

**Department of Anesthesiology and Perioperative Medicine**

**FY20 Publications (7-1-2020 to 6-30-2021)**

**\*\*\*\*\* 64 Unique papers**

**Beeram, Avinash**

Philip A, Williams M, Davis J, **Beeram, A.** et al. *Evaluating predictors of pain reduction after genicular nerve radiofrequency ablation for chronic knee pain.* *Pain Manag.* 2021

**Bernstein, Wendy**

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.

Bjelic M, Ayers B, Paic F, **Bernstein W** et al. *Study results suggest less invasive HeartMate 3 implantation is a safe and effective approach for obese patients.* *J Heart Lung Transplant.* 2021.

Gu Y, Panda K, Bensimhon A, **Bernstein W.** *Hybrid Approach to Post-Myocardial Infarction Ventricular Septal Rupture Repair and Its Early Complications.* *J Cardiothorac Vasc Anesth.* 2021;35(1):274-280.

**Brookes, Paul**

**Brookes PS,** Jimenez AG. *Metabolomics of aging in primary fibroblasts from small and large breed dogs.* *Geroscience.* 2021.

Cohen ED, Yee M, Porter GA, Jr., **Brookes, PS.** et al. *Neonatal hyperoxia inhibits proliferation and survival of atrial cardiomyocytes by suppressing fatty acid synthesis.* *JCI Insight.* 2021;6(5).

Huwaimel BI, Bhakta M, Kulkarni CA, **Brookes, PS,** et al. *Discovery of Haloogenated Benzothiadiazine Derivatives with Anticancer Activity\*.* *ChemMedChem.* 2021;16(7):1143-1162.

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

Lim Y, Berry B, Viteri S, **Brookes, PS,** et al. *FNDC-1-mediated mitophagy and ATFS-1 coordinate to protect against hypoxia-reoxygenation.* *Autophagy.* 2021:1-13.

Milliken AS, **Brookes PS.** *Amber alert: getting to the heart of succinate efflux in reperfusion injury.* *Cardiovasc Res.* 2021;117(4):997-998.

Milliken AS, Kulkarni CA, **Brookes PS.** *Acid enhancement of ROS generation by complex-I reverse electron transport is balanced by acid inhibition of complex-II: Relevance for tissue reperfusion injury.*

*Redox Biol.* 2020;37:101733.

Nadtochiy SM, Ngai M, **Brookes PS**. *Modified Blue Native Gel Approach for Analysis of Respiratory Supercomplexes.* *Methods Mol Biol.* 2021;2276:227-234.

### **Carinci, Adam**

Uribe-Rivera A, Rasubala L, Machado-Perez AC, Ren YF, Malmström H, **Carinci A**. *Preliminary study of the impact of elevated circulating plasma levels of catecholamines on opioid requirements for acute surgical pain.* *J Clin Transl Sci.* 2021;5(1):e114.

### **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.* *Int J Pediatr Otorhinolaryngol.* 2020;138:110289.

### **Dworkin, Robert**

Freeman R, Gewandter JS, Faber CG, Gibbons C, Haroutounian S, Lauria G, Levine T, Malik RA, Singleton JR, Smith AG, Bell J, **Dworkin RH**, Feldman E, Herrmann DN, Hoke A, Kolb N, Mansikka H, Oaklander AL, Peltier A, Polydefkis M, Ritt E, Russell JW, Sainati S, Steiner D, Treister R, Üçeyler N. *Idiopathic distal sensory polyneuropathy: ACTION diagnostic criteria.* *Neurology.* 2020 Dec 1;95(22):1005-1014.

Haroutounian S, Todorovic MS, Leinders M, Campagnolo M, Gewandter JS, **Dworkin RH**, Freeman R. *Diagnostic criteria for idiopathic small fiber neuropathy: A systematic review.* *Muscle Nerve.* 2021 Feb;63(2):170-177. doi: 10.1002/mus.27070. Epub 2020 Sep 29.

Kleykamp BA, Ferguson MC, McNicol E, Bixho I, Arnold LM, Edwards RR, Fillingim R, Grol-Prokopczyk H, Turk DC, **Dworkin RH**. *The Prevalence of Psychiatric and Chronic Pain Comorbidities in Fibromyalgia: an ACTION systematic review.* *Semin Arthritis Rheum.* 2021 Feb;51(1):166-174. doi: 10.1016/j.semarthrit.2020.10.006. Epub 2020 Dec 29.

Smith SM, **Dworkin RH**, Turk DC, McDermott MP, Eccleston C, Farrar JT, Rowbotham MC, Bhagwagar Z, Burke LB, Cowan P, Ellenberg SS, Evans SR, Freeman RL, Garrison LP, Iyengar S, Jadad A, Jensen MP, Junor R, Kamp C, Katz NP, Kesslak JP, Kopecky EA, Lissin D, Markman JD, Mease PJ, O'Connor AB, Patel KV, Raja SN, Sampaio C, Schoenfeld D, Singh J, Steigerwald I, Strand V, Tive LA, Tobias J, Wasan AD, Wilson HD. *Interpretation of chronic pain clinical trial outcomes: IMMPACT recommended considerations.* *Pain.* 2020 Nov;161(11):2446-2461.

**Dworkin RH**, Evans SR, Mbowe O, McDermott MP. *Essential statistical principles of clinical trials of pain treatments.* *Pain Rep.* 2020 Dec 18;6(1)

McNicol E, Ferguson M, Bungay K, Rowe EL, Eldabe S, Gewandter JS, Hayek SM, Katz N, Kopell BH, Markman J, Rezai A, Taylor RS, Turk DC, **Dworkin RH**, North RB, Thomson S. *Systematic*

Review of Research Methods and Reporting Quality of Randomized Clinical Trials of Spinal Cord Stimulation for Pain. J Pain. 2021 Feb;22(2):127-142.

Gewandter JS, McDermott MP, Evans S, Katz NP, Markman JD, Simon LS, Turk DC, **Dworkin RH.** Composite outcomes for pain clinical trials: considerations for design and interpretation Pain. 2021 Jul 1;162(7):1899-1905.

Gewandter JS, **Dworkin RH,** Turk DC, Devine EG, Hewitt D, Jensen MP, Katz NP, Kirkwood AA, Malamut R, Markman JD, Vrijens B, Burke L, Campbell JN, Carr DB, Conaghan PG, Cowan P, Doyle MK, Edwards RR, Evans SR, Farrar JT, Freeman R, Gilron I, Juge D, Kerns RD, Kopecky EA, McDermott MP, Niebler G, Patel KV, Rauck R, Rice ASC, Rowbotham M, Sessler NE, Simon LS, Singla N, Skljarevski V, Tockarschewsky T, Vanhove GF, Wasan AD, Witter J. Improving Study Conduct and Data Quality in Clinical Trials of Chronic Pain Treatments: IMMPACT Recommendations. J Pain. 2020 Sep-Oct;21(9-10):931-942.

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 Oct;161(10):2308-2320.

Smith SM, Fava M, Jensen MP, Mbowe OB, McDermott MP, Turk DC, **Dworkin RH.** John D. Loeser Award Lecture: Size does matter, but it isn't everything: the challenge of modest treatment effects in chronic pain clinical trials. Pain. 2020 Sep;161 Suppl 1(1):S3-S13.

Doshi TL, **Dworkin RH,** Polomano RC, Carr DB, Edwards RR, Finnerup NB, Freeman RL, Paice JA, Weisman SJ, Raja SN. AAAPT Diagnostic Criteria for Acute Neuropathic Pain. Pain Med. 2021 Mar 18;22(3):616-636.

**Dworkin RH,** Kerns RD, McDermott MP, Turk DC, Veasley C. The ACTION Guide to Clinical Trials of Pain Treatments, part II: mitigating bias, maximizing value. Pain Rep. 2021 Jan 21;6(1):e886.

Xu A, Larsen B, Henn A, Baller EB, Scott JC, Sharma V, Adebimpe A, Basbaum AI, Corder G, **Dworkin RH,** Edwards RR, Woolf CJ, Eickhoff SB, Eickhoff CR, Satterthwaite TD. Brain Responses to Noxious Stimuli in Patients With Chronic Pain: A Systematic Review and Meta-analysis. JAMA Netw Open. 2021 Jan 4;4(1):e2032236.

Gewandter JS, **Dworkin RH,** Turk DC, Farrar JT, Fillingim RB, Gilron I, Markman JD, Oaklander AL, Polydefkis MJ, Raja SN, Robinson JP, Woolf CJ, Ziegler D, Ashburn MA, Burke LB, Cowan P, George SZ, Goli V, Graff OX, Iyengar S, Jay GW, Katz J, Kehlet H, Kitt RA, Kopecky EA, Malamut R, McDermott MP, Palmer P, Rappaport BA, Rauschkolb C, Steigerwald I, Tobias J, Walco GA. Research design considerations for chronic pain prevention clinical trials: IMMPACT recommendations. Pain Rep. 2021 Jan 21;6(1):e895.

Katz N, **Dworkin RH**, North R, Thomson S, Eldabe S, Hayek SM, Kopell BH, Markman J, Rezai A, Taylor RS, Turk DC, Buchser E, Fields H, Fiore G, Ferguson M, Gewandter J, Hilker C, Jain R, Leitner A, Loeser J, McNicol E, Nurmikko T, Shipley J, Singh R, Trescot A, van Dongen R, Venkatesan L. Research design considerations for randomized controlled trials of spinal cord stimulation for pain: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials/Institute of Neuromodulation/International Neuromodulation Society recommendations. Pain. 2021 Jul 1;162(7):1935-1956

Li R, **Dworkin RH**, Chapman BP, Becerra AZ, Yang L, Mooney CJ, Seplaki CL. Moderate to Severe Chronic Pain in Later Life: Risk and Resilience Factors for Recovery. J Pain. 2021 Jun 23:S1526-5900(21)00244-3.

Rice ASC, **Dworkin RH**, Finnerup NB, Attal N, Anand P, Freeman R, Piaia A, Callegari F, Doerr C, Mondal S, Narayanan N, Ecochard L, Flossbach Y, Pandhi S. Efficacy and safety of EMA401 in peripheral neuropathic pain: results of 2 randomised, double-blind, phase 2 studies in patients with postherpetic neuralgia and painful diabetic neuropathy. Pain. 2021 Mar 1.

Ward DS, Absalom AR, Aitken LM, Balas MC, Brown DL, Burry L, Colantuoni E, Coursin D, Devlin JW, Dexter F, **Dworkin RH**, Egan TD, Elliott D, Egerod I, Flood P, Fraser GL, Girard TD, Gozal D, Hopkins RO, Kress J, Maze M, Needham DM, Pandharipande P, Riker R, Sessler DI, Shafer SL, Shehabi Y, Spies C, Sun LS, Tung A, Urman RD. Design of Clinical Trials Evaluating Sedation in Critically Ill Adults Undergoing Mechanical Ventilation: Recommendations From Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) Recommendation III. Crit Care Med. 2021 Apr 28.

Gewandter JS, Smith SM, **Dworkin RH**, Turk DC, Gan TJ, Gilron I, Hertz S, Katz NP, Markman JD, Raja SN, Rowbotham MC, Stacey BR, Strain EC, Ward DS, Farrar JT, Kroenke K, Rathmell JP, Rauck R, Brown C, Cowan P, Edwards RR, Eisenach JC, Ferguson M, Freeman R, Gray R, Giblin K, Grol-Prokopczyk H, Haythornthwaite J, Jamison RN, Martel M, McNicol E, L Oshinsky M, Sandbrink F, Scholz J, Scranton R, Simon LS, Steiner D, Verburg K, Wasan AD, Wentworth K. Research approaches for evaluating opioid sparing in clinical trials of acute and chronic pain treatments: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials recommendations. Pain. 2021 Apr 8

### **Eaton, Michael**

Nadtochiy SM, Baldizhar A, Stefanos T, **Eaton, MP**, et al. High-Dose Dabigatran Is an Effective Anticoagulant for Simulated Cardiopulmonary Bypass Using Human Blood. Anesth Analg. 2021;132(2):566-574.

Zaleski KL, DiNardo JA, **Eaton MP**. Bivalirudin: Are kids just adults to the ¾ power? Paediatr Anaesth. 2021;31(6):628-630.

**Gewandter, Jennifer**

Philip A, Williams M, Davis J, **Gewandter, J.** et al. *Evaluating predictors of pain reduction after genicular nerve radiofrequency ablation for chronic knee pain.* *Pain Manag.* 2021

Freeman R, **Gewandter JS**, Faber CG, Gibbons C, Haroutounian S, Lauria G, Levine T, Malik RA, Singleton JR, Smith AG, Bell J, Dworkin RH, Feldman E, Herrmann DN, Hoke A, Kolb N, Mansikka H, Oaklander AL, Peltier A, Polydefkis M, Ritt E, Russell JW, Sainati S, Steiner D, Treister R, Üçeyler N. *Idiopathic distal sensory polyneuropathy: ACTION diagnostic criteria.* *Neurology.* 2020 Dec 1;95(22):1005-1014.

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McNicol E, Ferguson M, Bungay K, Rowe EL, Eldabe S, **Gewandter JS**, Hayek SM, Katz N, Kopell BH, Markman J, Rezai A, Taylor RS, Turk DC, Dworkin RH, North RB, Thomson S. *Systematic Review of Research Methods and Reporting Quality of Randomized Clinical Trials of Spinal Cord Stimulation for Pain.* *J Pain.* 2021 Feb;22(2):127-142.

**Gewandter JS**, Dworkin RH, Turk DC, Devine EG, Hewitt D, Jensen MP, Katz NP, Kirkwood AA, Malamut R, Markman JD, Vrijens B, Burke L, Campbell JN, Carr DB, Conaghan PG, Cowan P, Doyle MK, Edwards RR, Evans SR, Farrar JT, Freeman R, Gilron I, Juge D, Kerns RD, Kopecky EA, McDermott MP, Niebler G, Patel KV, Rauck R, Rice ASC, Rowbotham M, Sessler NE, Simon LS, Singla N, Skljarevski V, Tockarszewsky T, Vanhove GF, Wasan AD, Witter J. *Improving Study Conduct and Data Quality in Clinical Trials of Chronic Pain Treatments: IMMPACT Recommendations.* *J Pain.* 2020 Sep-Oct;21(9-10):931-942.

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**Gewandter JS**, Smith SM, Dworkin RH, Turk DC, Gan TJ, Gilron I, Hertz S, Katz NP, Markman JD, Raja SN, Rowbotham MC, Stacey BR, Strain EC, Ward DS, Farrar JT, Kroenke K, Rathmell JP, Rauck R, Brown C, Cowan P, Edwards RR, Eisenach JC, Ferguson M, Freeman R, Gray R, Giblin K, Grol-Prokopczyk H, Haythornthwaite J, Jamison RN, Martel M, McNicol E, L Oshinsky M, Sandbrink F, Scholz J, Scranton R, Simon LS, Steiner D, Verburg K, Wasan AD, Wentworth K. *Research approaches for evaluating opioid sparing in clinical trials of acute and chronic pain treatments: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials recommendations.* Pain. 2021 Apr 8.

**Glance, Laurant**

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.* Anesth Analg. 2020;131(5):1383-1396.

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**Glance LG**, Thirukumaran CP, Dick AW. *The Unequal Burden of COVID-19 Deaths in Counties With High Proportions of Black and Hispanic Residents.* Med Care. 2021;59(6):470-476.

**Glance LG**, Thirukumaran CP, Feng C, Lustik SJ, Dick AW. *Association Between the Physician Quality Score in the Merit-Based Incentive Payment System and Hospital Performance in Hospital Compare in the First Year of the Program.* JAMA Netw Open. 2021;4(8):e2118449.

**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.

Nerenz DR, Austin JM, Deutscher D, **Glance, LG.**, et al. *Adjusting Quality Measures For Social Risk Factors Can Promote Equity In Health Care.* Health Aff (Millwood). 2021;40(4):637-644

Thirukumaran CP, Cai X, **Glance LG**, et al. *Geographic Variation and Disparities in Total Joint Replacement Use for Medicare Beneficiaries: 2009 to 2017.* J Bone Joint Surg Am. 2020;102(24):2120

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Thirukumaran CP, Kim Y, Cai X, **Glace, LG**. et al. Association of the Comprehensive Care for Joint Replacement Model With Disparities in the Use of Total Hip and Total Knee Replacement. *JAMA Netw Open*. 2021;4(5):e2111858.

**Gloff, Majorie (renee Robinson)**

Cahill CM, Alhasson B, Blumberg N, **Gloff M**. et al. Preoperative anemia management program reduces blood transfusion in elective cardiac surgical patients, improving outcomes and decreasing hospital length of stay. *Transfusion*. 2021.

**Gu, Yang**

Bjelic M, Ayers B, Paic F, Bernstein W, **Gu, Yang**, et al. Study results suggest less invasive HeartMate 3 implantation is a safe and effective approach for obese patients. *J Heart Lung Transplant*. 2021.

**Gu Y**, Panda K, Bensimhon A, Bernstein W. Hybrid Approach to Post-Myocardial Infarction Ventricular Septal Rupture Repair and Its Early Complications. *J Cardiothorac Vasc Anesth*. 2021;35(1):274-280.

Khan IR, **Gu Y**, George BP, et al. Brain Histopathology of Adult Decedents After Extracorporeal Membrane Oxygenation. *Neurology*. 2021;96(9):e1278-e1289.

**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 Reg Anesth*. 2020;13:95-98

**Johnson, Gail**

Guha S, **Johnson GVW**, Nehrke K. The Crosstalk Between Pathological Tau Phosphorylation and Mitochondrial Dysfunction as a Key to Understanding and Treating Alzheimer's Disease. *Mol Neurobiol*. 2020 Dec;57(12):5103-5120.

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Lin H, Koren SA, Cvetojevic G, Girardi P, Johnson GVW. The role of BAG3 in health and disease: A "Magic BAG of Tricks". J Cell Biochem. 2021 May 14.

### **Karan, Suzanne**

Hincker A, Nadler J, **Karan S**, et al. Sleep Apnea and Fetal Growth Restriction (SAFER) study: protocol for a pragmatic randomised clinical trial of positive airway pressure as an antenatal therapy for fetal growth restriction in maternal obstructive sleep apnoea. BMJ Open. 2021;11(6):e049120.

Love ER, Dexter F, Reminick JI, Sanford JA, **Karan S**. Interview Data Highlight Importance of "Same State" on Anesthesiology Residency Match. Anesth Analg. 2021;132(1):223-230.

Neves SE, Chen MJ, Ku CM, **Karan, S**. et al. Using Machine Learning to Evaluate Attending Feedback on Resident Performance. Anesth Analg. 2021;132(2):545-555.

Webster LR, **Karan S**. The Physiology and Maintenance of Respiration: A Narrative Review. Pain Ther. 2020;9(2):467-486

### **Kianpour, Daniel**

**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 Reg Anesth. 2020;13:95-98

### **Lindenmuth, Danielle**

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 Reg Anesth. 2020;13:95-98

**Lindenmuth DM**, Chase K, Cheyne C, et al. Enhanced Recovery After Surgery in Patients Implanted with Left Ventricular Assist Device. J Card Fail. 2021.

### **Lustik, Stewart**

Glance LG, Thirukumaran CP, Feng C, **Lustik SJ**, Dick AW. Association Between the Physician Quality Score in the Merit-Based Incentive Payment System and Hospital Performance in Hospital Compare in the First Year of the Program. JAMA Netw Open. 2021;4(8):e2118449.

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### **Mundangepufu, Ticha**

Schwartz J, Parsey D, **Mundangepufu T**, et al. Pre-operative patient optimization to prevent postoperative pulmonary complications-Insights and roles for the respiratory therapist: A narrative review. Can J Respir Ther. 2020;56:79-85.



### **Nadler, Jacob**

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### **Nadtochiy, Sergiy**

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

**Nadtochiy SM**, Baldzizhar A, Stefanos T, et al. *High-Dose Dabigatran Is an Effective Anticoagulant for Simulated Cardiopulmonary Bypass Using Human Blood.* *Anesth Analg.* 2021;132(2):566-574.

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### **Panda, Kunal**

Gu Y, **Panda K**, Bensimhon A, Bernstein W. *Hybrid Approach to Post-Myocardial Infarction Ventricular Septal Rupture Repair and Its Early Complications.* *J Cardiothorac Vasc Anesth.* 2021;35(1):274-280.

### **Papadakos, Peter**

Hernández A, Viñals M, Pablos A, **Papadakos, PJ**, et al. *Ozone therapy for patients with COVID-19 pneumonia: Preliminary report of a prospective case-control study.* *Int Immunopharmacol.* 2021;90:107261.

**Papadakos PJ.** *Doc, will my relative wake up and be normal?* *Neurocrit Care.* 2021.

Regan GA, **Papadakos PJ.** *Intracerebral hemorrhage after kratom ingestion.* *Jaapa.* 2021;34(4):33-36.

Schwartz J, Parsey D, Mundangepfupfu T, **Papadakos, PJ.** et al. *Pre-operative patient optimization to prevent postoperative pulmonary complications-Insights and roles for the respiratory therapist: A narrative review.* *Can J Respir Ther.* 2020;56:79-85.

### **Philip, Annie**

**Philip A**, Williams M, Davis J, et al. *Evaluating predictors of pain reduction after genicular nerve radiofrequency ablation for chronic knee pain.* *Pain Manag.* 2021.

### **Poli, Joseph**

Philip A, Williams M, Davis J, **Poli, J.** et al. *Evaluating predictors of pain reduction after genicular nerve*

radiofrequency ablation for chronic knee pain. Pain Manag. 2021

**Pranaat, Robert**

Schwartz J, Parsey D, Mundangeppufu T, **Pranaat, R.** et al. Pre-operative patient optimization to prevent postoperative pulmonary complications-Insights and roles for the respiratory therapist: A narrative review. Can J Respir Ther. 2020;56:79-85.

**Smith, Shannon**

**Smith SM,** Dworkin RH, Turk DC, McDermott MP, Eccleston C, Farrar JT, Rowbotham MC, Bhagwagar Z, Burke LB, Cowan P, Ellenberg SS, Evans SR, Freeman RL, Garrison LP, Iyengar S, Jadad A, Jensen MP, Junor R, Kamp C, Katz NP, Kesslak JP, Kopecky EA, Lissin D, Markman JD, Mease PJ, O'Connor AB, Patel KV, Raja SN, Sampaio C, Schoenfeld D, Singh J, Steigerwald I, Strand V, Tive LA, Tobias J, Wasan AD, Wilson HD. Interpretation of chronic pain clinical trial outcomes: IMMPACT recommended considerations. Pain. 2020 Nov;161(11):2446-2461.

**Smith SM,** Fava M, Jensen MP, Mbowe OB, McDermott MP, Turk DC, Dworkin RH. John D. Loeser Award Lecture: Size does matter, but it isn't everything: the challenge of modest treatment effects in chronic pain clinical trials. Pain. 2020 Sep;161 Suppl 1(1):S3-S13.

Gewandter JS, **Smith SM,** Dworkin RH, Turk DC, Gan TJ, Gilron I, Hertz S, Katz NP, Markman JD, Raja SN, Rowbotham MC, Stacey BR, Strain EC, Ward DS, Farrar JT, Kroenke K, Rathmell JP, Rauck R, Brown C, Cowan P, Edwards RR, Eisenach JC, Ferguson M, Freeman R, Gray R, Giblin K, Grol-Prokopczyk H, Haythornthwaite J, Jamison RN, Martel M, McNicol E, L Oshinsky M, Sandbrink F, Scholz J, Scranton R, Simon LS, Steiner D, Verburg K, Wasan AD, Wentworth K. Research approaches for evaluating opioid sparing in clinical trials of acute and chronic pain treatments: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials recommendations. Pain. 2021 Apr 8

**Tsang, Steven**

Schwartz J, Parsey D, Mundangeppufu T, **Tsang, S.** et al. Pre-operative patient optimization to prevent postoperative pulmonary complications-Insights and roles for the respiratory therapist: A narrative review. Can J Respir Ther. 2020;56:79-85.

**Vangellow, Alexis**

Philip A, Williams M, Davis J, **Vangellow, A.** et al. Evaluating predictors of pain reduction after genicular nerve radiofrequency ablation for chronic knee pain. Pain Manag. 2021

**Williams, Mark**

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**Wyrobek, Julie**

Lindenmuth DM, Chase K, Cheyne C, **Wyrobek, J.** et al. Enhanced Recovery After Surgery in Patients Implanted with Left Ventricular Assist Device. J Card Fail. 2021.