

Curriculum Vitae

I. Personal Data

John Horton, COL, MC, USA

Work email: john.d.horton32.mil@health.mil

II. Current Position

Deputy Consultant to the Surgeon General (Surgery)

Chief Pediatric Surgery

Madigan Army Medical Center

Tacoma, WA 98431

III. Education

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
2004	MD	Uniformed Services University
1999	BA	Southern Methodist University

IV. Post Graduate Education

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2012	Pediatric Surgery Fellow	Oregon Health and Science University
2010	General Surgery Resident	William Beaumont Army Medical Center

V. Academic Appointments

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2014	Assistant Professor	Uniformed Services University
2015	Affiliate Assistant Professor	Oregon Health and Science University
2016	Clinical Assistant Professor Pediatrics and Surgery	University of Washington

VI. Military Service

<u>Previous Assignments</u>	<u>Date</u>	<u>Duty Title</u>
Madigan Army Medical Center	2018-present	Deputy Consultant (Surgery) OTSG
	2018-present	Surgery Consultant to RHC-P
	2015-2017	Associate Program Director

2012-2014 Staff Pediatric Surgeon

<u>Deployments</u>	<u>Date</u>	<u>Location</u>
8 th Forward Surgical Team	2014	Afghanistan
628 th Forward Surgical Team	2016	Afghanistan
555 th Forward Surgical Team	2018	Afghanistan
932 nd Forward Surgical Team	2019	Afghanistan

VII. Board Certifications

<u>Certification Boards</u>	<u>Date</u>	<u>Number</u>
Pediatric Surgery, American Board of Surgery	2014	001277
General Surgery, American Board of Surgery	2011	55944

VIII. State Licenses

<u>License</u>	<u>Date</u>	<u>Number</u>
Alaska	2015	100960
Illinois	2012	036131051
Montana	2022	116547
New Jersey	2017	25MA10206500
Oregon	2012	MD160235
Pennsylvania	2014	MD452461
South Carolina	2021	MD85445
Texas	2017	R2624
Virginia	2021	0101271609
Washington	2012	60295888

IX. Membership in Scientific Societies/Professional Organizations

Excelsior Surgical Society, Treasurer 2022-present
Western Trauma Association, member 2021-present
Pacific Coast Surgical Association, member 2019-present
International Pediatric Endosurgery Group, member 2017-present
American College of Surgeons, Fellow 2014-present
American Pediatric Surgery Association, member 2013-present

X. Areas of Research Interest

Maintenance of surgical readiness for Army surgeons
Combat injuries in the pediatric population
Predictors of injury severity in pediatric trauma
Minimally invasive pediatric surgery

XI. Research Protocols

No active protocols

XII. Teaching Activities

XIa. Local Teaching

Advanced Trauma Life Support (ATLS) instructor, 2016-present
Pediatric Surgery lectures for medical students 2-3 times per month, 2012-present
University of Washington General Surgery Clerkship Director, 2015-2019
USUHS General Surgery Clerkship Director, 2015-2019

XIb. Regional/National Teaching

Course instructor, thoracoscopic lobectomy, APSA May 2017
Course instructor, thoracoscopic esophageal atresia repair, APSA May 2017

XIII. Other Professional Activities

Consultant, American Board of Surgery, Pediatric Surgery Continuous Certification
Assessment (question writing/review), 2020-current

XIV. Clinical Activities

Pediatric Surgery Attending: 5-7 days per week, 10-12 months per year

XV. Committees

Puget Sound Military Health System Pediatric Consortium - Surgery Representative,
2015-present
Madigan Risk Management Committee, Surgery Consultant, 2016-2018
American Pediatric Surgery Association Education Committee Member, 2015-2018
Surgical Care and Outcomes Assessment Program (SCOAP) - Madigan Pediatric
Surgery Representative, 2015-2017
Graduate Medical Education Committee member, 2005-2010

XVI. Honors and Awards

XVa. Military Awards

AMEDD "A" Proficiency Designator, 2023
Army Commendation Medal with five bronze Oak Leave Clusters, 2008-2023
Order of Military Medical Merit (O2M3), 2022

Meritorious Service Medal, 2022
Combat Action Badge, 2019
Afghanistan Campaign Medal with 3 bronze campaign stars, 2014-2019
NATO Medal, 2016 and 2018
Army Achievement Medal, 2005

XVb. Academic Awards

LTC Joseph Munaretto Outstanding Educator Award, 2023
Best Educator Award, Madigan General Surgery Residency, 2021
Excellence in Teaching Award, Madigan Pediatric Residency, 2015
Outstanding Resident Researcher, William Beaumont Army Medical Center, 2007
Outstanding Surgical Intern, William Beaumont Army Medical Center, 2005
Uniformed Services University Award for Academic Excellence in Surgery, 2003

XVII. Bibliography

XVIIa. Peer Reviewed Journals

- [1] Williams J; Prey B; Francis A; Weykamp M; Liu B; Parsons M; Vu M; Franko J; Roedel E; **Horton JD**; Bingham J; Mentzer S; Kuckelman J. Bioadhesive patch as a parenchymal sparing treatment of acute traumatic pulmonary air leaks. *Journal of Trauma and Acute Care Surgery*. 2023; Nov; 95(5): 679-84. 36973876
- [2] Schultz SP, Holtstaul T, Marengo CW, Bader JO, **Horton JD**, Nelson DW. Prognostic Role of Lymph Node Sampling in Adolescent and Young Adults with Fibrolamellar Carcinoma. *Journal of Surgical Research*. 2022; Aug; 276: 261-71. (PMID: 35398630)
- [3] Lammers DT, Williams J, Conner J, Francis A, Prey B, Marengo CW, Morte K, **Horton JD**, Barlow M, Escobar MA, Bingham JR, Eckert MJ. Utilization of Machine Learning Approaches to Predict Mortality in Pediatric Warzone Casualties. *Military Medicine*. 2022; Jun; USAC171. (PMID: 35730578)
- [4] Lammers DT, Marengo CW, Morte KR, Conner JR, **Horton JD**, Barlow M, Martin MJ, Bingham JR, Eckert MJ, Escobar MA Jr. Addition of Neurological Status to Pediatric Adjusted Shock Index to Predict Early Mortality in Trauma: A Pediatric TQIP Analysis. *Journal of Trauma and Acute Care Surgery*. 2021; Oct 1; 91(4): 584-89. (PMID: 33783419)
- [5] Marengo CW, Do WS, Lammers DT, Do WS, **Horton JD**, Morte KR, Eckert MJ. Dynamic Trend of Static Variable: Shock Index Pediatric-Adjusted (SIPA) in Warzone Trauma. *Journal of Pediatric Surgery*. 2021; 56(2): 405-11. (PMID: 33308824)

- [6] Marengo CW, Do WS, Lammers DT, **Horton JD**, Azarow K, Eckert MJ. Validation of Shock Index Pediatric-Adjusted (SIPA) for Children Injured in Warzones. *Journal of Trauma and Acute Care Surgery*. 2020; 89(4):642-8. (PMID: 32176178)
- [7] Lammers DT, Marengo CW, Do WS, Conner JR, **Horton JD**, Martin MJ, Escobar MA, Bingham JR, Eckert MJ. Pediatric Adjusted Reverse Shock Index Multiplied by Glasgow Coma Scale as a Prospective Predictor for Mortality in Pediatric Trauma. *Journal of Trauma and Acute Care Surgery*. 2021; 90(1): 21-6. (PMID: 32976326)
- [8] Do WS, Marengo, CW, **Horton JD**, Escobar MA. Predictors of bowel resection during non-elective Ladd procedure for pediatric malrotation. *Journal of Surgical Research*. 2019; 243: 419-6. (PMID: 31279268)
- [9] Nestander M, Hossain N, **Horton J**, Hefner J. Case 4: Recurrent Abdominal Pain and Vomiting in a 13-year-old Boy. *Pediatr Rev* 2017;38(10):491-2. (PMID: 28972054)
- [10] Langer JC, Rollins MD, Levitt M, Gosain A, Torre L, Kapur RP, Cowles RA, **Horton J**, Rothstein DH, Goldstein, AM. Guidelines for the management of postoperative obstructive symptoms in children with Hirschsprung disease. *Pediatric surgery international* 2017. (PMID: 28180937)
- [11] **Horton JD**, Black GEIV, Escobar MA, Jr. Interval laparoscopic ileocecectomy in a child with cecal diverticulitis. *Journal of Pediatric Surgery Case Reports* 2017;17:20-4.
- [12] Gosain A, Frykman PK, Cowles RA, **Horton J**, Levitt M, Rothstein DH, et al. Guidelines for the diagnosis and management of Hirschsprung-associated enterocolitis. *Pediatric surgery international* 2017. (PMID: 28154902)
- [13] Zwintscher NP, **Horton JD**, Steele SR. Obesity has minimal impact on clinical outcomes in children with inflammatory bowel disease. *Journal of pediatric surgery* 2014;49(2):265-8; discussion 8. (PMID: 24528963)
- [14] Zwintscher NP, Azarow KS, **Horton JD**. Morbidity and mortality associated with liver resections for primary malignancies in children. *Pediatric surgery international* 2014;30(5):493-7. (PMID: 24648002)
- [15] Zwintscher NP, Azarow KS, **Horton JD**, Newton CR, Martin MJ. The increasing incidence of adolescent bariatric surgery. *Journal of pediatric surgery* 2013;48(12):2401-7. (PMID: 24314178)
- [16] Brown S, **Horton J**, Rosario D, Dorsey DA, Hetz S, King CS. High-grade primary pulmonary B cell lymphoma presenting as a necrotic mass. *Respir Care* 2011;56(6):871-3. (PMID: 21333085)

- [17] Brown SR, **Horton JD**, Trivette E, Hofmann LJ, Johnson JM. Bochdalek hernia in the adult: demographics, presentation, and surgical management. *Hernia* 2010. (PMID: 20614149)
- [18] Olson M, Grewal K, Bingaman A, Basi P, Stewart S, **Horton J**, et al. International Survey of the Management and Treatment of Patients with HCV and ESRD. *Exp Clin Transplant* 2009;7(4):203-13. (PMID: 20353368)
- [19] **Horton JD**, Lee S, Brown SR, Bader J, Meier DE. Survival trends in children with hepatoblastoma. *Pediatric surgery international* 2009;25(5):407-12. (PMID: 19308432)
- [20] **Horton JD**, Hofmann LJ, Lee S, Dickerson JA, Steele SR, Johnson JM. Elective inguinal hernia repair during Operation Iraqi Freedom. *Military medicine* 2009;174(3):299-301. (PMID: 19354095)
- [21] Brown SR, **Horton JD**, Davis KG. Perirectal abscess infections related to MRSA: a prevalent and underrecognized pathogen. *Journal of surgical education* 2009;66(5):264-6. (PMID: 20005498)
- [22] San Miguel FL, Spurbeck W, Budding C, **Horton J**. Kaposiform hemangioendothelioma: a rare cause of spontaneous hemothorax in infancy. Review of the literature. *Journal of pediatric surgery* 2008;43(1):e37-41. (PMID: 18206444)
- [23] Kembro RJ, **Horton JD**, Wagner M. Use of recombinant factor VIIa in Operation Iraqi Freedom and Operation Enduring Freedom: survey of Army surgeons. *Military medicine* 2008;173(11):1057-9. (PMID: 19055178)
- [24] **Horton JD**, San Miguel FL, Ortiz JA. Budd-Chiari syndrome: illustrated review of current management. *Liver Int* 2008;28(4):455-66. (PMID: 18339072)
- [25] **Horton JD**, Hofmann LJ, Hetz SP. Presentation and management of Morgagni hernias in adults: a review of 298 cases. *Surgical endoscopy* 2008;22(6):1413-20. (PMID: 18347869)
- [26] **Horton JD**, DeZee KJ, Wagner M. Use of rFVIIa in the trauma setting--practice patterns in United States trauma centers. *The American surgeon* 2008;74(5):413-7. (PMID: 18481498)
- [27] **Horton JD**, Dezee KJ, Ahnfeldt EP, Wagner M. Abdominal wall endometriosis: a surgeon's perspective and review of 445 cases. *American journal of surgery* 2008;196(2):207-12. (PMID: 18513698)

XVIb. Book Chapters

- [1] Holtestaul TA, **Horton JD**. Initial Trauma Resuscitation. In: *Pediatric Trauma Care: A Practical Guide*. Springer International Publishing: 77-90. 2023
- [2] Holtestaul TA, **Horton JD**. Perineal Injuries. In: *Pediatric Trauma Care: A Practical Guide*. Springer International Publishing: 339-346. 2023
- [3] Lammers DT, Marenco CW, Do W, **Horton J**. Out and out it goes...where it stops...who knows. In: *Pediatric Traumatic Emergencies*. Oxford University Press: 23-32. 2019
- [4] Arbuthnot MK, Duron V, **Horton J**, Stylianos S, McClellan JM, Do WS, Azarow K, Jafri M, Yonge JD, Naiditch J. (Published December 14, 2018). Trauma Laparotomy. *Pediatric Surgery NaT*, APSA Webapp. Retrieved from https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829214/all/Trauma_Laparotomy.
- [5] Do WS, Spyrakos SB, **Horton J**, McClellan JM. (Published July 16, 2018). Pulmonary Abscess. *Pediatric Surgery NaT*, APSA Webapp. Retrieved from https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829695/all/Pulmonary_Abscess.
- [6] **Horton JD**, Krishnaswami S, Minimally Invasive Pediatric Surgery: General Considerations, In: *Atlas of Minimally Invasive Surgical Operations*, JG Hunter ed., McGraw Hill Education: 444-9. 2018.
- [7] **Horton JD**, Krishnaswami S, Pediatric Laparoscopic Inguinal Hernia Repair, In: *Atlas of Minimally Invasive Surgical Operations*, JG Hunter ed., McGraw Hill Education: 450-5. 2018
- [8] **Horton JD**, Krishnaswami S, Pyloromyotomy for Pyloric Stenosis, In: *Atlas of Minimally Invasive Surgical Operations*, JG Hunter ed., McGraw Hill Education: 456-7. 2018
- [9] **Horton JD**, Krishnaswami S, Repair of Congenital Diaphragmatic Hernia of Bochdalek, In: *Atlas of Minimally Invasive Surgical Operations*, JG Hunter ed., McGraw Hill Education: 458-3. 2018
- [10] **Horton JD**, Krishnaswami S, Endorectal Pull-Through for Hirschsprung Disease, In: *Atlas of Minimally Invasive Surgical Operations*, JG Hunter ed., McGraw Hill Education: 464-470. 2018
- [11] **Horton, JD**. (Published March 2017) Esophageal Atresia and Tracheoesophageal Fistula. *Pediatric Surgery NaT – Resident and Student Handbook*, APSA Webapp. Retrieved from [https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829035/all/Esophageal Atresia and Tracheoesophageal Fistula?q=Esophageal%20Atresia%20and%20tracheoesophageal%20fistula#p127](https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829035/all/Esophageal%20Atresia%20and%20tracheoesophageal%20fistula?q=Esophageal%20Atresia%20and%20tracheoesophageal%20fistula#p127)

- [12] Horton, JD. (Published March 2017) Gastroschisis. *Pediatric Surgery NaT – Resident and Student Handbook*, APSA Webapp.
<https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829060/all/Gastroschisis?q=Gastroschisis#pl27>

XVIc. Other publications

None

XVIId. Podium Presentations

- [1] Do WS, Marengo CW, Cuadrado DG, **Horton JD**. Minimally invasive maneuvers for type B tracheoesophageal fistula and long gap esophageal atresia: Thoracoscopic ligation, endoscopic stenting. Virtual presentation at the 30th Annual International Pediatric Endosurgery Group, June 14, 2021.
- [2] Marengo CW, Do WS, Lammers DT, **Horton JD**, Escobar MA, Eckert MJ. “Shock Index Pediatric-Adjusted (SIPA) As a Predictor of Pediatric Massive Transfusion in Warzone Trauma”, Joseph Tepas Paper Competition Webinar, 7th Annual Meeting, Pediatric Trauma Society, November 5, 2020.
- [3] Marengo CW, Do WS, Lammers DT, Morte KR, Bingham JR, **Horton JD**, Eckert MJ. “Dynamic Trend or Static Variable: Shock Index Pediatric-Adjusted (SIPA) in Warzone Trauma.” 2020 Annual Meeting, Western Pediatric Trauma Conference, Huntington Beach, CA, July 14-17, 2020. (Accepted as a podium presentation at the 2020 Western Pediatric Trauma Conference but not presented due to the COVID-19 pandemic.)
- [4] Marengo CW, Do WS, Lammers DT, **Horton JD**, Azarow K, Eckert MJ. “Validation of Shock Index Pediatric-Adjusted (SIPA) for Children Injured in Warzones”, 2020 Annual Madigan Research Day, Department of Clinical Investigation, Madigan Army Medical Center, Tacoma, WA, May 18, 2020.
- [5] Marengo CW, Do WS, Lammers DT, **Horton JD**, Azarow K, Eckert MJ. “Validation of Shock Index Pediatric-Adjusted (SIPA) for Children Injured in Warzones”, 6th Annual Meeting, Pediatric Trauma Society, San Diego, CA, November 15, 2019.
- [6] Do WS, Marengo CW, **Horton JD**, Escobar MA. Predictors of bowel resection during non-elective Ladd for pediatric malrotation. Oral presentation at the 14th Annual Academic Surgical Congress, Houston, TX, February 5, 2019.
- [7] **Horton JD**, Cox CS, Hayes-Jordan A, Lally KP, Andrassy RJ, Tsao K: “Computed Tomographic Angiography in Pediatric Trauma,” 5th Annual Academic Surgical Congress, San Antonio, Texas, February 3-5, 2010

- [8] **Horton JD**, Lee S, Brown SR, Bader J, Meier DE: "Survival Trends in Children with Hepatoblastoma," 30th Annual Gary P. Wratten Surgical Symposium, Tacoma, Washington, May 20-22, 2009
- [9] **Horton JD**, Lee S, Brown SR, Bader J, Meier DE: "Prognostic Factors Among Children with Hepatoblastoma," British Association of Paediatric Surgeons, 55th Annual International Congress, Salamanca, Spain, July 2-5, 2008
- [10] **Horton JD**, Brown SR, Wagner M, Johnson JM: "Bochdalek Hernia in the Adult: Demographics, Presentation, and Surgical Management," 2008 Annual Meeting, South Texas Chapter, American College of Surgeons, Houston, Texas, February 28, 29 & March 1, 2008
- [11] **Horton JD**, Wagner M, "Abdominal Wall Endometriosis: A Surgeon's Perspective and Review of 445 cases," 28th Annual Gary P. Wratten Surgical Symposium, Honolulu, Hawaii, May 7-9, 2007
- [12] **Horton JD**, Hetz SP, "Adult Presentation of Morgagni Hernias: A Review of 298 Cases," 28th Annual Gary P. Wratten Surgical Symposium, Honolulu, Hawaii, May 7-9, 2007

XVIe. Poster Presentations

- [1] Marengo CW, Do WS, Lammers DT, Escobar MA, **Horton JD**. "Contemporary Practice Patterns Regarding Approach to Surgical Repair of Esophageal Atresia with Tracheoesophageal Fistula in the Neonatal Period." Poster presented at: Combined WA-OR American College of Surgeons Annual Meeting. 2019 Jun 13-16. Chelan, WA.
- [2] Coleman JC, **Horton JD**, Johnson JM, "Presentation, Demographics, and Surgical Management of Bochdalek Hernias Adults," SAGES 2009 Annual Meeting, Phoenix, Arizona, April 22-25, 2009
- [3] **Horton JD**, DeZee KJ, Wagner M, "Use of rFVIIa in the Trauma Setting - Practice Patterns in United States Trauma Centers," Southeastern Surgical Congress 2008 Annual Scientific Meeting, Birmingham, Alabama, February 9-12, 2008
- [4] Remick KN, **Horton JD**, Schriver JP, "Management of Choledocholithiasis Among the United States Army General Surgeons," SAGES 2007 Annual Meeting, Las Vegas, Nevada, April 18-22, 2007
- [5] **Horton JD**, Johnson JM, "Elective Inguinal Hernia Repair During Operation Iraqi Freedom," 10th Annual Meeting of the American Hernia Society, Hollywood, Florida, March 7-11, 2007

