

Department Publications FY 20

Eklund, J. E., Shah, S. H., Rubin, D. S., Mehta, A. I., Minev, E. M., **Lee, H. H., & Roth, S.** (2020). [Incidence of and factors associated with acute kidney injury after scoliosis surgery in pediatric patients. Spine Deformity.](#) Spine Deformity, (), 1-9 DOI 10.1007/s43390-020-00126-0

Matava, Clyde T. MBCHB, MMed, MHSC; Kovatsis, Pete G. MD; Summers, Jennifer Lee MD, FRCPC; Castro, Pilar MD; . . **Thompson, Nicole MD;** . . . (2020). [Pediatric Airway Management in COVID-19 patients – Consensus Guidelines from the Society for Pediatric Anesthesia’s Pediatric Difficult Intubation Collaborative and the Canadian Pediatric Anesthesia Society.](#) Anesthesia & Analgesia: [April 13, 2020 - Volume Publish Ahead of Print - Issue -](#) doi: 10.1213/ANE.0000000000004872

Shah, Shikhar H. MD, MPH; Chen, Yi-Fan PhD; Moss, Heather E. MD, PhD; Rubin, Daniel S. MD, MS; Joslin, Charlotte E. OD, PhD; **Roth, Steven MD, FARVO** (2020). [Predicting Risk of Perioperative Ischemic Optic Neuropathy in Spine Fusion Surgery: A Cohort Study Using the National Inpatient Sample.](#) Anesthesia & Analgesia: April 2020 - Volume 130 - Issue 4 - p 967-974
doi: 10.1213/ANE.0000000000004383

Gary R. Haynes, M.D., M.S., Ph.D., FASA; Patricia F. Mack, M.D.; Lilibeth Fermin, M.D., M.B.A.; **Heather C. Nixon, M.D.** (2020). [Anesthesiology and Pharmacy: A Road Toward Safety.](#) ASA Monitor 2 2020, Vol.84, 16-19.

Weinberg, G., Rupnik, B., Aggarwal, N., **Fettiplace, M., Gitman, M.** (2020). [Local Anesthetic Systemic Toxicity \(LAST\) Revisited: A Paradigm in Evolution.](#) APSF, 35(1)

Waldinger, R., Weinberg, G., & Gitman, M. (2020). [Local Anesthetic Toxicity in the Geriatric Population.](#) [Drugs Aging,](#) 37(1), 1-9. doi:10.1007/s40266-019-00718-0

Lee, H. H., Lehew, C. W., Avenetti, D., Buscemi, J., & Koerber, A. (2019). [Understanding Oral Health Behaviors Among Children Treated for Caries Under General Anesthesia.](#) J Dent Child (Chic), 86(2), 101-108.

Martin, M. A., **Lee, H. H.,** Landa, J., Minier, M., Avenetti, D., & Sandoval, A. (2018). [Formative research implications on design of a randomized controlled trial for oral health promotion in children.](#) Pilot Feasibility Stud, 4, 155. doi:10.1186/s40814-018-0344-y

Martin, M. A., Zimmerman, L. J., Rosales, G. F., **Lee, H. H.,** Songthangtham, N., Pugach, O., . . . Gansky, S. A. (2019). [Design and sample characteristics of COordinated Oral health Promotion \(CO-OP\) Chicago: A cluster-randomized controlled trial.](#) Contemp Clin Trials, 105919. doi:10.1016/j.cct.2019.105919

Feinstein, D. L., Nosal, D. G., Ramanathan, S., Zhou, J., Chen, L., Hershow, R. C., . . . Rubinstein, I. (2019). [Effects of vitamin K1 treatment on plasma concentrations of long-acting anticoagulant rodenticide enantiomers following inhalation of contaminated synthetic cannabinoids.](#) Clin Toxicol (Phila), 1-9. doi:10.1080/15563650.2019.1687903

Gerber, T. J., Fehr, V. C. O., Oliveira, S. D. S., Hu, G., Dull, R., Bonini, M. G., . . . **Minshall, R. D.** (2019). [Sevoflurane Promotes Bactericidal Properties of Macrophages through Enhanced Inducible Nitric Oxide](#)

[Synthase Expression in Male Mice](#). *Anesthesiology*, 131(6), 1301-1315.
doi:10.1097/aln.0000000000002992

Kalinin, S., Meares, G. P., Lin, S. X., Pietruczyk, E. A., Saher, G., Spieth, L., . . . **Feinstein, D. L.** (2020). [Liver kinase B1 depletion from astrocytes worsens disease in a mouse model of multiple sclerosis](#). *Glia*, 68(3), 600-616. doi:10.1002/glia.23742

Chandrakantan, A., Adler, A. C., Stayer, S., & **Roth, S.** (2019). [National Institutes of Health-Funded Anesthesiology Research and Anesthesiology Physician-Scientists: Trends, Promises, and Concerns](#). *Anesth Analg*, 129(6), 1761-1766. doi:10.1213/ane.0000000000004341

Moutal, A., Kalinin, S., Kowal, K., Marangoni, N., Dupree, J., Lin, S. X., . . . **Feinstein, D. L.** (2019). [Neuronal Conditional Knockout of Collapsin Response Mediator Protein 2 Ameliorates Disease Severity in a Mouse Model of Multiple Sclerosis](#). *ASN Neuro*, 11, 1759091419892090.
doi:10.1177/1759091419892090

Savio, L. E. B., de Andrade Mello, P., Santos, S., de Sousa, J. C., Oliveira, S. D. S., **Minshall, R. D.**, . . . Coutinho-Silva, R. (2020). [P2X7 receptor activation increases caveolin-1 expression and macrophage lipid raft formation boosting CD39 activity](#). *J Cell Sci*. doi:10.1242/jcs.237560

Yaqoob, M., **Feinstein, D. L.**, & Rubinstein, I. (2019). [Pregnancy in Women With Life-Threatening Poisoning With Long-Acting Anticoagulant Rodenticides](#). *Mayo Clin Proc*, 94(8), 1646-1647.
doi:10.1016/j.mayocp.2019.05.007

Huang, X., Zhang, X., Zhao, D. X., Yin, J., **Hu, G.**, Evans, C. E., & Zhao, Y. Y. (2019). [Endothelial Hypoxia-Inducible Factor-1alpha Is Required for Vascular Repair and Resolution of Inflammatory Lung Injury through Forkhead Box Protein M1](#). *Am J Pathol*, 189(8), 1664-1679. doi:10.1016/j.ajpath.2019.04.014

Bonds, J. A., Shetti, A., Bheri, A., Chen, Z., Disoukey, A., Tai, L., **Minshall, R. D.** . . . Lazarov, O. (2019). [Depletion of Caveolin-1 in Type-2 Diabetes Model Induces Alzheimer's disease Pathology Precursors](#). *J Neurosci*. doi:10.1523/jneurosci.0730-19.2019

Savchenko, V., Kalinin, S., Boullerne, A. I., Kowal, K., Lin, S. X., & Feinstein, D. L. (2019). [Effects of the CRMP2 activator lanthionine ketimine ethyl ester on oligodendrocyte progenitor cells](#). *J Neuroimmunol*, 334, 576977. doi:10.1016/j.jneuroim.2019.576977

Gitman, M., Fettiplace, M. R., Weinberg, G., Neal, J. M., & Barrington, M. J. (2019). [Local Anesthetic Systemic Toxicity: A Narrative Literature Review and Clinical Update on Prevention, Diagnosis and Management](#). *Plast Reconstr Surg*. doi:10.1097/prs.0000000000005989

Waldinger, R., Weinberg, G., & Gitman, M. (2019). [Local Anesthetic Toxicity in the Geriatric Population. Drugs Aging](#). doi:10.1007/s40266-019-00718-0

Shah, S. H., Chen, Y. F., Moss, H. E., Rubin, D. S., Joslin, C. E., & **Roth, S.** (2019). [Predicting Risk of Perioperative Ischemic Optic Neuropathy in Spine Fusion Surgery: A Cohort Study Using the National Inpatient Sample](#). *Anesth Analg*. doi:10.1213/ane.0000000000004383

Gerber, T. J., Fehr, V. C. O., **Oliveira, S. D. S., Hu, G., Dull, R.,** Bonini, M. G., . . . **Minshall, R. D.** (2019). [Sevoflurane Promotes Bactericidal Properties of Macrophages through Enhanced Inducible Nitric Oxide Synthase Expression in Male Mice.](#) *Anesthesiology*. doi:10.1097/aln.0000000000002992

Hu, G., & Christman, J. W. (2019). [Editorial: Alveolar Macrophages in Lung Inflammation and Resolution.](#) *Front Immunol*, 10, 2275. doi:10.3389/fimmu.2019.02275

Lisi, L., Ciotti, G. M. P., Chiavari, M., Pizzoferrato, M., Mangiola, A., **Kalinin, S., Feinstein, D. L.** . . . Navarra, P. (2019). [Phospho-mTOR expression in human glioblastoma microglia-macrophage cells.](#) *Neurochem Int*, 129, 104485. doi:10.1016/j.neuint.2019.104485

Kalinin, S., Meares, G. P., Lin, S. X., Pietruczyk, E. A., Saher, G., Spieth, L., . . . **Feinstein, D. L.** (2019). [Liver kinase B1 depletion from astrocytes worsens disease in a mouse model of multiple sclerosis.](#) *Glia*. doi:10.1002/glia.23742