



The OU School of Community Medicine

Department of Surgery Publications

January 1, 2023 – November 30, 2024

Faculty - Peer-reviewed journal articles

1/1/23-1/31/23

1. Kougias P, Mi Z, Zhan M, Carson JL, Dosluoglu H, **Nelson P**, Sarosi GA Jr, Arya S, Norman LE, Sharath S, Scrymgeour A, Ollison J, Calais LA, Biswas K. Transfusion trigger after operations in high cardiac risk patients (TOP) trial protocol. Protocol for a multicenter randomized controlled transfusion strategy trial. *Contemp Clin Trials*. 2023 Jan 20;126:107095. doi: 10.1016/j.cct.2023.107095. Online ahead of print. PMID: 36690072.

2/1/23-2/28/23

1. Darwish MB, Logarajah S, McLaren PJ, Campilan B, Benzie AL, **Cho E**, Osman H, Jeyarajah DR. Is Cystogastrostomy a Definitive Operation for Pancreatitis Associated Pancreatic Fluid Collections? *Surg Laparosc Endosc Percutan Tech*. 2023 Feb 1;33(1):18-21. doi: 10.1097/SLE.0000000000001128.PMID: 36730232.

2. Rogers EM, Banks NF, Tomko PM, Sciarillo CM, Emerson SR, Thomas EBK, Taylor A, **Teague TK**, Jenkins NDM. Progressive Exercise Training Improves Cardiovascular Psychophysiological Outcomes in Young Adult Women with a History of Adverse Childhood Experiences. *J Appl Physiol (1985)*. 2023 Feb 2. doi: 10.1152/jappphysiol.00524.2022. Online ahead of print. PMID: 36727632.

3. Swanson KA, Heard JC, **Khorgami Z**, Howard CA, Shakhsheer BA, **Chow GS**. Medical student preparation for the operating room. *Surgeon*. 2023 Feb 16:S1479-666X(23)00018-5. doi: 10.1016/j.surge.2023.01.005. Online ahead of print. PMID: 36803863.

4. Altieri MS, Rogers A, Afaneh C, Moustarah F, Grover BT, **Khorgami Z**, Eisenberg D. Bariatric emergencies for the general surgeon. *Surg Obes Relat Dis*. 2023 Feb 14:S1550-7289(23)00077-1. doi: 10.1016/j.soard.2023.02.007. Online ahead of print. PMID: 37024348

3/1/23-3/31/23

1. Minc SD, Powell C, Drudi LM, Young L, **Kempe K**, Ochoa L, Peek M, Dino G. Community-engaged research in vascular surgery: An approach to decrease amputation disparities and effect population-level change. *Semin Vasc Surg*. 2023 Mar; 36(1):100-113. doi: 10.1053/j.semvascsurg.2022.12.001.PMID: 36958891.

2. Pandit V, Brown T, Bhogadi SK, **Kempe K**, Zeeshan M, Bikk A, Tan TW, **Nelson P**. The association of racial and ethnic disparities and frailty in geriatric patients undergoing revascularization for peripheral artery disease. *Semin Vasc Surg*. 2023 Mar; 36(1):78-83. doi:10.1053/j.semvascsurg.2023.01.003. PMID: 36958901.

4/1/23-4/30/23

1. Aleassa EM, Papasavas P, Augustin T, **Khorgami Z**, Benson-Davies S, Ghiassi S, Carter J, Nimeri A; Clinical Issues Committee of the American Society for Metabolic and Bariatric Surgery. American Society for Metabolic and Bariatric Surgery literature review on the effect of Roux-en-Y gastric bypass limb lengths on outcomes. *Surg Obes Relat Dis*. 2023 Jul;19(7):755-762. doi: 10.1016/j.soard.2023.04.298. Epub 2023. Apr 11. PMID: 37268517.
2. Epstein A, **Lim R**, Johannigman J, Fox CJ, Inaba K, Vercruysse GA, Thomas RW, Martin MJ, Konstantyn G, Schwaitzberg SD. Putting Medical Boots on the Ground: Lessons from the War in Ukraine and Applications for Future Conflict with Near Peer Adversaries. *Am Coll Surg*. 2023 Apr 24. doi: 10.1097/XCS.0000000000000707. Online ahead of print. PMID: 37092754.
3. Savitz J, Goeckner BD, Ford BN, **Teague TK**, Zheng H, Harezlak J, Mannix R, Muftuler LT, Brett BL, McCrea MA, Meier TB. The effects of cytomegalovirus on brain structure following sport-related concussion. *Brain*. 2023 Apr 18:awad126. doi: 10.1093/brain/awad126. Online ahead of print. PMID: 37070698.
4. Tenorio ER, Oderich GS, Schanzer A, Beck AW, Gargiulo M, Farber MA, Modarai B, Jakimowicz T, Bertoglio L, Chiesa R, Gallitto E, Marcondes GB, Parodi FE, **Motta F**, Gkoutzios P, Jama K. Trans-Atlantic Aortic Research Consortium Investigators. Endovascular repair of intercostal and visceral aortic patch aneurysms following open thoracoabdominal aortic aneurysm repair. Review. *J Thorac Cardiovasc Surg*. 2023 Apr;165(4):1261-1271.e5. doi: 10.1016/j.jtcvs.2021.04.063. PMID: 34030882.

5/1/23-5/31/23

1. Jackson TN, Cox BP, Grinberg GG, Yenumula PR, **Lim RB**, **Chow GS**, **Khorgami Z**. National usage of bariatric surgery for class I obesity: an analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program. *Surg Obes Relat Dis*. 2023 May 22:S1550-7289(23)00527-0. doi: 10.1016/j.soard.2023.05.014. Online ahead of print. PMID: 37438232.
2. Jayroe H, Weaver L, Velazquez G, **Nelson P**, **Jennings W**, Henning N, Edmonds J, Nsa W, **Zamor K**, **Kempe K**. Vascular Surgery Training Positions and Applicant 10-Year Trends with Consideration for Further Expansion. *Ann Vasc Surg*. 2023 May 27:S0890-5096(23)00261-3. doi: 10.1016/j.avsg.2023.05.003. Online ahead of print. PMID: 37247836.
3. Esparham A, Roohi S, Ahmadyar S, Dalili A, **Nelson PR**, **Khorgami Z**. Impact of bariatric surgery on carotid intima-media thickness, flow-mediated dilation, and nitrite-mediated dilation: a systematic review and meta-analysis. *Surg Obes Relat Dis*. 2023 May 23:S1550-7289(23)00523-3. doi: 10.1016/j.soard.2023.05.010. Online ahead of print. PMID: 37429755.

6/1/23-6/30/23

1. Kabeil M, Wohlauser MV, D'Oria M, Khetarpaul V, Gillette R, Moore E, Colborn K, Cuff RF, O'Banion LA, Koleilat I, Aziz F, Mouawad NJ; **Nelson PR**, Vascular Surgery COVID-19 Collaborative (VASCC). Carotid Artery Operation Delay During the COVID-19 Pandemic:

Results of A Multi-Center International Study. *Ann Vasc Surg.* 2023 Jun 22:S0890-5096(23)00324-2. doi: 10.1016/j.avsg.2023.05.041. Online ahead of print. PMID: 37355018.

2. Burrows K, Figueroa-Hall L, Stewart J, Alarbi A, Kuplicki R, Hannafon B, Tan C, Risbrough V, McKinney B, Ramesh R, Victor T, Aupperle R, Savitz J, **Teague K**, Khalsa S, Paulus M. Exploring the role of neuronal-enriched extracellular vesicle miR-93 and interoception in major depressive disorder. *Res Sq.* 2023 Jun 16:rs.3.rs-2813878. doi: 10.21203/rs.3.rs-2813878/v1. Preprint. PMID: 37398092.

7/1/23-7/31/23

1. Burrows K, McNaughton BA, Figueroa-Hall LK, Spechler PA, Kuplicki R, Victor TA, Aupperle R, Khalsa SS, Savitz JB, **Teague TK**, Paulus MP, Stewart JL. Elevated serum leptin is associated with attenuated reward anticipation in major depressive disorder independent of peripheral C-reactive protein levels. *Sci Rep.* 2023 Jul 13;13(1):11313. doi: 10.1038/s41598-023-38410-4. PMID: 37443383.

2. Mateen S, Pontious J, Buckmaster M, **Hasenstein T**. Bilateral Digital Ischemia Secondary to Heparin-Induced Thrombocytopenia with Subsequent Limb Salvage: A Case Study. *J Am Podiatr Med Assoc.* 2023 Jul-Aug;113(4):21-014. doi: 10.7547/21-014. PMID: 37715971.

8/1/23-8/31/23

1. Nguyen ET, Berler MH, Gonzales PA, Greenberg AL, Lebares CC; General Surgery Research Collaborative on Resident Wellbeing. **Lim RB**, **Nelson MT**. Flourishing and the Prioritization of Workplace Elements in General Surgery Residents. *J Surg Res.* 2023 Aug 1;291:488-495. doi: 10.1016/j.jss.2023.06.039. Online ahead of print. PMID: 37536190.

2. Keirns BH, Keirns NG, Tsotsoros CE, Layman HM, Stout ME, Medlin AR, Sciarrillo CM, **Teague TK**, Emerson SR, Hawkins MAW. Adverse Childhood Experiences and Obesity Linked to Indicators of Gut Permeability and Inflammation in Adult Women. *Physiol Behav.* 2023 Aug 8:114319. doi: 10.1016/j.physbeh.2023.114319. Online ahead of print. PMID: 37562704.

9/1/23-9/30/23

1. Garcia S, Entrup P, Hall OT, Deaner M, Thomas A, **Lim R**. Years of Life Lost to Firearm Suicide Among Young People in the US. *JAMA Pediatr.* 2023 Sep 5:e233366. doi: 10.1001/jamapediatrics.2023.3366. Online ahead of print. PMID: 37669072.

2. Coopersmith AS, Berler MH, Johnston B, Knutilla L, Edwards AL, Lebares CC; **Lim RB**, **Nelson MT**. General Surgery Research Collaborative on Resident Wellbeing. Investigating influential factors and mechanisms of surgical resident well-being using social network analysis. *Am J Surg.* 2023 Sep 6:S0002-9610(23)00433-6. doi: 10.1016/j.amjsurg.2023.09.004. Epub ahead of print. PMID: 37722938.

3. **Kempe K.** Vascular surgeons are positioned to fight healthcare disparities. *J Vasc Surg Venous Lymphat Disord.* 2023 Sep 11: S2213-333X(23)00327-X. doi: 10.1016/j.jvsv.2023.08.013. Epub ahead of print. PMID: 37703942.

4. Ilanga M, Heard JC, McClintic J, Lewis D, Martin G, Horn C, **Khorgami Z**, Richards J, **Chow GS**, **Lim RB.** Use of GLP-1 agonists in high risk patients prior to bariatric surgery: a cohort study. *Surg Endosc.* 2023 Sep 12. doi: 10.1007/s00464-023-10387-1. Epub ahead of print. PMID: 37700013.

10/1/23-10/31/23

1. Esparham A, Shoar S, Mehri A, **Khorgami Z**, Modukuru VR. Bariatric Surgery and Risk of Hospitalization for Gastrointestinal Cancers in the USA: a Propensity Score Matched Analysis of National Inpatient Sample Study. *Obes Surg.* 2023 Oct 20. doi: 10.1007/s11695-023-06883-x. Online ahead of print. PMID: 37861878.

2. Esparham A, Ahmadyar S, Zandbaf T, Dalili A, Rezapanah A, Rutledge R, **Khorgami Z.** Does One-Anastomosis Gastric Bypass Expose Patients to Gastroesophageal Reflux: A Systematic Review and Meta-analysis. *Obes Surg.* 2023 Oct 25. doi: 10.1007/s11695-023-06866-y. Online ahead of print. PMID: 37880462. Review.

3. Esparham A, Roohi S, Ahmadyar S, Dalili A, Moghadam HA, Torres AJ, **Khorgami Z.** The Efficacy and Safety of Laparoscopic Single-Anastomosis Duodeno-ileostomy with Sleeve Gastrectomy (SADI-S) in Mid- and Long-Term Follow-Up: a Systematic Review. *Obes Surg.* 2023 Oct 25. doi: 10.1007/s11695-023-06846-2. Online ahead of print. PMID: 37880461. Review.

4. Esparham A, Mehri A, Hadian H, Taheri M, Anari Moghadam H, Kalantari A, Fogli MJ, **Khorgami Z.** The Effect of Bariatric Surgery on Patients with Heart Failure: A Systematic Review and Meta-analysis. *Obes Surg.* 2023 Oct 28. doi: 10.1007/s11695-023-06898-4. Online ahead of print. PMID: 37897639. Review.

5. Gomes VC, Parodi FE, **Motta F**, Pascarella L, McGinagle KL, Marston WA, Wood J, Farber MA. Outcome Analysis Comparing Asymptomatic Juxtarenal Aortic Aneurysms Treated with Custom-Manufactured Fenestrated-Branched Devices and the "Off-The-Shelf" Zenith p-Branch Device. *Ann Vasc Surg.* 2023 Oct; 96:207-214. doi: 10.1016/j.avsg.2023.03.017. PMID: 37003359.

11/1/23-12/31/23

1. Gomes VC, Parodi FE, Wood JC, **Motta F**, Farber MA. Rare Case of Abdominal Aortic and Multiple Visceral Aneurysms in a Pediatric Patient With PIK3CA Mutation and Vasculitis. *Vasc Endovascular Surg.* 2023 Nov 9:15385744231215561. doi: 10.1177/15385744231215561. Online ahead of print. PMID: 37944162.

2. Phi L, Jayroe H, Mushtaq N, **Kempe K**, **Nelson PR**, **Zamor K**, **Iyer P**, **Motta F**, **Jennings WC.** Creating hemodialysis autogenous access in children and adolescents. *J Vasc Surg.* 2023 Nov 10: S0741-5214(23)02207-3. doi: 10.1016/j.jvs.2023.11.008. Online ahead of print PMID: 37952781.

1/1/24-2/29/24

1. Mallios A, Zagzoog M, Nehme K, Hauguel A, Michel C, **Jennings WC**. Six Month Results of Dialysis Access Using Endobypass Technique. *Eur J Vasc Endovasc Surg*. 2024 Jan 20:S1078-5884(24)00094-7. doi: 10.1016/j.ejvs.2024.01.067. Epub ahead of print. PMID: 38253168.
2. Savitz J, Munshi S, Alarbi A, Zheng H, Kuplicki R, Burrows K, Figueroa-Hall L, Victor T, Aupperle R, Khalsa S, Paulus M, **Teague K**. Increased expression of ER stress, inflammasome activation, and mitochondrial biogenesis-related genes in peripheral blood mononuclear cells in major depressive disorder. *Res Sq*. 2024 Jan 12:rs.3.rs-3564760. doi: 10.21203/rs.3.rs-3564760/v1. Preprint. PMID: 38260352.

3/1/24-4/30/24

1. **Kempe K**, Homco J, Nsa W, Wetherill M, Jelley M, Lesselroth B, **Hasenstein T**, **Nelson PR**. Analysis of Oklahoma amputation trends and identification of risk factors to target areas for limb preservation interventions. *J Vasc Surg*. 2024 Apr 9:S0741-5214(24)00933-9. doi: 10.1016/j.jvs.2024.03.446. Epub ahead of print. PMID: 38604318.
2. Menard MT, Farber A, Powell RJ, Rosenfield K, Conte MS, Hamza TH, Kaufman JA, Cziraky MJ, Creager MA, Dake MD, Jaff MR, Reid D, Sopko G, White CJ, Strong MB, van Over M, Chisci E, Goodney PP, Gray B, Kayssi A, Siracuse JJ, Choudhry NK; Blebea, J, **Nelson, PR**, Taubman, K, BEST-CLI Investigators. Quality of Life in Patients With Chronic Limb-Threatening Ischemia Treated With Revascularization. *Circulation*. 2024 Apr 16;149(16):1241-1253. doi: 10.1161/CirculationAHA.123.065277. Epub 2024 Apr 10. PMID: 38597097.
3. Esparham A, Roohi S, Abdollahi Moghaddam A, Anari Moghadam H, Shoar S, **Khorgami Z**. The association of bariatric surgery with myocardial infarction and coronary revascularization: a propensity score match analysis of National Inpatient Sample. *Surg Obes Relat Dis*. 2024 Apr 13:S1550-7289(24)00157-6. doi: 10.1016/j.soard.2024.04.010. Epub ahead of print. PMID: 38744643.
4. Zhang Y, Munshi S, Burrows K, Kuplicki R, Figueroa-Hall LK, Aupperle RL, Khalsa SS, **Teague TK**, Yasuyuki T, Paulus MP, Savitz J, Zheng H. Leptin's Inverse Association with Brain Morphology and Depressive Symptoms - A Discovery and Confirmatory Study Across Two Independent Samples. *Biol Psychiatry Cogn Neurosci Neuroimaging*. 2024 Apr 15:S2451-9022(24)00105-8. doi: 10.1016/j.bpsc.2024.04.005. Epub ahead of print. PMID: 38631553.
5. Esparham A, Shoar S, Mehri A, **Khorgami Z**, Modukuru VR. The Impact of Metabolic Bariatric Surgery on Cardiovascular Diseases in Patients with Metabolic Dysfunction-Associated Steatotic Liver Disease. *Obes Surg*. 2024 Apr 25. doi: 10.1007/s11695-024-07238-w. Epub ahead of print. PMID: 38662250.
6. Burrows K, Figueroa-Hall LK, Stewart JL, Alarbi AM, Kuplicki R, Hannafon BN, Tan C, Risbrough VB, McKinney BA, Ramesh R, Victor TA, Aupperle R, Savitz J, **Teague TK**, Khalsa SS, Paulus MP. Exploring the role of neuronal-enriched extracellular vesicle miR-93 and interoception in major depressive disorder. *Transl Psychiatry*. 2024 Apr 27;14(1):199. doi: 10.1038/s41398-024-02907-x. PMID: 38678012; PMCID: PMC11055873.

5/1/24-5/31/24

1. Milton A, Cox B, Charles M, **Khorgami Z**. Appendicitis after colonoscopy-a case report, literature review, and synopsis of the pitfalls in diagnosis. *J Surg Case Rep*. 2024 May 30;2024(5):rjae362. doi: 10.1093/jscr/rjae362. PMID: 38817788; PMCID: PMC11138108.

6/1/24-6/30/24

1. Gomes VC, Parodi FE, Browder SE, **Motta F**, Ohana E, Eagleton MJ, Oderich GS, Mendes BC, Tenorio ER, Vacirca A, Chait J, Bresnahan T, Farber MA. Effect of fenestration configuration on renal artery outcomes during fenestrated-branched endovascular aortic repair. *J Vasc Surg*. 2024 Jun 11:S0741-5214(24)01253-9. doi: 10.1016/j.jvs.2024.06.009. Epub ahead of print. PMID: 38871067.

7/1/24-7/31/24

1. Esparham A, Mehri A, Maher W, **Khorgami Z**. Impact of opioid-related disorders on complications in patients undergoing bariatric surgery: a propensity score-matched analysis of the national inpatient sample. *Surg Endosc*. 2024 Jul 31. doi: 10.1007/s00464-024-11057-6. Epub ahead of print. PMID: 39085669.

2. **Motta F**, Gomes VC, Wood JC, Parodi FE, Farber MA. Endovascular (stent-graft)-assisted open vascular anastomosis. *J Cardiovasc Surg (Torino)*. 2024 Jul 12. doi: 10.23736/S0021-9509.24.12968-0. Epub ahead of print. PMID: 38994546.

8/1/24-8/31/24

1. Esparham A, Mehri A, Dalili A, Richards J, **Khorgami Z**. Safety and efficacy of glucagon-like peptide-1 (GLP-1) receptor agonists in patients with weight regain or insufficient weight loss after metabolic bariatric surgery: A systematic review and meta-analysis. *Obes Rev*. 2024 Nov;25(11):e13811. doi: 10.1111/obr.13811. Epub 2024 Aug 12. PMID: 39134066.

2. Munshi S, Alarbi AM, Zheng H, Kuplicki R, Burrows K, Figueroa-Hall LK, Victor TA, Aupperle RL, Khalsa SS, Paulus MP, **Teague TK**, Savitz J. Increased expression of ER stress, inflammasome activation, and mitochondrial biogenesis-related genes in peripheral blood mononuclear cells in major depressive disorder. *Mol Psychiatry*. 2024 Aug 22. doi: 10.1038/s41380-024-02695-2. Epub ahead of print. PMID: 39174649.

9/1/24 – 10/31/24

1. Esparham A, Roohi S, Mehri A, Ghahramani A, Moghadam HA, **Khorgami Z**. Roux-en-Y gastric bypass versus duodenal switch in patients with body mass index ≥ 50 kg/m²: a systematic review and meta-analysis. *Surg Obes Relat Dis*. 2024 Sep 16:S1550-7289(24)00805-0. doi: 10.1016/j.soard.2024.08.042. Epub ahead of print. PMID: 39395846.

2. Henning N, Nsa W, Edmonds J, Nguyen AM, Abadi A, **Nelson P**, Homco J, **Motta F**, **Jennings W**, **Zamor K**, **Iyer P**, Warren M, Phi L, Jayroe H, **Kempe K**. The Geographic Distribution of Vascular Surgeons and Trainees by State in 2023. *Ann Vasc Surg*. 2024 Sep

30:S0890-5096(24)00559-4. doi: 10.1016/j.avsg.2024.09.034. Epub ahead of print. PMID: 39357791.

3. Beathard GA, **Jennings WC**, Malik J, Wasse H, Dolmatch BL, Ross J, Shenoy S, Pabir RC, Sachdeva B, Rajan D, Niyar VD, Nassar GM, Peden E, Lee T, McLennan G, Shahverdyan R. Management of vascular access inflow-outflow imbalance: A bimodal approach. *J Vasc Access*. 2024 Sep 19:11297298241272166. doi: 10.1177/11297298241272166. Epub ahead of print. PMID: 39297311.3.

4. **Jennings WC**, Galvez AL, Mushtaq N, Tejada RES, Mallios A, Lucas JF 3rd, Randel M, Lou-Meda R. Establishing an autogenous vascular access program in a Guatemalan comprehensive pediatric nephrology center. *Pediatr Nephrol*. 2024 Sep 3. doi: 10.1007/s00467-024-06488-1. Epub ahead of print. PMID: 39225811.

11/1/24 – 11/30/24

1. Gomes VC, Parodi FE, Browder SE, **Motta F**, Vasan P, Sun D, Marston WA, Pascarella L, McGinagle KL, Wood JC, Farber MA. Impact Of Preoperative Risk Factors On 5-year Survival After Fenestrated/Branchend Endovascular Aortic Repair. *J Vasc Surg*. 2024 Nov 11:S0741-5214(24)02061-5. doi: 10.1016/j.jvs.2024.11.002. Epub ahead of print. PMID: 39536843.

2. Savitz J, McKinney BA, Meier TB, Zheng H, Ford BN, Yolken RH, **Teague TK**, Cole SW. Nuclear factor kappa-B cell (NF-κB), interferon regulatory Factor, and glucocorticoid receptor pathway activation in major depressive Disorder: The role of cytomegalovirus infection. *Brain Behav Immun*. 2024 Nov 10;123:1052-1060. doi: 10.1016/j.bbi.2024.11.017. Epub ahead of print. PMID: 39532200.

Book Chapters published by Faculty

1. Mallios, A, **Kempe, K, Jennings, WC** (2024). *Creating proximal radial artery arteriovenous fistulas*. Principles of Dialysis Access. Springer.

2. **Nelson PR, Jennings, WC**. Vascular Surgery: Annual Northwestern publication (2024). *Current Status of Percutaneous Arteriovenous Fistula Devices*. People's Medical Publishing House, Shelton, CT. USA, Ltd.

3. **Zamor K, Jenning WC**. *Avoiding Early Failure in Arteriovenous Fistulas*. Textbook of Comprehensive Dialysis Access. (2024), Karl Illig editor. Springer Nature, In press.

4. Milagros Fernández M, Randel M, **Jennings WC**. *Establishing Autogenous Vascular Access in the developing world through surgical missions*. Textbook of Comprehensive Dialysis Access. (2024), Karl Illig editor. Springer Nature, In press.

5. Berman SS, Beathard G, **Jennings WC**. *Ischemic Syndromes associated with an arteriovenous dialysis access*. Textbook of Comprehensive Dialysis Access. (2024), Karl Illig, editor. Springer Nature, In press.

6. **Khorgami, Z**. (in press). *Venous Thromboembolism*. The SAGES Manual of Bariatric Surgery. Springer.

Patents (Faculty)

1 Garbuzova-Davis S, Borlongan CV, van Loveren HR, **Nelson, P.R.** *Non-invasive method for Direct Delivery of Therapeutics to the Spinal Cord in the Treatment of Spinal Cord Pathology.* Patent No. US 10,285,935 B2. 2019.

Surgery Department Abstracts/Presentations

2023

1. Chow, G. S., Fattahi, M. R., Jenkins, J., Richards, J. R., Smith, K. B., Lim, R. B., Khorgami, Z., *"Bariatric Surgery improves outcomes of future inpatient admissions of patients with type 2 Diabetes Mellitus: an analysis of hospital inpatient admissions in Oklahoma"*, IFSO World Congress, International Federation for the Surgery of Obesity and Metabolic Disorders, Naples, Italy, Oral Presentation. September 1, 2023.
2. Chow, G. S., Khorgami, Z., Garcia, S., Smith, K. B., Richards, J. R., Lim, R. B., *"Preoperative GLP-1 Therapy in Indigenous Patients Undergoing Multidisciplinary Care"*, IFSO World Congress, International Federation for the Surgery of Obesity and Metabolic Disorders, Naples, Italy, Oral Presentation. August 30, 2023.
3. Liu, C., Guillette, G., Chow, G. S., *"Double lumen Jejunal free flap reconstruction after pharyngo-laryngo-esophagectomy for malignancies"*, AHNS 11th International Conference on Head & Neck Cancer, American Head & Neck Society, Montreal, Poster. July 10, 2023.
4. Garcia, S., Horn, C., Khorgami, Z., Lim, R. B., Chow, G. S., *"A Descriptive Review of a Multidisciplinary Approach to Patients with Obesity in a Native American Cohort"*, ASMBS 2023 Annual meeting, American Society of Metabolic and Bariatric Surgery, Las Vegas, Poster. June 29, 2023.
5. Jenkins, J., Edmonds, J., Mushtaq, N., Lim, R. B., Chow, G. S., Khorgami, Z., *"History of Metabolic Surgery is Associated with a Decrease in Admission Rates for Cardiovascular Disease and Their Cost, Length of Stay, and Mortality in Patients with Type 2 Diabetes Mellitus"*, ASMBS 2023 Annual meeting, American Society of Metabolic and Bariatric Surgery, Las Vegas, Oral Presentation. June 27, 2023.
6. Alvarado, A., Cox, B., Nguyen, V., Charles, M., Mushtaq, N., Chow, G. S., Khorgami, Z., *"Validation of the Oklahoma Predictor Model for Discharge Destination in Patients with Major Traumatic Injury: A Cross-Sectional Study"*, Annual Meeting, Southwestern Surgical Congress, Ojai Valley Inn, CA, Oral Presentation. April 2023.
7. Ilanga, M., Richards, J. R., Khorgami, Z., Chow, G. S., Lewis, D., Martin, G., Horn, C., Lim, R. B., *"Use of GLP-1 Agonists in High risk patients prior to bariatric surgery: A cohort study"*, SAGES 2023 Annual meeting, Society of American Gastrointestinal and Endoscopic Surgeons, Poster. March 30, 2023.
8. Jenkins, J., Khorgami, Z., Lim, R. B., Chow, G. S., *"A case of perforation after one anastomosis gastric bypass"*, SAGES 2023 Annual meeting, Society of American Gastrointestinal and Endoscopic Surgeons, Video. March 30, 2023.

9. McClintic, J., Richards, J. R., Khorgami, Z., Chow, G. S., Patel, R., Martin, G., Horn, C., Lim, R. B., *"Prehabilitation with Anti-obesity medications in Patients with a BMI>50 kg/m2 prior to bariatric surgery: A case control Study"*, SAGES 2023 Annual meeting, Society of American Gastrointestinal and Endoscopic Surgeons, Poster. March 29, 2023.
10. Whipple, P., Ilanga, M., Jenkins, J., Kouplan, K., Mushtaq, N., Khorgami, Z., Hoff, S. D., *"Patterns of Screening Colonoscopy in Rural and Urban Counties of Oklahoma: A State-wide Analysis"*, Annual Meeting, American Society of Colon and Rectal Surgeons, Seattle, Washington, Poster. June 6, 2023.
11. Iyer, P., *"Vascular Trauma"*, Ascension St. John's Trauma Symposium, Ascension St. John Medical Center, Tulsa, OK, Lecture. March 3, 2023.
12. Jennings, W.C. *AVFs with central venous obstruction*. 50th Annual VEITH symposium. New York City, November 2023.
13. Jennings, W.C. *AVF Banding durability*. 50th Annual VEITH symposium. New York City, November 2023.
14. Jennings, W.C. *Procedures for Cephalic, Brachial and Basilic Vein AVFs*. 2023 Vascular Access Society of the Americas Practicum. Houston Methodist Research Institute, May 18, 2023. Houston Texas.
15. Kempe, K., *"Addressing healthcare disparities in vascular surgery"*, 50th Annual Symposium, Society for Clinical Vascular Surgeons, Oral Presentation. March 2023.
16. Whitekiller, M., Kempe, K., *"Caring for Our Feet in Oklahoma"*, General Surgery Grand Rounds, Oral Presentation. November 2023.
17. Kempe, K., *"Caring for Our Feet in Oklahoma"*, Chickasaw Nation Grand Rounds, Oral Presentation. May 2023.
18. Kempe, K., *"General Surgery Residents are Still Interested in Vascular Surgery"*, VESS Annual Winter Meeting 2023, Vascular and Endovascular Surgical Society, Whistler, British Columbia, Oral Presentation. February 2023.
19. Kempe, K., *"A Day in the Life of a Vascular Surgeon"*, VESS Annual Winter Meeting 2023, Vascular and Endovascular Surgical Society, Whistler, Vancouver BC, Panel. February 2023.
20. Milton, A., Wilson, F., Thomas, D., Homco, J. B., Lesselroth, B. J., Nelson, P., Kempe, K., *"A Structure, Process, and Outcome Model for Categorizing Limb-Salvage Barriers and Facilitators Using Qualitative Frequency and Proximity Analysis"*, OU-Tulsa Research Forum 2023, Poster. 2023.
21. Thomas, D., Milton, A., Homco, J. B., Lesselroth, B. J., Nelson, P., Kempe, K., *"Identification of Biomedical Factors in Patient Limb Loss Using Grounded Theory"*, OU-Tulsa Research Forum 2023, Poster. 2023.

22. Wilson, F., Milton, A., Thomas, D., Homco, J. B., Lesselroth, B. J., Nelson, P., Kempe, K., "Key Themes for a Holistic Support System in Vascular Limb Salvage", OU-Tulsa Research Forum 2023, Poster. 2023.
23. Edmonds, J., Henning, N., Jayroe, H., Nelson, P., Jennings, W., Nsa, W., Zamor, K. C., Kempe, K., "Vascular Surgery Positions and Applicants: Ten-Year Trend Analysis and Expansion Consideration", OU-Tulsa Research Forum 2023, Poster. 2023.
24. Khorgami, Z., "Management of Bariatric Emergencies", Annual Meeting, Oklahoma-Arkansas Chapter of the American Society of Metabolic and Bariatric Surgery, Oklahoma City, OK, Lecture. January 2, 2023.
25. Khorgami, Z., Stone, K. L., Lim, R. B., "Impact of Robotic Surgery on Complications after Bariatric Surgery: An Analysis of Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program", Clinical Scientific Meeting, American College of Surgeons, Boston, MA, Oral Presentation. 2023.
26. Ruley, W., Web, T., Lim, R. B., Khorgami, Z., Richards, J. R., "Breakdown of Bardet-Biedl Genes in a University-Based Obesity Clinic: A Retrospective Chart Review", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
27. Saleh, A., Lim, R. B., Khorgami, Z., Chow, G. S., Richards, J. R., "Combined Therapy of Severe Obesity with Bariatric Surgery, GLP-1 Agonist, and Genetic-based Therapy", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
28. Webb, T., Ruley, W., Lim, R. B., Chow, G. S., Khorgami, Z., Allison, L., Richards, J. R., "Enhancing Genetic Obesity Screening: A Novel Clinical Algorithm for Screening for Genetic Testing", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
29. Royal, K., Khorgami, Z., Simmons, W. K., Richards, J. R., "Semaglutide for Treatment of Alcohol Use Disorder", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
30. McCorkle, C., Dorand, M., Lim, R. B., Khorgami, Z., Richards, J. R., "Setmelanotide and Tirzepatide Polytherapy for Weight Management in Bardet-Biedl Syndrome", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
31. Hillman, L., Khorgami, Z., Allison, L., Chow, G. S., Lim, R. B., Richards, J. R., "Tolerability of Setmelanotide in Bardet-Biedl Syndrome (BBS) Patients", Obesity Week, The Obesity Society, Dallas, TX, Poster. October 2023.
32. Fattahi, M. R., Jenkins, J., Richards, J. R., Smith, K. B., Chow, G. S., Lim, R., Khorgami, Z., "Bariatric Surgery Improves Outcomes of Future Inpatient Admissions of Patients with Type 2 Diabetes Mellitus: an analysis of hospital inpatient admissions in Oklahoma", World Congress Meeting, International Federation for the Surgery of Obesity and Metabolic Disorders, Napoli, Italy, Oral Presentation. August 2023.
33. Esparham, A., Ahmadyar, S., Zandbaf, T., Dalili, A., Rezapanah, A., Rutledge, R., Khorgami, Z., "Does One Anastomosis Gastric Bypass Expose Patients to Gastroesophageal Reflux, Gastritis, and Marginal Ulcer: A Systematic Review and Meta-Analysis", World Congress

Meeting, International Federation for the Surgery of Obesity and Metabolic Disorders, Napoli, Italy, Poster. August 2023.

34. Dorand, M. F., Allen, E., McClanahan, S. E., Smith, K. B., Richards, J. R., Hasenstein, T. A., Khorgami, Z., "*That's Oklahoma for You: Community-Based-Participatory-Research Uncovers Causes of Obesity in Oklahoma*", Obesity Week, The Obesity Society, Dallas, TX, Oral Presentation. June 2023.

35. Garcia, S., Davis, Z., Khorgami, Z., Chow, G. S., "*Sharing and Looking Forward to Bariatric Multidisciplinary Care in a Special Population*", Annual Meeting, The American Society of Metabolic and Bariatric Surgery (ASMBS), San Diego, CA, Poster. June 2023.

36. Ho, C., Paszkowiak, M., McCorkle, C., Lim, R. B., Khorgami, Z., Meehan, D., Richards, J. R., "*Binge Eating Disorder Prevalence in a University-Based Obesity Clinic*", Research Forum, University of Oklahoma, Tulsa, OK, Poster. June 2023.

37. Garcia, S., Duvall, D., Charles, M., Khorgami, Z., "*Warm or Warn Trauma Bay Resuscitative Efforts?*", Clinical Vignette Symposium, School of Community Medicine, Tulsa, OK, Poster. April 2023.

38. McCorkle, C., Paszkowiak, M., Ho, C., Richards, J. R., Bang, N., Khorgami, Z., Simmons, K., "*Treatment of Moderate to Severe Binge Eating Disorder with GLP-1 agonist Semaglutide*", Research Forum, University of Oklahoma, Tulsa, OK, Poster. April 2023.

39. Kubovec, S., "*Presidential Grand Rounds VII*", Annual Meeting, American Society for Metabolic and Bariatric Surgery, Las Vegas, NV, Moderator. June 2023.

40. Kubovec, S., Banerjee, A., "*Gastrobronchial fistula following sleeve gastrectomy*", Annual Meeting, Society for American Gastrointestinal and Endoscopic Surgeons, Cleveland, OH, Oral Presentation. June 2023.

41. Kubovec, S., Stefanidis, D., "*Robotic Conversion of Vertical Banded Gastroplasty to Roux-en-Y Gastric Bypass*", Annual Meeting, American Society for Metabolic and Bariatric Surgery, Las Vegas, NV, Oral Presentation. June 2023.

42. Kubovec, S., Stefanidis, D., "*Laparoscopic Conversion of Billroth II Gastrojejunostomy to Gastric Bypass*", Annual Meeting, Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Quebec, Canada, Oral Presentation. March 2023.

43. Kubovec, S., Pokala, B., "*Revision of Banded Gastric Bypass with Candy Cane Syndrome*", Annual Meeting, Society of American Gastrointestinal and Endoscopic Surgeons, Montreal, Quebec, Canada, Oral Presentation. March 2023.

2024

1. Chow, G. S., "*Use of Anti-obesity Medications in High Risk Patients prior to Bariatric Surgery*", 5th IBC Oxford, World Congress, IBC Oxford, Oxford, UK, Oral Presentation. September 19, 2024.

2. Chow, G. S., "*Residents as Teachers*", Surgery Grand Rounds, Department of Surgery, School of Community Medicine, Oral Presentation. July 10, 2024.
3. Ananthasekar, S., Waddell, J., Chow, G. S., "*Abdominal Cocoon Syndrome Variant: A Rare Cause of Small Bowel Obstruction*", Clinical Vignette Symposium, School of Community Medicine, University of Oklahoma, Tulsa, OK, Poster. February 2024.
4. Waddell, J., Ananthasekar, S., Chow, G. S., "*Heterotopic Pancreas: An Unlikely finding During Bariatric Surgery*", Clinical Vignette Symposium, School of Community Medicine, University of Oklahoma, Tulsa, OK, Poster. February 2024.
5. Scott-Kirchen MD, L., Warren, M., Phi, L., Abadi, A., Hoff, S. D., Nelson, P., Khorgami, Z., Kempe, K., "*Intracecal Aorto-femoral Bypass Graft Requiring Multiple Operative Interventions*", Clinical Vignette Symposium, School of Community Medicine, University of Oklahoma, Tulsa, OK, Poster. February 28, 2024.
6. Iyer, P., "*Evaluation of the Dialysis Patient*", Vascular Annual Meeting, Society for Vascular Surgery, Chicago, IL, Oral Presentation. June 20, 2024.
7. Kempe, K., "*Caring for Our Feet in Oklahoma*", Muscogee Creek Nation Grand Rounds, Oral Presentation. January 2024.
8. Henning, N., Nsa, W., Edmonds, J., Nguyen, A. M., Abadi, A., Nelson, P., Homco, J. B., Motta, F., Jennings, W., Zamor, K. C., Iyer, P., Warren, M., Phi, L., Kempe, K., "*The Geographic Distribution Of Vascular Surgeons And Trainees By State In 2023*", Vascular and Endovascular Surgery Society 48th Annual Meeting, Vascular and Endovascular Surgery Society (VESS), Sun Valley, Idaho, Oral Presentation. February 2024.
9. Garcia, S., Kemmerle, M., Brillhart, C., Hoff, S. D., Hasenstein, T. A., Khorgami, Z., "*Surgical Reimbursements By Centers For Medicare And Medicaid Services Adjusted For Inflation From 2007 To 2024*", Clinical Scientific Meeting, American College of Surgeons, San Francisco, CA, Oral Presentation. October 2024.
10. Khorgami, Z., Chow, G. S., "*Disparities in Bariatric Care: Modernization of Bariatric Surgery Coverage improves access to Care*", World Congress Meeting, International Federation for the Surgery of Obesity and Metabolic Disorders, Melbourne, Australia, Oral Presentation. September 2024.
11. Khorgami, Z., Horn, C., Richards, J. R., "*Outcomes of Combined Therapy of Severe Obesity with Bariatric Surgery, Glucagon-like Peptide 1 Agonist Before and After Surgery and Genetic-based Targeted Therapy*", Annual Meeting, The American Society of Metabolic and Bariatric Surgery (ASMBS), Las Vegas, NV, Poster. June 2024.
12. Modukuru, V., Esparham, A., Shoar, S., Mehri, A., Girgis, K., Gonzalez Garcia, G., Bustillo, J., Khorgami, Z., Sharma, S. K., Sadegh Asadi, M., "*Favorable Impact of Bariatric Surgery on In-Hospital Outcomes of Patients with Acute Myocardial Infarction Undergoing Coronary Artery Revascularization: A Propensity Score Match Analysis*", Annual Scientific Meeting, American College of Cardiology, Atlanta, GA, Oral Presentation. April 2024.

13. Scott-Kirchen, L., Warren, M., Phi, L., Hoff, S. D., Nelson, P., Khorgami, Z., Kempe, K., *"Intracecal Aorto-femoral Bypass Graft Requiring Multiple Operative Interventions"*, Clinical Vignette Symposium, School of Community Medicine, Tulsa, OK, Poster. April 2024.
14. Nguyen, M., McCain, M., Ruley, W., Hollman, N., Hoff, S., Khorgami, Z., "Predictors of Mortality and Major Complications after Colostomy Reversal: A National Analysis", REACH-OUT Forum, University of Oklahoma, Tulsa, OK, Poster. April 2024.
15. Nelson, P., *"Introduction to Hemodialysis Access"*, VAM 2024, Society for Vascular Surgery, Chicago, IL, Oral Presentation. June 20, 2024.