

## **Brittany Aicher, MD**

**Hometown:** Wausau, WI

**Undergrad:** Smith College

**Surgical Specialty Interest:** Vascular

**Hobbies:** Hiking, cooking, yoga/pilates, reading, puzzles

### **Publications:**

Aicher BO, Betancourt-Ramirez A, Grossman MD, Hernandez MC, Zielinski MD, Heise H, Schroepfel TJ, Kongkaewpaisan N, Kaafarani H, Wagner A, Grabo D, Scott M, Peck G, Chang G, Matsushima K, Cullinane D, Cullinane L, Stocker B, Posluszny J, Simonoski UJ, Catalano RD, Vasileiou G, Agrawal V, Truitt MS, Pickett M, Dultz L, Muller A, Ong AW, San Roman JL, Barth N, Fackelmayer O, Velopulos CG, Hendrix C, Estroff JM, Gambhir S, Nahmias J, Jeyamurugan K, Bugaev N, Portillo V, Carrick MM, O'Meara LB, Kufera J, Yeh DD, Bruns BR. Validation of the AAST EGS grading system for colorectal resection – An EAST multicenter study. Accepted – Am J Surg.

El Hechi M, Kongkaewpaisan N, Naar L, Aicher B, Diaz J Jr, O'Meara L, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh D, Simonoski U, Turay D, Cullinane D, Emmert C, McCrum M, Wall N, Badach J, Goldenberg-Sanda A, Carmichael H, Velopulos C, Choron R, Sakran J, Bekdache K, Black G, Shoultz T, Chadnick Z, Sim V, Madbak F, Steadman D, Camazine M, Zielinski M, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos V, Tsoufias G, Perez J, Kaafarani H. The Emergency Surgery Score (ESS) Accurately Predicts the Need for Post-Discharge Respiratory and Renal Support after Emergent Laparotomies: A Prospective Multicenter Study. Accepted - J Trauma Acute Care Surg.

El Hechi M, Kongkaewpaisan N, El Moheb M, Aicher B, Diaz J Jr, O'Meara L, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh D, Simonoski U, Turay D, Cullinane D, Emmert C, McCrum M, Wall N, Badach J, Goldenberg-Sanda A, Carmichael H, Velopulos C, Choron R, Sakran J, Bekdache K, Black G, Shoultz T, Chadnick Z, Sim V, Madbak F, Steadman D, Camazine M, Zielinski M, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos V, Tsoufias G, Perez J, Kaafarani H. The emergency surgery score (ESS) and outcomes in elderly patients undergoing emergency laparotomy: An EAST Multicenter Cohort Study. Accepted – Am J Surg.

Xu C, Tolaymat B, Aicher BO, Flentje AO, Endicott K, Taylor M, Sahajwani S, Nagarsheth KJ. Distal superior mesenteric artery endarterectomy remains an excellent option for mesenteric revascularization in the endovascular era. Accepted – Ann Vasc Surg.

Aicher BO, Hernandez MC, Betancourt-Ramirez A, Grossman MD, Heise H, Schroepfel TJ, Kongkaewpaisan N, Kaafarani H, Wagner A, Grabo D, Scott M, Peck G, Chang G, Matsushima K, Cullinane D, Cullinane L, Stocker B, Posluszny J, Simonoski UJ, Catalano RD, Vasileiou G, Yeh DD, Agrawal V, Truitt MS, Pickett M, Dultz L, Muller A, Ong AW, San Roman JL, Barth N, Fackelmayer O, Velopulos CG, Hendrix C, Estroff JM, Gambhir S, Nahmias J, Jeyamurugan K, Bugaev N, O'Meara LB, Kufera J, Zielinski MD, Bruns BR. Colorectal resection in Emergency General Surgery: An EAST Multicenter Study. Accepted – J Trauma Acute Care Surg.

Kaafarani HMA, Kongkaewpaisan N, Aicher BO, Diaz JJ Jr., O'Meara LB, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh DD, Simonoski UJ, Turay D, Cullinane DC, Emmert CB, McCrum M, Wall N, Badach J, Goldenberg-Sanda A, Carmichael H, Velopulos C, Choron R, Sakran JV, Bekdache K, Black B, Shoultz T, Chadnick A, Sim V, Madbak F, Steadman D, Camazine M, Zielinski MD, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos VN, Tsoufias G, Perez JM, Velmahos G. Prospective validation of the Emergency Surgery Score (ESS) in Emergency General Surgery: An EAST Multicenter Study. J Trauma Acute Care Surg. 2020. PMID: 32176177.

Farhat-Sabet A, Aicher BO, Tolaymat B, Coca-Soliz V, Lubek JE, Ucuzian AA, Toursavatkohi S. An alternative approach to the high carotid bifurcation. Vasc & Endovasc Surg. 2020;65:240-6. PMID: 31726200.

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Tolaymat B, Irizarry K, Reif M, Drucker CB, Aicher BO, Sarkar R, Toursavadkahi S, Monahan TS. Considerations beyond stenosis for carotid endarterectomy in treating free-floating thrombus of the carotid artery. *Ann Vasc Surg*. 2019;60:221-8. PMID: 31077769.

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Aicher BO, Mukhopadhyay S, Lu X, Muratoglu SC, Strickland DK, Ucuzian AA. Quantitative micro-CT analysis of aortopathy in a mouse model of B-aminopropionitrile-induced aortic aneurysm and dissection. *J Vis Exp*. 2018(137). PMID: 30059027.

Talaie T, Drucker C, Aicher BO, Khalifeh A, Lal B, Sarkar R, Toursavadkahi S. Endovascular thrombectomy of septic thrombophlebitis of the IVC: Case report and review of the literature. *Vasc Endovascular Surg*. 2018;52(8):641-647. PMID: 29898647.

Talaie T, Werter C, Drucker C, Aicher BO, Crawford R, Toursavadkahi S. Laser fenestration for treatment of a complicated chronic Type B aortic dissection. *Vasc Endovascular Surg*. 2018;52(3):212-217. PMID: 29554863.

Wehman B, Mazzeffi M, Chow R, Watkins AC, Aicher B, Pham S, Burrows W, Taylor B. Thoracoscopic sympathectomy for refractory electrical storm after coronary artery bypass grafting. *Ann Thorac Surg*. 2018;105(3):e99-101. PMID: 29455831.

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Aicher BO, Frishman WH. Electronic Cigarettes: Questions in the mist. *Cardiol Rev*. 2016;24(6):261-267. PMID: 27548689.

Aicher BO, Carnie A, Lin J, Leon B, Courville AB, Sebring NG, de Jesus J, Dellavalle DM, Fitzpatrick BD, Zalos G, Powell-Wiley TM, Chen KY, Cannon RO. Randomized trial of nutrition education added to internet-based information and exercise at the workplace for weight loss in a racially diverse population of overweight women. *Nutr Diabetes*. 2013;3(98):2044-2052. PMID: 24366370.

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Vazquez E, Sethi AA, Freeman L, Zalos G, Chaudhry H, Haser E, Aicher BO, Aponte A, Gucek M, Kato GJ, Waclawiw MA, Remaley AT, Cannon RO. High-density lipoprotein cholesterol efflux, nitration of apolipoprotein A-I and endothelial function in obese women. *Am J Cardiol*. 2012;109(4):527-532. PMID: 22105786.

Thomas M, Haas TS, Doerer JJ, Hodges JS, Aicher BO, Garberich RF, Mueller FO, Cantu RC, Maron BJ. Epidemiology of sudden death in young, competitive athletes due to blunt trauma. *Pediatrics*. 2011;128(1):e1-8. PMID: 21690117.

#### **Presentations:**

Laparoscopy is safe in Emergency General Surgery. Aicher BO, Betancourt-Ramirez A, Grossman MD, Heise H, Schroepel TJ, Hernandez MC, Zielinski MD, Kongkaewpaisan N, Kaafarani H, Wagner A, Grabo DJ, Scott MT, Peck GL, Chang G, Matsushima K, Cullinane LM, Cullinane DC, Stocker BW, Posluszny J, Simonoski UJ, Catalano RD, Vasileiou G, Yeh DD, Agrawal V, Truitt M, Pickett M, Dultz L, Muller A, Ong AW, San Roman JL, Fackelmayer O, Velopulos C, Hendrix C, Estroff J, Gambhir S, Jeyamurugan K, Bugaev N, Portillo V, Carrick MM, O'Meara L, Kufera JA, Bruns BR SAGES, Ohio (Accepted for Presentation – Meeting cancelled due to COVID 19)

Validation of the AAST EGS grading system for colorectal resection – An EAST Multicenter Study Aicher BO, Betancourt-Ramirez A, Grossman MD, Heise H, Schroepfel TJ, Hernandez MC, Zielinski MD, Kongkaewpaisan N, Kaafarani H, Wagner A, Grabo DJ, Scott MT, Peck GL, Chang G, Matsushima K, Cullinane LM, Cullinane DC, Stocker BW, Posluszny J, Simonoski UJ, Catalano RD, Vasileiou G, Yeh DD, Agrawal V, Truitt M, Pickett M, Dultz L, Muller A, Ong AW, San Roman JL, Fackelmayer O, Velopulos C, Hendrix C, Estroff J, Gambhir S, Jeyamurugan K, Bugaev N, Portillo V, Carrick MM, O'Meara L, Kufera JA, Bruns BR Southeastern Surgical Conference, New Orleans, LA Gold Medal Oral Presentation, 3rd Place, February 2020

Colorectal resection in Emergency General Surgery – An EAST Multicenter Study Aicher BO, Betancourt-Ramirez A, Grossman MD, Heise H, Schroepfel TJ, Hernandez MC, Zielinski MD, Kongkaewpaisan N, Kaafarani H, Wagner A, Grabo DJ, Scott MT, Peck GL, Chang G, Matsushima K, Cullinane LM, Cullinane DC, Stocker BW, Posluszny J, Simonoski UJ, Catalano RD, Vasileiou G, Yeh DD, Agrawal V, Truitt M, Pickett M, Dultz L, Muller A, Ong AW, San Roman JL, Fackelmayer O, Velopulos C, Hendrix C, Estroff J, Gambhir S, Jeyamurugan K, Bugaev N, Portillo V, Carrick MM, O'Meara L, Kufera JA, Bruns BR 33rd EAST Annual Scientific Assembly, Orlando, FL Oral Presentation, January 2020

Prospective validation of the Emergency Surgery Score (ESS) in Emergency General Surgery – An EAST Multicenter Study Kaafarani H, Kongkaewpaisan N, Aicher B, Diaz J, O'Meara L, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh DD, Simonoski U, Turay D, Cory E, Cullinane D, McCrum M, Wall N, Badach J, Goldenberg-Sandau A, Carmichael H, Velopulos C, Choron R, Sakran JV, Khldoun B, Black G, Shoultz T, Chadnick Z, Sim V, Madbak F, Steadman D, CAazine M, Zielinski M, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos V, Tsoulfas G, Perez J, Velmahos G 33rd EAST Annual Scientific Assembly, Orlando, FL Oral Presentation, January 2020

Moderate aerobic exercise reduces aortic wall remodeling, aneurysm formation, and mortality in a mouse model of beta-aminopropionitrile-induced aortic disease Aicher BO, Muratoglu SC, Galisteo R, Arai A, Gray VL, Lal B, Strickland DK, Ucuzian AA American Heart Association Scientific Sessions 2019, Philadelphia, PA Poster Presentation, November 2019

The role of low-density lipoprotein receptor related protein-1 (LRP1) in the development of hypertension Jackson J, Arai A, Galisteo R, Aicher B, Au D, Catania S Student Research Forum 2019, Baltimore, MD Oral Presentation, August 2019

Overactivation of transforming growth factor-beta in a mouse model of aortic aneurysm Aicher BO, Galisteo R, Muratoglu SC, Ucuzian AA, Strickland DK Buxton Research Conference, Baltimore, MD Oral Presentation, June 2019