

Department of Anesthesiology and Perioperative Medicine

FY20 Publications (7-1-2019 to 6-30-2020)

******* 80 Unique papers**

Bernstein, Wendy

Ayers B, Sagebin F, Wood K, **Bernstein WK** et al. Complete Sternal-Sparing Approach Improves Outcomes for Left Ventricular Assist Device Implantation in Patients With History of Prior Sternotomy. *Innovations (Philadelphia, Pa)*. 2020;15(1):51-56.

Ayers B, Stahl R, Wood K, **Bernstein WK** et al. Regional nerve block decreases opioid use after Complete sternal-sparing left ventricular assist device implantation. *Journal of cardiac surgery*. 2019;34(5):250-255.

Ayers B, Wood K, Falvey J, **Bernstein W**, Gosev I. The use of hydroxocobalamin for vasoplegic syndrome in left ventricular assist device patients. *Clinical case reports*. 2020;8(9):1722-1727.

Bernstein WK, Goehner N. Aversion for Avulsion: A Case of Delayed Diagnosis of Traumatic Tricuspid Rupture. *Case reports in anesthesiology*. 2019;2019:1562124.

Louis C, Ayers B, Barrus B, **Bernstein WK** et al. HeartMate 3 pump exchange via sternal-sparing Bilateral minithoracotomies. *Journal of cardiac surgery*. 2020;35(4):901-903.

Rochlen LR, Tarnal V, Vance JL, Alderink E, **Bernstein WK**. Modules for the Technical Skills Section of the OSCE Component of the American Board of Anesthesiology APPLIED Examination. *MedEdPORTAL : the journal of teaching and learning resources*. 2019;15:10820.

Rouse LP, Nagy-Agren S, Gebhard RE, **Bernstein WK**. Women Physicians: Gender and the Medical Workplace. *Journal of women's health (2002)*. 2020;29(3):297-309.

Breneman, Stephen

Black S, Lerman J, Banks SE, **Breneman,S** et al. Drug Calculation Errors in Anesthesiology Residents and Faculty: An Analysis of Contributing Factors. *Anesthesia and analgesia*. 2019;128(6):1292-1299.

Brookes, Paul

Burke CG, Myers JR, Boule LA, Post CM, **Brookes PS**, Lawrence BP. Early life exposures shape the CD4(+) T cell transcriptome, influencing proliferation, differentiation, and mitochondrial dynamics later in life. *Scientific reports*. 2019;9(1):11489.

Lim Y, Rubio-Peña K, Sobraske PJ, **Brookes, PS**, et al. Fndc-1 contributes to paternal mitochondria elimination in C. elegans. *Developmental biology*. 2019;454(1):15-20.

Bennett JA, Mastrangelo MA, Ture SK, **Brookes PS**, et al. The choline transporter Slc44a2

controls platelet activation and thrombosis by regulating mitochondrial function. *Nature communications*. 2020;11(1):3479.

Chapa-Dubocq XR, Rodríguez-Graciani KM, Guzmán-Hernández RA, Jang S, **Brookes PS**, Javadov S. *Cardiac Function is not Susceptible to Moderate Disassembly of Mitochondrial Respiratory Supercomplexes*. *International journal of molecular sciences*. 2020;21(5).

Huwaimel BI, Bhakta M, Kulkarni CA, **Brookes PS**, et al. Discovery of Halogenated Benzothiadiazine Derivatives with Anticancer Activity*. *ChemMedChem*. 2020.

Kulkarni CA, Nadtochiy SM, Kennedy L, **Brookes PS**, et al. ALKBH7 mediates necrosis via rewiring of glyoxal metabolism. *eLife*. 2020;9.

Milliken AS, **Brookes PS**. Amber Alert: Getting to the Heart of Succinate Efflux in Reperfusion Injury. *Cardiovascular research*. 2020.

Zuurbier CJ, Bertrand L, Beauloye CR, **Brookes PS**, et al. Cardiac metabolism as a driver and Therapeutic target of myocardial infarction. *Journal of cellular and molecular medicine*. 2020;24(11):59375954.

Carinci, Adam

Carinci AJ. Abuse-deterrent opioid analgesics: a guide for clinicians. *Pain management*. 2020;10(1):55-62.

Correll, Lynn

Correll LR, Jin C, Park MS, Webber AM. Urgent Complex Intraoperative Reintubation in a Known Difficult Airway After Endotracheal Tube Damage: A Case Report. *A&A practice*. 2019;13(1):4-6.

Davis, Michael

Lookabaugh S, McKenna M, Karelsky S, **Davis M**, et al. Drug-induced sleep endoscopy findings in surgically-naïve obese vs non-obese children. *International journal of pediatric otorhinolaryngology*. 2020;138:110289.

Dworkin, Robert

Dworkin RH, Kerns RD, McDermott MP, Turk DC, Veasley C. The ACTION Guide to Clinical Trials of Pain Treatments: standing on the shoulders of giants. *Pain reports*. 2019;4(3):e757.

Cai X, Gewandter JS, He H, Turk DC, **Dworkin RH**, McDermott MP. Estimands and missing data in clinical trials of chronic pain treatments: advances in design and analysis. *Pain*. 2020;161(10):2308-2320.

Gewandter JS, **Dworkin RH**, Turk DC, et al. Improving Study Conduct and Data Quality in Clinical Trials of Chronic Pain Treatments: IMMPACT Recommendations. *The journal of pain*. 2020;21(9-10):931-942.

Gewandter JS, Gibbons CH, Campagnolo M, **Dworkin RH**, et al. *Clinician-rated measures for distal symmetrical axonal polyneuropathy: ACTION systematic review*. *Neurology*. 2019;93(8):346-360.

Gewandter JS, Kleckner AS, Marshall JH, **Dworkin RH**, et al. *Chemotherapy-induced peripheral neuropathy (CIPN) and its treatment: an NIH Collaboratory study of claims data*. *Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer*. 2020;28(6):2553-2562.

Gewandter JS, McDermott MP, He H, **Dworkin RH**, et al. *Demonstrating Heterogeneity of Treatment Effects Among Patients: An Overlooked but Important Step Toward Precision Medicine*. *Clinical pharmacology and therapeutics*. 2019;106(1):204-210.

Gewandter JS, McDermott MP, Mbowe O, **Dworkin RH**, et al. *Navigating trials of personalized pain treatments: we're going to need a bigger boat*. *Pain*. 2019;160(6):1235-1239.

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Loflin MJE, Kiluk BD, Huestis MA, **Dworkin RH**, et al. *The state of clinical outcome assessments for cannabis use disorder clinical trials: A review and research agenda*. *Drug and alcohol dependence*. 2020;212:107993.

Mbowe OB, Gewandter JS, Turk DC, **Dworkin RH**, McDermott MP. *Are there really only 2 kinds of people in the world? Evaluating the distribution of change from baseline in pain clinical trials*. *Pain*. 2020;161(1):195-201.

Smith SM, Fava M, Jensen MP, **Dworkin RH**, et al. *WITHDRAWN: Size Does Matter, But It Isn't Everything: The Challenge of Modest Treatment Effects in Chronic Pain Clinical Trials*. *The journal of pain*. 2019.

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Xu A, Larsen B, Baller EB, **Dworkin RH**, et al. *Convergent neural representations of experimentally-induced acute pain in healthy volunteers: A large-scale fMRI meta-analysis*. *Neuroscience and biobehavioral reviews*. 2020;112:300-323.

Eaton, Michael

Glance LG, Faden E, Dutton RP, **Eaton, MP** et al. *Impact of Choice of Risk Model in Perioperative Guidelines: Reply*. *Anesthesiology*. 2019;131(2):442-443.

Glance, Laurant

Glance LG, Faden E, Dutton RP, et al. Impact of Choice of Risk Model in Perioperative Guidelines: Reply. *Anesthesiology*. 2019;131(2):442-443.

Del Rio JM, Abernathy JJ, 3rd, Taylor MA, **Glance LG** et al. The Adult Cardiac Anesthesiology Section of STS Adult Cardiac Surgery Database: 2020 Update on Quality and Outcomes. *The Annals of thoracic surgery*. 2020;110(5):1447-1460.

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Glance LG, Hasley S, Glantz JC, et al. Measuring Childbirth Outcomes: Reply. *Anesthesiology*. 2020;132(5):1282-1283.

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Glance LG, Thirukumaran CP, Li Y, Gao S, Dick AW. Improving The Accuracy Of Hospital Quality Ratings By Focusing On The Association Between Volume And Outcome. *Health affairs (Project Hope)*. 2020;39(5):862-870.

Glance LG, Thirukumaran CP, Shippey E, Lustik SJ, Dick AW. Impact of medicaid expansion on disparities in revascularization in patients hospitalized with acute myocardial infarction. *PloS one*. 2020;15(12):e0243385.

Kim Y, **Glance LG**, Holloway RG, Li Y. Medicare Shared Savings Program and readmission rate among patients with ischemic stroke. *Neurology*. 2020;95(8):e1071-e1079.

Thirukumaran CP, Cai X, **Glance LG**, et al. Geographic Variation and Disparities in Total Joint Replacement Use for Medicare Beneficiaries: 2009 to 2017. *The Journal of bone and joint surgery American volume*. 2020;102(24):2120-2128.

Thirukumaran CP, McGarry BE, **Glance LG**, et al. Impact of Hospital Readmissions Reduction Program Penalties on Hip and Knee Replacement Readmissions: Comparison of Hospitals at Risk of Varying Penalty Amounts. *The Journal of bone and joint surgery American volume*. 2020;102(1):60-67.

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Gewandter JS, McDermott MP, Mbowe O, et al. Navigating trials of personalized pain treatments: we're going to need a bigger boat. *Pain*. 2019;160(6):1235-1239.

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Mbowe OB, **Gewandter JS**, Turk DC, Dworkin RH, McDermott MP. Are there really only 2 kinds of people in the world? Evaluating the distribution of change from baseline in pain clinical trials. *Pain*. 2020;161(1):195-201.

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Glance LG, Hasley S, Glantz JC, **Gloff M**, et al. Measuring Childbirth Outcomes Using Administrative and Birth Certificate Data. *Anesthesiology*. 2019;131(2):238-253.

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Simon BV, **Gu Y**, Wyrobek JA, Narins CR, Prasad SM. Direct right ventricular Impella LD implantation enables postoperative ambulation and may avoid sternal re-entry. *Journal of cardiac surgery*. 2020;35(7):1700-1702.

Gundy, Tasker

Kianpour DN, **Gundy JT**, Nadler JW, Lindenmuth DM. Postoperative "Rescue" Use of Erector Spinae Plane Block After Lumbar Spine Fusion: A Report of 2 Cases. *Local and regional anesthesia*. 2020;13:95-98.

McConn MM, **Gundy JT**, Karan SB, Lindenmuth DM. Adverse Drug Reaction: Midazolam Induced Extrapramidal Symptoms: A Case Report. *A&A practice*. 2020;14(8):e01248.

Johnson, Gail

Deaton CA, **Johnson GVW**. Presenilin 1 Regulates Membrane Homeostatic Pathways that are Dysregulated in Alzheimer's Disease. *Journal of Alzheimer's disease : JAD*. 2020;77(3):961-977.

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Guha S, Fischer S, **Johnson GVW**, Nehrke K. Tauopathy-associated tau modifications selectively impact neurodegeneration and mitophagy in a novel C. elegans single-copy transgenic model. *Molecular neurodegeneration*. 2020;15(1):65.

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Karan, Suzanne

Ward DS, **Karan SB**. Dexmedetomidine and the Upper Airway: Not as Simple as We Hoped. *Anesthesiology*. 2019;131(5):953-954.

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Kreso, Melissa

Glance LG, Hasley S, Glantz JC, **Kreso M**, et al. Measuring Childbirth Outcomes Using Administrative and Birth Certificate Data. *Anesthesiology*. 2019;131(2):238-253.

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Gosev I, Wood K, Ayers B, et al. Implantation of a fully magnetically levitated left ventricular assist device using a sternal-sparing surgical technique. *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*. 2020;39(1):37-44.

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Ayers B, Sagebin F, Wood K, et al. Complete Sternal-Sparing Approach Improves Outcomes for Left Ventricular Assist Device Implantation in Patients With History of Prior Sternotomy. *Innovations (Philadelphia, Pa)*. 2020;15(1):51-56.

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McConn MM, Gundy JT, Karan SB, **Lindenmuth DM**. Adverse Drug Reaction: Midazolam-Induced Extrapyramidal Symptoms: A Case Report. *A&A practice*. 2020;14(8):e01248.

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Glance LG, Faden E, Dutton RP, et al. Impact of Choice of Risk Model in Perioperative Guidelines: Reply. *Anesthesiology*. 2019;131(2):442-443.

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Nadtochiy, Sergiy

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Panda, Kunal

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Webber, Audra

Correll LR, Jin C, Park MS, **Webber AM**. Urgent Complex Intraoperative Reintubation in a Known Difficult Airway After Endotracheal Tube Damage: A Case Report. *A&A practice*. 2019;13(1):4-6.

Webber AM, Karan SB. Opioid-induced Miosis Is Unaltered by Obstructive Sleep Apnea: Comment. *Anesthesiology*. 2020;132(2):399-400.

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