *J Pediatr Surg.* 2015 Nov;50(11):1880-4.
31. Klaus SA, Frank SM, **Salazar JH**, Cooper S, Beard L, Abdullah F, Fackler JC, Heitmiller ES, Ness PM, Resar LM. Hemoglobin thresholds for transfusion in pediatric patients at a large academic health center. *Transfusion.* 2015 Dec;55(12):2890-7.
 32. **Salazar JH**, Goldstein SD, Yang J, Gause C, Swarup A, Hsiung GE, Rangel SJ, Goldin AB, Abdullah F. Regionalization of Pediatric Surgery: Trends Already Underway. *Ann Surg.* 2016 Jun;263(6):1062-6.
 33. Abdullah F, **Salazar JH**, Gause CD, Gadepalli S, Biester TW, Azarow KS, Brandt ML, Chung DH, Lund DP, Rescorla FJ, Waldhausen JH, Tracy TF, Fallat ME, Klein MD, Lewis FR, Hirschl RB. Understanding the Operative Experience of the Practicing Pediatric Surgeon: Implications for Training and Maintaining Competency. *JAMA Surg.* 2016 Aug 01;151(8):735-41.
 34. Gause CD, Casamassima MGS, Yang J, Hsiung G, Rhee D, **Salazar JH**, Papandria D, Pryor HI 2nd, Stewart D, Lukish J, Colombani P, Chandler NM, Johnson E, Abdullah F. Laparoscopic versus open inguinal hernia repair in children ?3: a randomized controlled trial. *Pediatr Surg Int.* 2017 Mar;33(3):367-376.
 35. Kalsi R, Drucker CB, **Salazar JH**, Luther LI, Diaz JJ, Kundi R. Blunt multifocal aortic injury with abdominal aortic intimo-intimal intussusception Journal of Vascular Surgery Cases and Innovative Techniques. March 2018;4(1):37-40.
 36. Landisch RM, Loomba RS, **Salazar JH**, Buelow MW, Frommelt M, Anderson RH, Wagner AJ. Is isomerism a risk factor for intestinal volvulus? *J Pediatr Surg.* 2018 Jun;53(6):1118-1122.
 37. Kovler ML, Garcia AV, Beckman RM, **Salazar JH**, Vacek J, Many BT, Rizeq Y, Abdullah F, Goldstein SD. Conversion From Venovenous to Venoarterial Extracorporeal Membrane Oxygenation Is Associated With Increased Mortality in Children. *J Surg Res.* 2019 Dec;244:389-394.
 38. **Salazar JH**, Spanbauer C, Sood MR, Densmore JC, Van Arendonk KJ. Variability in the Method of Gastrostomy Placement in Children. *Children (Basel).* 2020 Jun 01;7(6). PMID: PMC7346129
 39. **Salazar JH**, Goldstein SD, Swarup A, Boss EF, Van Arendonk KJ, Abdullah F. Transfusions in Children's Surgery: Characterization and Development of a Model for Benchmarking Journal of Surgical Research. August 2020;252:47-56.
 40. Bence CM, **Salazar JH**, Flynn-O'Brien KT, Mokdad AA, Gourlay DM, Van Arendonk KJ. Outcomes of gastrostomy placement with and without concomitant tracheostomy among ventilator dependent children. *J Pediatr Surg.* 2021 Jul;56(7):1222-1226.
 41. Buonpane CL, Vacek J, Harris CJ, Salazar Osuna JH, Van Arendonk KJ, Hunter CJ, Goldstein SD. Controversy in the classification of appendicitis and utilization of postoperative antibiotics. *Surgery.* 2022 Apr;171(4):1022-1026.
 42. Georgeades C, Mowrer A, Ortega G, Abdullah F, **Salazar JH**. Improved Mortality of Patients with Gastroschisis: A Historical Literature Review of Advances in Surgery and Critical Care from 1960–2020 Children. October 2022;9(10).
 43. Marquart J, **Salazar JH**, Bergner C, Farazi M, Van Arendonk KJ. Location of Treatment Among Infants Requiring Complex Surgical Care. *J Surg Res.* 2023 Dec;292:214-221.
 44. Gross K, Georgeades C, Bergner C, Van Arendonk KJ, **Salazar JH**. Preoperative Risk Factors and Postoperative Complications of COVID-Positive Children Requiring Urgent or Emergent Surgical Care. *J Pediatr Surg.* 2024 Apr;59(4):686-693.
 45. **Salazar JH**, Aiken JJ. Inguinal Hernias Nelson Textbook of Pediatrics: Volume 1-2. 1 January 2024:2415-2421.e1.