

Peer-reviewed refereed authorships and co-authorships between my retirement 10/1/16 to 12/31/21.

1: Sharififar S, Shuster JJ, Bishop MD. Adding electrical stimulation during standard rehabilitation after stroke to improve motor function. A systematic review and meta-analysis. *Ann Phys Rehabil Med*. 2018 Sep;61(5):339-344. doi: 10.1016/j.rehab.2018.06.005. Epub 2018 Jun 26. PMID: 29958963.

2: Parker LA, Weaver M, Murgas Torrazza RJ, Shuster J, Li N, Krueger C, Neu J. Effect of Gastric Residual Evaluation on Enteral Intake in Extremely Preterm Infants: A Randomized Clinical Trial. *JAMA Pediatr*. 2019 Jun 1;173(6):534-543. doi: 10.1001/jamapediatrics.2019.0800. Erratum in: *JAMA Pediatr*. 2019 Jun 1;173(6):610. PMID: 31034045; PMCID: PMC6547072.

3: Simpson GG, Hahn HR, Powel AA, Leverage RR, Morris LA, Thompson LG, Zumberg MS, Borde DJ, Tyndall JA, Shuster JJ, Yealy DM, Allen BR. A Patient-Centered Emergency Department Management Strategy for Sickle-Cell Disease Super-Utilizers. *West J Emerg Med*. 2017 Apr;18(3):335-339. doi: 10.5811/westjem.2016.11.32273. Epub 2017 Feb 7. PMID: 28435481; PMCID: PMC5391880.

4: Parker LA, Weaver M, Murgas Torrazza RJ, Shuster J, Li N, Krueger C, Neu J. Effect of Aspiration and Evaluation of Gastric Residuals on Intestinal Inflammation, Bleeding, and Gastrointestinal Peptide Level. *J Pediatr*. 2020 Feb;217:165-171.e2. doi: 10.1016/j.jpeds.2019.10.036. Epub 2019 Nov 19. PMID: 31757473; PMCID: PMC7012706.

5: Li X, Campbell-Thompson M, Wasserfall CH, McGrail K, Posgai A, Schultz AR,

Brusko TM, Shuster J, Liang F, Muir A, Schatz D, Haller MJ, Atkinson MA. Serum Trypsinogen Levels in Type 1 Diabetes. *Diabetes Care*. 2017 Apr;40(4):577-582. doi: 10.2337/dc16-1774. Epub 2017 Jan 23. PMID: 28115475; PMCID: PMC5360284.

6: Chen JG, Zou B, Shuster J. Relationship Between Patient Satisfaction And Physician Characteristics. *J Patient Exp*. 2017 Dec;4(4):177-184. doi: 10.1177/2374373517714453. Epub 2017 Jun 16. PMID: 29276764; PMCID: PMC5734516.

7: Clark VC, Marek G, Liu C, Collinsworth A, Shuster J, Kurtz T, Nolte J, Brantly M. Clinical and histologic features of adults with alpha-1 antitrypsin deficiency in a non-cirrhotic cohort. *J Hepatol*. 2018 Dec;69(6):1357-1364. doi: 10.1016/j.jhep.2018.08.005. Epub 2018 Aug 21. PMID: 30138687.

8: Rea MA, Standish CD, Shuster J, Bissett A, Reith F. Progressive biogeochemical transformation of placer gold particles drives compositional changes in associated biofilm communities. *FEMS Microbiol Ecol*. 2018 Jun 1;94(6). doi: 10.1093/femsec/fiy080. PMID: 29733348.

9: Balakrishnan MP, Herndon JB, Zhang J, Payton T, Shuster J, Carden DL. The Association of Health Literacy With Preventable Emergency Department Visits: A Cross-sectional Study. *Acad Emerg Med*. 2017 Sep;24(9):1042-1050. doi: 10.1111/acem.13244. Epub 2017 Aug 14. PMID: 28646519; PMCID: PMC6535998.

10: Shuster JJ. Linear combinations come alive in crossover designs. *Stat Med*. 2017 Oct 30;36(24):3910-3918. doi: 10.1002/sim.7396. Epub 2017 Jul 6. PMID: 28685497; PMCID: PMC5624826.

11: Perbtani YB, Riverso M, Shuster JJ, Chakraborty J, Brar TS, Agarwal M, Zhang H, Gupte A, Chauhan SS, Forsmark CE, Draganov PV, Yang D. Does carbon dioxide insufflation impact adenoma detection rate? A single-center retrospective analysis. *Endosc Int Open*. 2016 Dec;4(12):E1275-E1279. doi: 10.1055/s-0042-118177. Epub 2016 Nov 24. PMID: 27995188; PMCID: PMC5161121.

12: Shukla AM, Segal MS, Pepine CJ, Cheung AK, Shuster J, Mohandas R, Martinez WM, Flint JJ, Shah SV. Management of Cardiovascular Disease in Kidney Disease Study: Rationale and Design. *Am J Nephrol*. 2021;52(1):36-44. doi: 10.1159/000513567. Epub 2021 Feb 26. PMID: 33640890.

13: Meehan CS, Kethireddy PL, Ashcraft JK, Shuster JJ, Haller MJ. Premeal insulin decreases arterial stiffness in children with type 1 diabetes. *Pediatr Diabetes*. 2017 Jun;18(4):311-314. doi: 10.1111/pedi.12389. Epub 2016 May 13. PMID: 27174580; PMCID: PMC6939859.

14: Mohammad I, Shuster J, Petrovitch E, Garwood CL. Implementation of a direct oral anticoagulant discharge service. *Am J Health Syst Pharm*. 2017 Jul 15;74(14):1040-1044. doi: 10.2146/ajhp160975. PMID: 28687549.

15: Stellefson ML, Shuster JJ, Chaney BH, Paige SR, Alber JM, Chaney JD, Sriram PS. Web-based Health Information Seeking and eHealth Literacy among Patients Living with Chronic Obstructive Pulmonary Disease (COPD). *Health Commun*. 2018 Dec;33(12):1410-1424. doi: 10.1080/10410236.2017.1353868. Epub 2017 Sep 5. PMID: 28872905; PMCID: PMC6097958.

16: Schaefer JL, Meyer AM, Rodgers CD, Rosenberg NC, Leoncavallo AJ, Lukowski

ZL, Greer AB, Martorana GM, Zou B, Shuster JJ, Jay Katz L, Schuman JS, Kass MA, Sherwood MB. Comparing glaucomatous disc change using stereo disc viewing and the MatchedFlicker programme in glaucoma experts and trainees. *Br J Ophthalmol*. 2018 Mar;102(3):358-363. doi: 10.1136/bjophthalmol-2017-310336. Epub 2017 Aug 16. PMID: 28814418; PMCID: PMC8610365.

17: Tipton E, Shuster J. A framework for the meta-analysis of Bland-Altman studies based on a limits of agreement approach. *Stat Med*. 2017 Oct 15;36(23):3621-3635. doi: 10.1002/sim.7352. Epub 2017 Jun 29. PMID: 28664537; PMCID: PMC5585060.

18: Rivero M, Perbtani YB, Shuster JJD, Chakraborty J, Brar TS, Agarwal M, Zhang H, Gupte A, Chauhan SS, Forsmark CE, Draganov PV, Yang D. Carbon dioxide insufflation is associated with increased serrated polyp detection rate when compared to room air insufflation during screening colonoscopy. *Endosc Int Open*. 2017 Sep;5(9):E905-E912. doi: 10.1055/s-0043-116382. Epub 2017 Sep 13. PMID: 28924598; PMCID: PMC5597937.

19: Kawaguchi-Suzuki M, Nasiri-Kenari N, Shuster J, Gmitter FG Jr, Cancalon P, de Oliveria F, Kight J, Handberg EM, Pepine CJ, Frye RF, Cooper-DeHoff RM. Effect of Low-Furanocoumarin Hybrid Grapefruit Juice Consumption on Midazolam Pharmacokinetics. *J Clin Pharmacol*. 2017 Mar;57(3):305-311. doi: 10.1002/jcph.807. Epub 2016 Sep 6. PMID: 27503364; PMCID: PMC5299073.

20: Watanabe K, Lopez-Colon D, Shuster JJ, Philip J. Efficacy and retention of Basic Life Support education including Automated External Defibrillator usage during a physical education period. *Prev Med Rep*. 2017 Jan 12;5:263-267. doi:

10.1016/j.pmedr.2017.01.004. PMID: 28138421; PMCID: PMC5271672.

21: Leverence R, Nuttall R, Palmer R, Segal M, Wood A, Yancey F, Shuster J, Brantly M, Hromas R. Using Organizational Philosophy to Create a Self-Sustaining Compensation Plan Without Harming Academic Missions. *Acad Med.* 2017 Aug;92(8):1133-1137. doi: 10.1097/ACM.0000000000001484. PMID: 28746136; PMCID: PMC5526431.

22: Shahrivari M, Wise E, Resende M, Shuster JJ, Zhang J, Bolli R, Cooke JP, Hare JM, Henry TD, Khan A, Taylor DA, Traverse JH, Yang PC, Pepine CJ, Cogle CR; Cardiovascular Cell Therapy Research Network (CCTRN). Peripheral Blood Cytokine Levels After Acute Myocardial Infarction: IL-1 $\beta$ - and IL-6-Related Impairment of Bone Marrow Function. *Circ Res.* 2017 Jun 9;120(12):1947-1957. doi: 10.1161/CIRCRESAHA.116.309947. Epub 2017 May 10. PMID: 28490433; PMCID: PMC5508725.

23: Haller MJ, Gitelman SE, Gottlieb PA, Michels AW, Perry DJ, Schultz AR, Hulme MA, Shuster JJ, Zou B, Wasserfall CH, Posgai AL, Mathews CE, Brusko TM, Atkinson MA, Schatz DA. Antithymocyte Globulin Plus G-CSF Combination Therapy Leads to Sustained Immunomodulatory and Metabolic Effects in a Subset of Responders With Established Type 1 Diabetes. *Diabetes.* 2016 Dec;65(12):3765-3775. doi: 10.2337/db16-0823. Epub 2016 Sep 26. PMID: 27669730; PMCID: PMC5127248.

24: Stacpoole PW, Shuster J, Thompson JLPS, Prather RA, Lawson LA, Zou B, Buchsbaum R, Nixon SJ. Development of a novel observer reported outcome tool as the primary efficacy outcome measure for a rare disease randomized controlled trial. *Mitochondrion.* 2018 Sep;42:59-63. doi: 10.1016/j.mito.2017.11.003. Epub

2017 Nov 10. PMID: 29129554; PMCID: PMC6587967.

25: Smith AL, Garwood CL, Bailey T, DeCator D, Elder J, Green A, Kostoff D, Lucarotti RL, MacDonald NC, Malburg D, Ottney A, Remington TL, Shuster J. State affiliate initiative to advance ambulatory care practice. *Am J Health Syst Pharm.* 2016 Dec 1;73(23):1909-1914. doi: 10.2146/ajhp160392. PMID: 27864196.

26: Ghosh S, Tran L, Shuster JJ, Zupanc ML. Therapeutic hypothermia for neonatal hypoxic ischemic encephalopathy is associated with short-term reduction of seizures after discharge from the neonatal intensive care unit. *Childs Nerv Syst.* 2017 Feb;33(2):329-335. doi: 10.1007/s00381-016-3321-x. Epub 2016 Dec 17. PMID: 27988879.

27. Shuster JJ, Handler M. Trying an accused serial sexual harasser in a US Civil Court. *European Polygraph* 2020; 14(2); 37-47.

28. Shuster JJ. Meta-Analysis 2020: A Dire Alert and a Fix. *Biostatistics and Biometrics* 2021; 10 (3): 73-78