

Department of Anesthesia FY17 publications (7-1-2016 to 6-30-2017)

*****78 Unique papers

Borovcanin, Zana

Smith DI, Chiem JL, Burk S, **Borovcanin ZC**, Tran NH. *Hemodynamic instability and Horner's syndrome following a labour lumbar neuraxial block: A warning sign of a potentially lethal event?* J R Soc Med. 2017 Jun;110(6):245-248. doi: 10.1177/0141076816681745. Epub 2017 Jan 24. PubMed [citation] PMID: 28116954

Brookes, Paul

Smith CO, Nehrke K, **Brookes PS**. *The Slo(w) path to identifying the mitochondrial channels responsible for ischemic protection*. Biochem J. 2017 Jun 9;474(12):2067-2094. doi: 10.1042/BCJ20160623. Review. PubMed [citation] PMID:28600454, PMCID: PMC5568769

Wang H, Huwaimel B, Verma K, Miller J, Germain TM, Kinarivala N, Pappas D, **Brookes PS**, Trippier PC. *Synthesis and Antineoplastic Evaluation of Mitochondrial Complex II (Succinate Dehydrogenase) Inhibitors Derived from Atpenin A5*. ChemMedChem. 2017 Jul 6;12(13):1033-1044. doi: 10.1002/cmdc.201700196. Epub 2017 Jun 12. PubMed [citation] PMID: 28523727, PMCID: PMC5557372

Brand MD, Goncalves RL, Orr AL, Vargas L, Gerencser AA, Borch Jensen M, Wang YT, Melov S, Turk CN, Matzen JT, Dardov VJ, Petrassi HM, Meeusen SL, Perevoshchikova IV, Jasper H, **Brookes PS**, Ainscow EK. *Suppressors of Superoxide-H(2)O(2) Production at Site I(Q) of Mitochondrial Complex I Protect against Stem Cell Hyperplasia and Ischemia-Reperfusion Injury*. Cell Metab. 2016 Oct 11;24(4):582-592. doi: 10.1016/j.cmet.2016.08.012. Epub 2016 Sep 22. PubMed [citation] PMID: 27667666, PMCID: PMC5061631

Nadtochiy SM, Schafer X, Fu D, Nehrke K, Munger J, **Brookes PS**. *Acidic pH Is a Metabolic Switch for 2-Hydroxyglutarate Generation and Signaling*. J Biol Chem. 2016 Sep 16;291(38):20188-97. doi: 10.1074/jbc.M116.738799. Epub 2016 Aug 10. PubMed [citation] PMID: 27510037, PMCID: PMC5025701

Peña S, Sherman T, **Brookes PS**, Nehrke K. *The Mitochondrial Unfolded Protein Response Protects against Anoxia in Caenorhabditis elegans*. PLoS One. 2016 Jul 26;11(7):e0159989. doi: 10.1371/journal.pone.0159989. eCollection 2016. PubMed [citation] PMID: 27459203, PMCID: PMC4961406

Shum LC, White NS, Nadtochiy SM, Bentley KL, **Brookes PS**, Jonason JH, Eliseev RA. *Cyclophilin D Knock-Out Mice Show Enhanced Resistance to Osteoporosis and to Metabolic Changes Observed in Aging Bone*. PLoS One. 2016 May 16;11(5):e0155709. doi: 10.1371/journal.pone.0155709. eCollection 2016. PubMed [citation] PMID:27183225, PMCID: PMC4868300

Pell VR, Chouchani ET, Murphy MP, **Brookes PS**, Krieg T. *Moving Forwards by Blocking Back-Flow: The Yin and Yang of MI Therapy*. *Circ Res*. 2016 Mar 4;118(5):898-906. doi: 10.1161/CIRCRESAHA.115.306569. Review. PubMed [citation] PMID: 26941425, PMCID: PMC4809200

Wojtovich AP, Smith CO, Urciuoli WR, Wang YT, Xia XM, **Brookes PS**, Nehrke K. Cardiac Slo2.1 *Is Required for Volatile Anesthetic Stimulation of K⁺ Transport and Anesthetic Preconditioning*. *Anesthesiology*. 2016 May;124(5):1065-76. doi: 10.1097/ALN.0000000000001046. PubMed [citation] PMID: 26845140, PMCID: PMC4837053

Zhang J, Nadtochiy SM, Urciuoli WR, **Brookes PS**. *The cardioprotective compound cloxyquin uncouples mitochondria and induces autophagy*. *Am J Physiol Heart Circ Physiol*. 2016 Jan 1;310(1):H29-38. doi: 10.1152/ajpheart.00926.2014. Epub 2015 Oct 30. PubMed [citation] PMID: 26519034, PMCID: PMC4796459

Shi X, O'Neill MM, MacDonnell S, **Brookes PS**, Yan C, Berk BC. *The RSK Inhibitor BIX02565 Limits Cardiac Ischemia/Reperfusion Injury*. *J Cardiovasc Pharmacol Ther*. 2016 Mar;21(2):177-86. doi: 10.1177/1074248415591700. Epub 2015 Jun 30. PubMed[citation] PMID: 26130615, PMCID: PMC4822162

Dailor, Ellen

Mvondo CM, Pugliese M, Giamberti A, Chelo D, Kuate LM, Boombhi J, **Dailor EM**. *Surgery for rheumatic mitral valve disease in sub-saharan African countries: why valve repair is still the best surgical option*. *Pan Afr Med J*. 2016 Aug 11;24:307. doi: 10.11604/pamj.2016.24.307.7504. eCollection 2016. Review. PubMed [citation] PMID: 28154662, PMCID: PMC5267788

Dworkin, Robert

Smith SM, Jones JK, Katz NP, Roland CL, Setnik B, Trudeau JJ, Wright S, Burke LB, Comer SD, Dart RC, Dionne R, Haddox JD, Jaffe JH, Kopecky EA, Martell BA, Montoya ID, Stanton M, Wasan AD, Turk DC, **Dworkin RH**. Measures *That Identify Prescription Medication Misuse, Abuse, and Related Events in Clinical Trials: ACTION Critique and Recommended Considerations*. *J Pain*. 2017 May 4. pii: S1526-5900(17)30569-2. doi: 10.1016/j.jpain.2017.03.015. [Epub ahead of print] PubMed [citation] PMID:28479207

Gauthier LR, **Dworkin RH**, Warr D, Pillai Riddell R, Macpherson AK, Rodin G, Zimmermann C, Lawrence Librach S, Moore M, Shepherd FA, Gagliese L. *Age-Related Patterns in Cancer Pain and Its Psychosocial Impact: Investigating the Role of Variability in Physical and Mental Health Quality of Life*. *Pain Med*. 2017 Mar 3. doi: 10.1093/pm/pnx002. [Epub ahead of print] PubMed [citation] PMID: 28340045

Colloca L, Ludman T, Bouhassira D, Baron R, Dickenson AH, Yarnitsky D, Freeman R, Truini A, Attal N, Finnerup NB, Eccleston C, Kalso E, Bennett DL, **Dworkin RH**, Raja SN. *Neuropathic pain*. *Nat Rev Dis Primers*. 2017 Feb 16;3:17002. doi:

10.1038/nrdp.2017.2. Review. PubMed [citation] PMID: 28205574, PMCID: PMC5371025

Gewandter JS, Kitt RA, Hunsinger MR, Poku J, Lozano J, Chaudari J, Evans S, Gross RA, McDermott MP, Rowbotham MC, Turk DC, **Dworkin RH**. Reporting of data monitoring boards in publications of randomized clinical trials is often deficient: ACTION systematic review. J Clin Epidemiol. 2017 Mar;83:101-107. doi: 10.1016/j.jclinepi.2016.12.018. Epub 2017 Jan 23. Review. PubMed [citation] PMID: 28126598

Dworkin RH, Edwards RR. Phenotypes and treatment response: it's difficult to make predictions, especially about the future. Pain. 2017 Feb;158(2):187-189. doi: 10.1097/j.pain.0000000000000771. No abstract available. PubMed [citation] PMID: 28092645

Rothstein D, Kitt RA, Smith SM, Abdi S, Engle MP, McDermott MP, Raja SN, Turk DC, **Dworkin RH**, Gewandter JS. Reporting of Design Features and Analysis Details in Randomized Clinical Trials of Procedural Treatments for Cancer Pain: An ACTION Systematic Review. Reg Anesth Pain Med. 2017 May/June;42(3):392-399. doi: 10.1097/AAP.0000000000000553. PubMed [citation] PMID: 28085789

Gewandter JS, **Dworkin RH**, Finnerup NB, Freeman R, Mohile NA. Reply. Pain. 2017 Jan;158(1):182-183. No abstract available. PubMed [citation] PMID: 27984531

Gewandter JS, McDermott MP, McKeown A, Hoang K, Iwan K, Kralovic S, Rothstein D, Gilron I, Katz NP, Raja SN, Senn S, Smith SM, Turk DC, **Dworkin RH**. Reporting of cross-over clinical trials of analgesic treatments for chronic pain: Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks systematic review and recommendations. Pain. 2016 Nov;157(11):2544-2551. PubMed [citation] PMID: 27437786

Williams MR, Ward DS, Carlson D, Cravero J, Dexter F, Lightdale JR, Mason KP, Miner J, Vargo JJ, Berkenbosch JW, Clark RM, Constant I, Dionne R, **Dworkin RH**, Gozal D, Grayzel D, Irwin MG, Lerman J, O'Connor RE, Pandharipande P, Rappaport BA, Riker RR, et al. Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 1 Efficacy: Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research Recommendations. Anesth Analg. 2017 Mar;124(3):821-830. doi: 10.1213/ANE.0000000000001566. PubMed [citation] PMID: 27622720

Dworkin RH, Bruehl S, Fillingim RB, Loeser JD, Terman GW, Turk DC. Multidimensional Diagnostic Criteria for Chronic Pain: Introduction to the ACTION-American Pain Society Pain Taxonomy (AAPT). J Pain. 2016 Sep;17(9 Suppl):T1-9. doi: 10.1016/j.jpain.2016.02.010. Review. PubMed [citation] PMID: 27586826

Bruehl S, Ohrbach R, Sharma S, Widerstrom-Noga E, **Dworkin RH**, Fillingim RB, Turk DC. Approaches to Demonstrating the Reliability and Validity of Core Diagnostic Criteria for Chronic Pain. J Pain. 2016 Sep;17(9 Suppl):T118-31. doi: 10.1016/j.jpain.2015.10.014. Review. PubMed [citation] PMID: 27586829

Edwards RR, **Dworkin RH**, Sullivan MD, Turk DC, Wasan AD. The Role of Psychosocial Processes in the Development and Maintenance of Chronic Pain. J Pain. 2016 Sep;17(9 Suppl):T70-92. doi: 10.1016/j.jpain.2016.01.001. Review. PubMed [citation] PMID: 27586832, PMCID: PMC5012303

Gewandter JS, **Dworkin RH**, Finnerup NB, Mohile NA. Painful chemotherapy-induced peripheral neuropathy: lack of treatment efficacy or the wrong clinical trial methodology? Pain. 2017 Jan;158(1):30-33. No abstract available. PubMed [citation] PMID: 27564867

Smith SM, Gewandter JS, Kitt RA, Markman JD, Vaughan JA, Cowan P, Kopecky EA, Malamut R, Sadosky A, Tive L, Turk DC, **Dworkin RH**. Participant Preferences for Pharmacologic Chronic Pain Treatment Trial Characteristics: An ACTION Adaptive Choice-Based Conjoint Study. J Pain. 2016 Nov;17(11):1198-1206. doi: 10.1016/j.jpain.2016.07.008. Epub 2016 Aug 20. PubMed [citation] PMID: 27555429

Dworkin RH. Comment: Clinical outcome assessments in transition. Neurology. 2016 Aug 16;87(7 Suppl 1):S10. doi: 10.1212/WNL.0000000000002936. No abstract available. PubMed [citation] PMID: 27527644

Williams MR, McKeown A, Pressman Z, Hunsinger M, Lee K, Coplan P, Gilron I, Katz NP, McDermott MP, Raja SN, Rappaport BA, Rowbotham MC, Turk DC, **Dworkin RH**, Smith SM. Adverse Event Reporting in Clinical Trials of Intravenous and Invasive Pain Treatments: An ACTION Systematic Review. J Pain. 2016 Nov;17(11):1137-1149. doi:10.1016/j.jpain.2016.07.006. Epub 2016 Aug 12. Review. PubMed [citation] PMID:27522950

Gewandter JS, Burke L, Cavaletti G, **Dworkin RH**, Gibbons C, Gover TD, Herrmann DN, McArthur JC, McDermott MP, Rappaport BA, Reeve BB, Russell JW, Smith AG, Smith SM, Turk DC, Vinik AI, Freeman R. Content validity of symptom-based measures for diabetic, chemotherapy, and HIV peripheral neuropathy. Muscle Nerve. 2017 Mar;55(3):366-372. doi: 10.1002/mus.25264. Epub 2016 Dec 23. Review. PubMed[citation] PMID: 27447116, PMCID: PMC5528159

Edwards RR, **Dworkin RH**, Turk DC, Angst MS, Dionne R, Freeman R, Hansson P, Haroutounian S, Arendt-Nielsen L, Attal N, Baron R, Brell J, Bujanover S, Burke LB, Carr D, Chappell AS, Cowan P, Etropolski M, Fillingim RB, Gewandter JS, Katz NP, Kopecky EA, et al. Patient phenotyping in clinical trials of chronic pain treatments: IMMPACT recommendations. Pain. 2016 Sep;157(9):1851-71. doi: 10.1097/j.pain.0000000000000602. Review. PubMed [citation] PMID: 27152687

Taylor AM, Phillips K, Patel KV, Turk DC, **Dworkin RH**, Beaton D, Clauw DJ, Gignac MA, Markman JD, Williams DA, Bujanover S, Burke LB, Carr DB, Choy EH, Conaghan PG, Cowan P, Farrar JT, Freeman R, Gewandter J, Gilron I, Goli V, Gover TD, et al. *Assessment of physical function and participation in chronic pain clinical trials: IMMPACT/OMERACT recommendations*. Pain. 2016 Sep;157(9):1836-50. doi: 10.1097/j.pain.0000000000000577. Review. PubMed [citation] PMID: 27058676

Thakur S, **Dworkin RH**, Freeman R, Gorson KC, Herrmann DN. *Pain in acquired inflammatory demyelinating polyneuropathies*. Pain. 2016 Sep;157(9):1887-94. doi: 10.1097/j.pain.0000000000000539. Review. No abstract available. PubMed [citation] PMID: 26945234

Chowdhry AK, **Dworkin RH**, McDermott MP. *Meta-analysis with missing study-level sample variance data*. Stat Med. 2016 Jul 30;35(17):3021-32. doi: 10.1002/sim.6908. Epub 2016 Feb 16. PubMed [citation] PMID: 26888093, PMCID: PMC4931964

Cooper SA, Desjardins PJ, Turk DC, **Dworkin RH**, Katz NP, Kehlet H, Ballantyne JC, Burke LB, Carragee E, Cowan P, Croll S, Dionne RA, Farrar JT, Gilron I, Gordon DB, Iyengar S, Jay GW, Kalso EA, Kerns RD, McDermott MP, Raja SN, Rappaport BA, et al. *Research design considerations for single-dose analgesic clinical trials in acute pain: IMMPACT recommendations*. Pain. 2016 Feb;157(2):288-301. doi: 10.1097/j.pain.0000000000000375. Review. PubMed [citation] PMID: 26683233

Andrews NA, Latrémolière A, Basbaum AI, Mogil JS, Porreca F, Rice AS, Woolf CJ, Currie GL, **Dworkin RH**, Eisenach JC, Evans S, Gewandter JS, Gover TD, Handwerker H, Huang W, Iyengar S, Jensen MP, Kennedy JD, Lee N, Levine J, Lidster K, Machin I, et al. *Ensuring transparency and minimization of methodologic bias in preclinical pain research: PPRECISE considerations*. Pain. 2016 Apr;157(4):901-9. doi: 10.1097/j.pain.0000000000000458. Review. PubMed [citation] PMID: 26683237, PMCID: PMC4794131

Williams MR, McKeown A, Dexter F, Miner JR, Sessler DI, Vargo J, Turk DC, **Dworkin RH**. *Efficacy Outcome Measures for Procedural Sedation Clinical Trials in Adults: An ACTION Systematic Review*. Anesth Analg. 2016 Jan;122(1):152-70. doi: 10.1213/ANE.0000000000000934. Review. PubMed [citation] PMID: 26678470

Kiluk BD, Carroll KM, Duhig A, Falk DE, Kampman K, Lai S, Litten RZ, McCann DJ, Montoya ID, Preston KL, Skolnick P, Weisner C, Woody G, Chandler R, Detke MJ, Dunn K, **Dworkin RH**, Fertig J, Gewandter J, Moeller FG, Ramey T, Ryan M, et al. *Measures of outcome for stimulant trials: ACTION recommendations and research agenda*. Drug Alcohol Depend. 2016 Jan 1;158:1-7. doi: 10.1016/j.drugalcdep.2015.11.004. Epub 2015 Nov 21. Review. PubMed [citation] PMID: 26652899, PMCID: PMC4698050

Dworkin JD, McKeown A, Farrar JT, Gilron I, Hunsinger M, Kerns RD, McDermott MP, Rappaport BA, Turk DC, **Dworkin RH**, Gewandter JS. *Deficiencies in reporting of statistical methodology in recent randomized trials of nonpharmacologic pain treatments: ACTION systematic review*. J Clin Epidemiol. 2016 Apr;72:56-65. doi: 10.1016/j.jclinepi.2015.10.019. Epub 2015 Nov 18. Review. PubMed [citation] PMID:26597977

Dworkin RH. *Two very different types of clinical importance*. Contemp Clin Trials. 2016 Jan;46:11. doi: 10.1016/j.cct.2015.11.007. Epub 2015 Nov 10. No abstract available. PubMed [citation] PMID: 26554514

Eaton, Michael

Eaton MP. *Prediction, Guidance, and the Utility of Information*. J Cardiothorac Vasc Anesth. 2017 Jun;31(3):909-911. doi: 10.1053/j.jvca.2017.03.032. Epub 2017 Mar 24. No abstract available. PubMed [citation] PMID: 28689819

Conlin F, Connelly NR, **Eaton MP**, Broderick PJ, Friderici J, Adler AC. *Perioperative Use of Focused Transthoracic Cardiac Ultrasound: A Survey of Current Practice and Opinion*. Anesth Analg. 2017 May 19. doi: 10.1213/ANE.0000000000002089. [Epub ahead of print] PubMed [citation] PMID: 28537977

Lopez M, Feng C, Vasilyeva O, **Eaton MP**. *Supplemental Antithrombin Is Effective in Achieving Adequate Anticoagulation in Infants and Children With an Inadequate Response to Heparin*. J Cardiothorac Vasc Anesth. 2017 Jun;31(3):896-900. doi: 10.1053/j.jvca.2016.12.001. Epub 2016 Dec 2. PubMed [citation] PMID: 28242144

Shaw AD, Fox AA, **Eaton MP**. *Meeting Report: 38th Annual Scientific Meeting and Workshops of the Society of Cardiovascular Anesthesiologists*. Anesth Analg. 2016 Dec 15. [Epub ahead of print] No abstract available. PubMed [citation] PMID: 27984224

Glance LG, Osler T, Li Y, Lustik SJ, **Eaton MP**, Dutton RP, Dick AW. *Outcomes are Worse in US Patients Undergoing Surgery on Weekends Compared With Weekdays*. Med Care. 2016 Jun;54(6):608-15. doi: 10.1097/MLR.0000000000000532. PubMed [citation] PMID: 27111750

Glance LG, Hannan EL, Fleisher LA, **Eaton MP**, Dutton RP, Lustik SJ, Li Y, Dick AW. *Feasibility of Report Cards for Measuring Anesthesiologist Quality for Cardiac Surgery*. Anesth Analg. 2016 May;122(5):1603-13. doi: 10.1213/ANE.0000000000001252. PubMed [citation] PMID: 27101502

Gewandter, Jennifer

Gewandter JS, Eisenach JC, Gross RA, Jensen MP, Keefe FJ, Lee DA, Turk DC. *Checklist for the preparation and review of pain clinical trial publications: a pain-specific supplement to CONSORT*. Pain Rep. 2017;2017. pii: e621. doi:

10.1097/PR9.0000000000000621. Epub 2017 Sep 13. PubMed [citation] PMID: 28989992, PMCID: PMC5625298

Kent ML, Tighe PJ, Belfer I, Brennan TJ, Bruehl S, Brummett CM, Buckenmaier CC 3rd, Buvanendran A, Cohen RI, Desjardins P, Edwards D, Fillingim R, **Gewandter J**, Gordon DB, Hurley RW, Kehlet H, Loeser JD, Mackey S, McLean SA, Polomano R, Rahman S, Raja S, et al. *The ACTION-APS-AAPM Pain Taxonomy (AAAPT) Multidimensional Approach to Classifying Acute Pain Conditions*. J Pain. 2017 May;18(5):479-489. doi: 10.1016/j.jpain.2017.02.421. PubMed [citation] PMID: 28495013

Kent ML, Tighe PJ, Belfer I, Brennan TJ, Bruehl S, Brummett CM, Buckenmaier CC 3rd, Buvanendran A, Cohen RI, Desjardins P, Edwards D, Fillingim R, **Gewandter J**, Gordon DB, Hurley RW, Kehlet H, Loeser JD, Mackey S, McLean SA, Polomano R, Rahman S, Raja S, et al. *The ACTION-APS-AAPM Pain Taxonomy (AAAPT) Multidimensional Approach to Classifying Acute Pain Conditions*. Pain Med. 2017 May 1;18(5):947-958. doi: 10.1093/pm/pnx019. PubMed [citation] PMID: 28482098, PMCID: PMC5431381

Gewandter JS, Kitt RA, Hunsinger MR, Poku J, Lozano J, Chaudari J, Evans S, Gross RA, McDermott MP, Rowbotham MC, Turk DC, Dworkin RH. *Reporting of data monitoring boards in publications of randomized clinical trials is often deficient: ACTION systematic review*. J Clin Epidemiol. 2017 Mar;83:101-107. doi: 10.1016/j.jclinepi.2016.12.018. Epub 2017 Jan 23. Review. PubMed [citation] PMID: 28126598

Rothstein D, Kitt RA, Smith SM, Abdi S, Engle MP, McDermott MP, Raja SN, Turk DC, Dworkin RH, **Gewandter JS**. *Reporting of Design Features and Analysis Details in Randomized Clinical Trials of Procedural Treatments for Cancer Pain: An ACTION Systematic Review*. Reg Anesth Pain Med. 2017 May/Jun;42(3):392-399. doi: 10.1097/AAP.0000000000000553. PubMed [citation] PMID: 28085789

Gewandter JS, Dworkin RH, Finnerup NB, Freeman R, Mohile NA. *Reply*. Pain. 2017 Jan;158(1):182-183. No abstract available. PubMed [citation] PMID: 27984531

Gewandter JS, McDermott MP, McKeown A, Hoang K, Iwan K, Kralovic S, Rothstein D, Gilron I, Katz NP, Raja SN, Senn S, Smith SM, Turk DC, Dworkin RH. *Reporting of cross-over clinical trials of analgesic treatments for chronic pain: Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks systematic review and recommendations*. Pain. 2016 Nov;157(11):2544-2551. PubMed [citation] PMID: 27437786

Gewandter JS, Dworkin RH, Finnerup NB, Mohile NA. *Painful chemotherapy-induced peripheral neuropathy: lack of treatment efficacy or the wrong clinical trial methodology?* Pain. 2017 Jan;158(1):30-33. No abstract available. PubMed [citation] PMID: 27564867

Smith SM, **Gewandter JS**, Kitt RA, Markman JD, Vaughan JA, Cowan P, Kopecky EA, Malamut R, Sadosky A, Tive L, Turk DC, Dworkin RH. Participant Preferences for Pharmacologic Chronic Pain Treatment Trial Characteristics: An ACTION Adaptive Choice-Based Conjoint Study. J Pain. 2016 Nov;17(11):1198-1206. doi: 10.1016/j.jpain.2016.07.008. Epub 2016 Aug 20. PubMed [citation] PMID: 27555429

Gewandter JS, Burke L, Cavaletti G, Dworkin RH, Gibbons C, Gover TD, Herrmann DN, McArthur JC, McDermott MP, Rappaport BA, Reeve BB, Russell JW, Smith AG, Smith SM, Turk DC, Vinik AI, Freeman R. Content validity of symptom-based measures for diabetic, chemotherapy, and HIV peripheral neuropathy. Muscle Nerve. 2017 Mar;55(3):366-372. doi: 10.1002/mus.25264. Epub 2016 Dec 23. Review. PubMed[citation] PMID: 27447116, PMCID: PMC5528159

Edwards RR, Dworkin RH, Turk DC, Angst MS, Dionne R, Freeman R, Hansson P, Haroutounian S, Arendt-Nielsen L, Attal N, Baron R, Brell J, Bujanover S, Burke LB, Carr D, Chappell AS, Cowan P, Etropolski M, Fillingim RB, **Gewandter JS**, Katz NP, Kopecky EA, et al. Patient phenotyping in clinical trials of chronic pain treatments: IMMPACT recommendations. Pain. 2016 Sep;157(9):1851-71. doi: 10.1097/j.pain.0000000000000602. Review. PubMed [citation] PMID: 27152687

Smith SM, Amtmann D, Askew RL, **Gewandter JS**, Hunsinger M, Jensen MP, McDermott MP, Patel KV, Williams M, Bacci ED, Burke LB, Chambers CT, Cooper SA, Cowan P, Desjardins P, Etropolski M, Farrar JT, Gilron I, Huang IZ, Katz M, Kerns RD, Kopecky EA, et al. Pain intensity rating training: results from an exploratory study of the ACTION PROTECCT system. Pain. 2016 May;157(5):1056-64. doi: 10.1097/j.pain.0000000000000502. PubMed [citation] PMID: 27058680

Taylor AM, Phillips K, Patel KV, Turk DC, Dworkin RH, Beaton D, Clauw DJ, Gignac MA, Markman JD, Williams DA, Bujanover S, Burke LB, Carr DB, Choy EH, Conaghan PG, Cowan P, Farrar JT, Freeman R, **Gewandter J**, Gilron I, Goli V, Gover TD, et al. Assessment of physical function and participation in chronic pain clinical trials: IMMPACT/OMERACT recommendations. Pain. 2016 Sep;157(9):1836-50. doi: 10.1097/j.pain.0000000000000577. Review. PubMed [citation] PMID: 27058676

Andrews NA, Latrémolière A, Basbaum AI, Mogil JS, Porreca F, Rice AS, Woolf CJ, Currie GL, Dworkin RH, Eisenach JC, Evans S, **Gewandter JS**, Gover TD, Handwerker H, Huang W, Iyengar S, Jensen MP, Kennedy JD, Lee N, Levine J, Lidster K, Machin I, et al. Ensuring transparency and minimization of methodologic bias in preclinical pain research: PPRECISE considerations. Pain. 2016 Apr;157(4):901-9. doi: 10.1097/j.pain.0000000000000458. Review. PubMed [citation] PMID: 26683237,PMCID: PMC4794131

Kiluk BD, Carroll KM, Duhig A, Falk DE, Kampman K, Lai S, Litten RZ, McCann DJ, Montoya ID, Preston KL, Skolnick P, Weisner C, Woody G, Chandler R, Detke MJ,

Dunn K, Dworkin RH, Fertig J, **Gewandter J**, Moeller FG, Ramey T, Ryan M, et al. Measures of outcome for stimulant trials: ACTION recommendations and research agenda. Drug Alcohol Depend. 2016 Jan 1;158:1-7. doi: 10.1016/j.drugalcdep.2015.11.004. Epub 2015 Nov 21. Review. PubMed [citation] PMID: 26652899, PMCID: PMC4698050

Dworkin JD, McKeown A, Farrar JT, Gilron I, Hunsinger M, Kerns RD, McDermott MP, Rappaport BA, Turk DC, Dworkin RH, **Gewandter JS**. Deficiencies in reporting of statistical methodology in recent randomized trials of nonpharmacologic pain treatments: ACTION systematic review. J Clin Epidemiol. 2016 Apr;72:56-65. doi: 10.1016/j.jclinepi.2015.10.019. Epub 2015 Nov 18. Review. PubMed [citation] PMID:26597977

Glance, Laurent

Li Y, Cen X, Cai X, Thirukumaran CP, Zhou J, **Glance LG**. Medicare Advantage Associated With More Racial Disparity Than Traditional Medicare For Hospital Readmissions. Health Aff (Millwood). 2017 Jul 1;36(7):1328-1335. doi: 10.1377/hlthaff.2016.1344. Epub 2017 Jun 21. PubMed [citation] PMID: 28637771

Cook A, Osler T, Hosmer D, **Glance L**, Rogers F, Gross B, Garcia-Filion P, Malhotra A. Gunshot wounds resulting in hospitalization in the United States: 2004-2013. Injury. 2017 Mar;48(3):621-627. doi: 10.1016/j.injury.2017.01.044. Epub 2017 Jan 30. PubMed [citation] PMID: 28173921

Li Y, Cen X, Cai X, Wang D, Thirukumaran CP, **Glance LG**. Does Medicare Advantage Reduce Racial Disparity in 30-Day Rehospitalization for Medicare Beneficiaries? Med Care Res Rev. 2016 Dec 6. pii: 1077558716681938. [Epub ahead of print] PubMed[citation] PMID: 27927839

Thirukumaran CP, **Glance LG**, Temkin-Greener H, Rosenthal MB, Li Y. Impact of Medicare's Nonpayment Program on Hospital-acquired Conditions. Med Care. 2017 May;55(5):447-455. doi: 10.1097/MLR.0000000000000680. PubMed [citation] PMID: 27922910

Glance LG, Li Y, Dick AW. Quality of Quality Measurement: Impact of Risk Adjustment, Hospital Volume, and Hospital Performance. Anesthesiology. 2016 Dec;125(6):1092-1102. PubMed [citation] PMID: 27662399

Glance LG, Osler T, Li Y, Lustik SJ, Eaton MP, Dutton RP, Dick AW. Outcomes are Worse in US Patients Undergoing Surgery on Weekends Compared With Weekdays. Med Care. 2016 Jun;54(6):608-15. doi: 10.1097/MLR.0000000000000532. PubMed [citation] PMID: 27111750

Glance LG, Hannan EL, Fleisher LA, Eaton MP, Dutton RP, Lustik SJ, Li Y, Dick AW. Feasibility of Report Cards for Measuring Anesthesiologist Quality for Cardiac Surgery. Anesth Analg. 2016 May;122(5):1603-13. doi:

10.1213/ANE.0000000000001252. PubMed [citation] PMID: 27101502

Glance LG, Dick AW. *In Response*. Anesth Analg. 2016 May;122(5):1722-7. doi: 10.1213/ANE.0000000000001194. No abstract available. PubMed [citation] PMID: 27101511

Glance LG, Kellermann AL, Osler TM, Li Y, Li W, Dick AW. *Impact of Risk Adjustment for Socioeconomic Status on Risk-adjusted Surgical Readmission Rates*. Ann Surg. 2016 Apr;263(4):698-704. doi: 10.1097/SLA.0000000000001363. PubMed[citation] PMID: 26655922, PMCID: PMC5632929

Johnson, Gail

Ji C, Tang M, **Johnson GVW**. *Assessing the degradation of tau in primary neurons: The role of autophagy*. Methods Cell Biol. 2017;141:229-244. doi: 10.1016/bs.mcb.2017.06.011. Epub 2017 Jul 31. PubMed [citation] PMID: 28882304

Feola J, Barton A, Akbar A, Keillor J, **Johnson GVW**. *Transglutaminase 2 modulation of NF- κ B signaling in astrocytes is independent of its ability to mediate astrocytic viability in ischemic injury*. Brain Res. 2017 Aug 1;1668:1-11. doi: 10.1016/j.brainres.2017.05.009. Epub 2017 May 15. PubMed [citation] PMID: 28522262, PMCID: PMC5525061

Monteagudo A, Ji C, Akbar A, Keillor JW, **Johnson GV**. *Inhibition or ablation of transglutaminase 2 impairs astrocyte migration*. Biochem Biophys Res Commun. 2017 Jan 22;482(4):942-947. doi: 10.1016/j.bbrc.2016.11.137. Epub 2016 Nov 27. PubMed [citation] PMID: 27899316, PMCID: PMC5237609

Gundemir S, Monteagudo A, Akbar A, Keillor JW, **Johnson GVW**. *The complex role of transglutaminase 2 in glioblastoma proliferation*. Neuro Oncol. 2017 Feb 1;19(2):208-218. doi: 10.1093/neuonc/now157. PubMed [citation] PMID: 27591334, PMCID: PMC5464277

Lin CH, Chen J, Zhang Z, **Johnson GV**, Cooper AJ, Feola J, Bank A, Shein J, Ruotsalainen HJ, Pihlajaniemi TA, Goligorsky MS. *Endostatin and transglutaminase 2 are involved in fibrosis of the aging kidney*. Kidney Int. 2016 Jun;89(6):1281-92. doi: 10.1016/j.kint.2016.01.030. Epub 2016 Apr 14. PubMed [citation] PMID: 27165830, PMCID: PMC4868664

Kim S, Choi KJ, Cho SJ, Yun SM, Jeon JP, Koh YH, Song J, **Johnson GV**, Jo C. *Fisetin stimulates autophagic degradation of phosphorylated tau via the activation of TFE3 and Nrf2 transcription factors*. Sci Rep. 2016 Apr 26;6:24933. doi: 10.1038/srep24933. PubMed [citation] PMID: 27112200, PMCID: PMC4844953

Pallo SP, DiMaio J, Cook A, Nilsson B, **Johnson GVW**. *Mechanisms of tau and*

A β -induced excitotoxicity. Brain Res. 2016 Mar 1;1634:119-131. doi: 10.1016/j.brainres.2015.12.048. Epub 2015 Dec 28. PubMed [citation] PMID: 26731336, PMCID: PMC4779680

Kaminski, Anna

Hoefnagel A, Yu A, **Kaminski A.** *Anesthetic Complications in Pregnancy.* Crit Care Clin. 2016 Jan;32(1):1-28. doi: 10.1016/j.ccc.2015.08.009. Review. PubMed [citation] PMID: 26600441

Karan, Suzanne

Karan S, Ginosar Y. *Gestational sleep apnea: have we been caught napping?* Int J Obstet Anesth. 2016 May;26:1-3. doi: 10.1016/j.ijoa.2016.03.001. Epub 2016 Mar 12. No abstract available. PubMed [citation] PMID: 27067747

Kralovic, Sarah

Gewandter JS, McDermott MP, McKeown A, Hoang K, Iwan K, **Kralovic S,** Rothstein D, Gilron I, Katz NP, Raja SN, Senn S, Smith SM, Turk DC, Dworkin RH. *Reporting of cross-over clinical trials of analgesic treatments for chronic pain: Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks systematic review and recommendations.* Pain. 2016 Nov;157(11):2544-2551. PubMed [citation] PMID: 27437786

Lustik, Stewart

Glance LG, Osler T, Li Y, **Lustik SJ,** Eaton MP, Dutton RP, Dick AW. *Outcomes are Worse in US Patients Undergoing Surgery on Weekends Compared With Weekdays.* Med Care. 2016 Jun;54(6):608-15. doi: 10.1097/MLR.0000000000000532. PubMed [citation] PMID: 27111750

Glance LG, Hannan EL, Fleisher LA, Eaton MP, Dutton RP, **Lustik SJ,** Li Y, Dick AW. *Feasibility of Report Cards for Measuring Anesthesiologist Quality for Cardiac Surgery.* Anesth Analg. 2016 May;122(5):1603-13. doi: 10.1213/ANE.0000000000001252. PubMed [citation] PMID: 27101502

Nadler, Jacob

Evans JL, **Nadler JW,** Preud'homme XA, Fang E, Daughtry RL, Chapman JB, Attarian D, Wellman S, Krystal AD. *Pilot prospective study of post-surgery sleep and EEG predictors of post-operative delirium.* Clin Neurophysiol. 2017 Aug;128(8):1421-1425. doi: 10.1016/j.clinph.2017.05.004. Epub 2017 May 17. PubMed [citation] PMID: 28618293

Nadler JW, Evans JL, Fang E, Preud'Homme XA, Daughtry RL, Chapman JB, Bolognesi MP, Attarian DE, Wellman SS, Krystal AD. *A randomised trial of peri-operative positive airway pressure for postoperative delirium in patients at risk for obstructive sleep apnoea after regional anaesthesia with sedation or general anaesthesia for joint arthroplasty.* Anaesthesia. 2017 Jun;72(6):729-736. doi:

10.1111/anae.13833. Epub 2017 Mar 2. PubMed [citation] PMID: 28251606

Berger M, **Nadler JW**, Friedman A, McDonagh DL, Bennett ER, Cooter M, Qi W, Laskowitz DT, Ponnusamy V, Newman MF, Shaw LM, Warner DS, Mathew JP, James ML; MAD-PIA trial team.. *The Effect of Propofol Versus Isoflurane Anesthesia on Human Cerebrospinal Fluid Markers of Alzheimer's Disease: Results of a Randomized Trial*. J Alzheimers Dis. 2016 Apr 15;52(4):1299-310. doi: 10.3233/JAD-151190. PubMed [citation] PMID: 27079717

Nadtochiy, Sergiy

Nadtochiy SM, Schafer X, Fu D, Nehrke K, Munger J, Brookes PS. *Acidic pH Is a Metabolic Switch for 2-Hydroxyglutarate Generation and Signaling*. J Biol Chem. 2016 Sep 16;291(38):20188-97. doi: 10.1074/jbc.M116.738799. Epub 2016 Aug 10. PubMed [citation] PMID: 27510037, PMCID: PMC5025701

Shum LC, White NS, **Nadtochiy SM**, Bentley KL, Brookes PS, Jonason JH, Eliseev RA. *Cyclophilin D Knock-Out Mice Show Enhanced Resistance to Osteoporosis and to Metabolic Changes Observed in Aging Bone*. PLoS One. 2016 May 16;11(5):e0155709. doi: 10.1371/journal.pone.0155709. eCollection 2016. PubMed [citation] PMID:27183225, PMCID: PMC4868300

Zhang J, **Nadtochiy SM**, Urciuoli WR, Brookes PS. *The cardioprotective compound cloxyquin uncouples mitochondria and induces autophagy*. Am J Physiol Heart Circ Physiol. 2016 Jan 1;310(1):H29-38. doi: 10.1152/ajpheart.00926.2014. Epub 2015 Oct 30. PubMed [citation] PMID: 26519034, PMCID: PMC4796459

Papadakos, Peter

Soto RG, Neves SE, **Papadakos PJ**, Shapiro FE. *Personal electronic device use in the operating room: A survey of usage patterns, risks and benefits*. Eur J Anaesthesiol. 2017 Apr;34(4):246-247. doi: 10.1097/EJA.0000000000000555. No abstract available. PubMed [citation] PMID: 28248710

Schwaiberg D, Karcz M, Menk M, **Papadakos PJ**, Dantoni SE. *Respiratory Failure and Mechanical Ventilation in the Pregnant Patient*. Crit Care Clin. 2016 Jan;32(1):85-95. doi: 10.1016/j.ccc.2015.08.001. Epub 2015 Oct 23. Review. PubMed [citation] PMID: 26600446

Dantoni SE, **Papadakos PJ**. *Preface. Obstetrics and Gynecology Emergencies*. Crit Care Clin. 2016 Jan;32(1):xi-xii. doi: 10.1016/j.ccc.2015.10.001. No abstract available. PubMed [citation] PMID: 26600451

Philip, Annie

Iwan K, Kruppenbacher MC, **Philip AG**. *Poster 390 Effect of Atlanto-Axial Joint Injection in Treatment of Cervical Facet Arthropathy: A Case Report*. PM R. 2016 Sep;8(9S):S288. doi: 10.1016/j.pmrj.2016.07.317. Epub 2016 Sep 24. No abstract available. PubMed [citation] PMID: 27673143

Shapiro, Janine

Guillet R, Holloway RG, Gross RA, Libby K, **Shapiro JR**. *Junior faculty core curriculum to enhance faculty development*. J Clin Transl Sci. 2017 Apr;1(2):77-82. doi: 10.1017/cts.2016.29. Epub 2017 Feb 27. PubMed [citation] PMID: 28649448, PMCID: PMC5471817

Smith, Daryl

Saran JS, Hoefnagel AL, Skinner KA, Feng C, **Smith DI**. *Comparison of single-injection ultrasound-guided approach versus multilevel landmark-based approach for thoracic paravertebral blockade for breast tumor resection: a retrospective analysis at a tertiary care teaching institution*. J Pain Res. 2017 Jun 28;10:1487-1492. doi: 10.2147/JPR.S135973. eCollection 2017. PubMed [citation] PMID: 28721091, PMCID: PMC5499949

Smith DI, Chiem JL, Burk S, Borovcanin ZC, Tran NH. *Hemodynamic instability and Horner's syndrome following a labour lumbar neuraxial block: A warning sign of a potentially lethal event?* J R Soc Med. 2017 Jun;110(6):245-248. doi: 10.1177/0141076816681745. Epub 2017 Jan 24. PubMed [citation] PMID: 28116954

Smith DI, Anderson R. *Epidural Catheter Migration in a Patient with Severe Spinal Stenosis*. Case Rep Anesthesiol. 2016;2016:6124086. doi: 10.1155/2016/6124086. Epub 2016 Dec 20. PubMed [citation] PMID: 28097025, PMCID: PMC5206424

Smith, Shannon

Smith SM, Jones JK, Katz NP, Roland CL, Setnik B, Trudeau JJ, Wright S, Burke LB, Comer SD, Dart RC, Dionne R, Haddox JD, Jaffe JH, Kopecky EA, Martell BA, Montoya ID, Stanton M, Wasan AD, Turk DC, Dworkin RH. *Measures That Identify Prescription Medication Misuse, Abuse, and Related Events in Clinical Trials: ACTION Critique and Recommended Considerations*. J Pain. 2017 May 4. pii: S1526-5900(17)30569-2. doi: 10.1016/j.jpain.2017.03.015. [Epub ahead of print] PubMed [citation] PMID:28479207

Rothstein D, Kitt RA, **Smith SM**, Abdi S, Engle MP, McDermott MP, Raja SN, Turk DC, Dworkin RH, Gewandter JS. *Reporting of Design Features and Analysis Details in Randomized Clinical Trials of Procedural Treatments for Cancer Pain: An ACTION Systematic Review*. Reg Anesth Pain Med. 2017 May/June;42(3):392-399. doi: 10.1097/AAP.0000000000000553. PubMed [citation] PMID: 28085789

Gewandter JS, McDermott MP, McKeown A, Hoang K, Iwan K, Kralovic S, Rothstein D, Gilron I, Katz NP, Raja SN, Senn S, **Smith SM**, Turk DC, Dworkin RH. *Reporting of cross-over clinical trials of analgesic treatments for chronic pain: Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks systematic review and recommendations*. Pain. 2016 Nov;157(11):2544-2551. PubMed [citation] PMID: 27437786

Smith SM, Gewandter JS, Kitt RA, Markman JD, Vaughan JA, Cowan P, Kopecky EA, Malamut R, Sadosky A, Tive L, Turk DC, Dworkin RH. *Participant Preferences for Pharmacologic Chronic Pain Treatment Trial Characteristics: An ACTION Adaptive Choice-Based Conjoint Study*. J Pain. 2016 Nov;17(11):1198-1206. doi: 10.1016/j.jpain.2016.07.008. Epub 2016 Aug 20. PubMed [citation] PMID: 27555429

Williams MR, McKeown A, Pressman Z, Hunsinger M, Lee K, Coplan P, Gilron I, Katz NP, McDermott MP, Raja SN, Rappaport BA, Rowbotham MC, Turk DC, Dworkin RH, **Smith SM**. *Adverse Event Reporting in Clinical Trials of Intravenous and Invasive Pain Treatments: An ACTION Systematic Review*. J Pain. 2016 Nov;17(11):1137-1149. doi:10.1016/j.jpain.2016.07.006. Epub 2016 Aug 12. Review. PubMed [citation] PMID:27522950

Gewandter JS, Burke L, Cavaletti G, Dworkin RH, Gibbons C, Gover TD, Herrmann DN, McArthur JC, McDermott MP, Rappaport BA, Reeve BB, Russell JW, Smith AG, **Smith SM**, Turk DC, Vinik AI, Freeman R. *Content validity of symptom-based measures for diabetic, chemotherapy, and HIV peripheral neuropathy*. Muscle Nerve. 2017 Mar;55(3):366-372. doi: 10.1002/mus.25264. Epub 2016 Dec 23. Review. PubMed[citation] PMID: 27447116, PMCID: PMC5528159

Smith SM, Amtmann D, Askew RL, Gewandter JS, Hunsinger M, Jensen MP, McDermott MP, Patel KV, Williams M, Bacci ED, Burke LB, Chambers CT, Cooper SA, Cowan P, Desjardins P, Etropolski M, Farrar JT, Gilron I, Huang IZ, Katz M, Kerns RD, Kopecky EA, et al. *Pain intensity rating training: results from an exploratory study of the ACTION PROTECCT system*. Pain. 2016 May;157(5):1056-64. doi: 10.1097/j.pain.0000000000000502. PubMed [citation] PMID: 27058680

Sweeney, Dawn

DeMichele JC, Vajaria N, Wang H, **Sweeney DM**, Powers KS, Cholette JM. *Cuffed endotracheal tubes in neonates and infants undergoing cardiac surgery are not associated with airway complications*. J Clin Anesth. 2016 Sep;33:422-7. doi: 10.1016/j.jclinane.2016.04.038. Epub 2016 Jun 4. PubMed [citation] PMID: 27555204

Seltzer L, Swartz MF, Kwon J, Burchfiel J, Cholette JM, Wang H, **Sweeney D**, Adams HR, Meagher C, Angona R, Guillet R, Alfieris GM. *Neurodevelopmental outcomes after neonatal cardiac surgery: Role of cortical isoelectric activity*. J Thorac Cardiovasc Surg. 2016 Apr;151(4):1137-42. doi: 10.1016/j.jtcvs.2015.10.065. Epub 2015 Oct 27. PubMed [citation] PMID: 26707762

Vaughan, Janet

Smith SM, Gewandter JS, Kitt RA, Markman JD, **Vaughan JA**, Cowan P, Kopecky EA, Malamut R, Sadosky A, Tive L, Turk DC, Dworkin RH. *Participant Preferences for Pharmacologic Chronic Pain Treatment Trial Characteristics: An ACTION Adaptive*

Choice-Based Conjoint Study. J Pain. 2016 Nov;17(11):1198-1206. doi: 10.1016/j.jpain.2016.07.008. Epub 2016 Aug 20. PubMed [citation] PMID: 27555429

Williams, Mark

Williams MR, Ward DS, Carlson D, Cravero J, Dexter F, Lightdale JR, Mason KP, Miner J, Vargo JJ, Berkenbosch JW, Clark RM, Constant I, Dionne R, Dworkin RH, Gozal D, Grayzel D, Irwin MG, Lerman J, O'Connor RE, Pandharipande P, Rappaport BA, Riker RR, et al. *Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 1 Efficacy: Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research Recommendations*. Anesth Analg. 2017 Mar;124(3):821-830. doi: 10.1213/ANE.0000000000001566. PubMed [citation] PMID: 27622720

Williams MR, McKeown A, Pressman Z, Hunsinger M, Lee K, Coplan P, Gilron I, Katz NP, McDermott MP, Raja SN, Rappaport BA, Rowbotham MC, Turk DC, Dworkin RH, Smith SM. *Adverse Event Reporting in Clinical Trials of Intravenous and Invasive Pain Treatments: An ACTION Systematic Review*. J Pain. 2016 Nov;17(11):1137-1149. doi:10.1016/j.jpain.2016.07.006. Epub 2016 Aug 12. Review. PubMed [citation] PMID:27522950

Wojtczak, Jacek

Corso RM, Lee S, **Wojtczak J**, Cattano D. *Extraglottic airway devices and ultrasound airway evaluation: are we on the right track?* Minerva Anestesiol. 2017 Oct;83(10):1110-1111. doi: 10.23736/S0375-9393.17.12025-0. Epub 2017 May 11. No abstract available. PubMed [citation] PMID: 28492299

Andruszkiewicz P, **Wojtczak J**, Sobczyk D, Stach O, Kowalik I. *Effectiveness and Validity of Sonographic Upper Airway Evaluation to Predict Difficult Laryngoscopy*. J Ultrasound Med. 2016 Oct;35(10):2243-52. doi: 10.7863/ultra.15.11098. Epub 2016 Aug 31. PubMed [citation] PMID: 27582532

Wojtovich, Andrew

Wojtovich AP, Smith CO, Urciuoli WR, Wang YT, Xia XM, Brookes PS, Nehrke K. Cardiac Slo2.1 *Is Required for Volatile Anesthetic Stimulation of K⁺ Transport and Anesthetic Preconditioning*. Anesthesiology. 2016 May;124(5):1065-76. doi: 10.1097/ALN.0000000000001046. PubMed [citation] PMID: 26845140, PMCID: PMC4837053