



Recent Publications - Division of Critical Care Medicine

Jollie ST Fung, Bella Hwang, Dustin Dunsmuir, Elvis Suiyven, **Odiraa Nwankwor**, Abner Tagoola, Jessica Trawin, J Mark Ansermino, Niranjana Kisson. A 2-Phase Survey to Assess a Facility's Readiness for Pediatric Essential Emergency and Critical Care in Resource-Limited Settings: A Literature Review and Survey Development. *Pediatr Emerg Care*. 2022 Oct 1;38(10):532-539. Doi: 10.1097/PEC.0000000000002826. Epub 2022 Aug. 18. PMID: 35981329

Cashen K, Sutton RM, Reeder RW, Ahmed T, Bell MJ, Berg RA, Burns C, Carcillo JA, Carpenter TC, Michael Dean J, Wesley Diddle J, Federman M, Fink EL, Franzon D, Frazier AH, Friess SH, Graham K, Hall M, Hehir DA, Horvat CM, Huard LL, Kirkpatrick NT, Maa T, Manga A, McQuillen PS, Morgan RW, Mourani PM, Morgan RW, Wolfe HA, Reeder RW, Alvey JS, Frazier AH, Friess SH, Maa T, McQuillen PS, Meert KL, Nadkarni VM, Sharron MP, Siems A, Yates AR, Ahmed T, Bell MJ, Bishop R, Bochkoris M, Burns C, Carcillo JA, Carpenter TC, Dean JM, Diddle JW, Federman M, Fernandez R, Fink EL, Franzon D, Hall M, Hehir D, Horvat CM, Huard LL, Manga A, Mourani PM, Naim MY, Notterman D, Pollack MM, Sapru A, Schneiter C, Srivastava N, Tabbutt S, Tilford B, **Viteri S**, Wessel D, Zuppa AF, Berg RA, Sutton RM. The Temporal Association of the COVID-19 Pandemic and Pediatric Cardiopulmonary Resuscitation Quality and Outcomes. *Pediatr Crit Care Med*. 2022 Nov 1;23(11):908-918. doi: 10.1097/PCC.0000000000003073. Epub 2022 Sep 2. PMID: 36053072. Clinical Trial.

Carlton EF, Gebremariam A, Maddux AB, McNamara N, Barbaro RP, Cornell TT, Iwashyna TJ, Prosser LA, Zimmerman J, **Weiss SL**, Prescott HC. New and Progressive Medical Conditions After Pediatric Sepsis Hospitalization Requiring Critical Care. *JAMA Pediatr*. 2022 Nov 1;176(11):e223554. doi: 10.1001/jamapediatrics.2022.3554. Epub 2022 Nov 7. PMID: 36215045

Lee S, Zhang Y, Newhams M, Novak T, Thomas PG, Mourani PM, Hall MW, Loftis LL, Cvijanovich NZ, Tarquinio KM, Schwarz AJ, **Weiss SL**, Thomas NJ, Markovitz B, Cullimore ML, Sanders RC, Zinter MS, Sullivan JE, Halasa NB, Bembea MM, Giuliano JS, Typpo KV, Nofziger RA, Shein SL, Kong M, Coates BM, Weiss ST, Lange C, Su HC, Randolph AG, Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Pediatric Intensive Care Influenza (PICFlu) Investigators and the Trans-Omics for Precision Medicine (TOPMed) Investigators. DDX58 is associated with susceptibility to severe influenza virus infection in children and adolescents. *J Infect Dis*. 2022 Nov 28;226(11):2030-2036. doi: 10.1093/infdis/jiac350. PMID: 35986912

Alcamo AM, Barren GJ, Becker AE, Hayes K, Fitzgerald JC, Balamuth F, Pennington JW, Curley MAQ, Tasker RC, Topjian AA, **Weiss SL**. Validation of a Computational Phenotype to Identify Acute Brain Dysfunction in Pediatric Sepsis. *Pediatr Crit Care Med*. 2022 Dec 1;23(12):1027-1036. doi: 10.1097/PCC.0000000000003086. Epub 2022 Oct 10. PMID: 36214585

Olson SM, Newhams MM, Halasa NB, Feldstein LR, Novak T, **Weiss SL**, Coates BM, Schuster JE, Schwarz AJ, Maddux AB, Hall MW, Nofziger RA, Flori HR, Gertz SJ, Kong M, Sanders RC, Irby K, Hume JR, Cullimore ML, Shein SL, Thomas NJ, Stewart LS, Barnes JR, Patel MM, Randolph AG for the Pediatric Intensive Care Influenza Investigators. Vaccine effectiveness against life-threatening influenza illness in US children. *Clin Infect Dis*. 2022;75(2):230-238

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Britto C, Mohorianu I, Yeung T, Cheung E, Novak T, Hall MW, Mourani PM, **Weiss SL**, Thomas NJ, Markovitz B, Randolph AG, Moffitt K. Host respiratory transcriptome signature associated with poor outcome in children with influenza-staphylococcus aureus pneumonia. *J Infect Dis* 2022;226(7):1286-1294.

Atreya M, Cvijanovich N, Fitzgerald JC, **Weiss SL**, Bigham M, Jain P, Schwarz A, Lutfi R, Nowak J, Allen G, Thomas N, Grunwell J, Baines T, Quasney M, Haileselassie B, Lindsell C, Alder M. Integrated PERSEVERE and endothelial biomarker risk model predicts death and persistent MODS in pediatric septic shock: a secondary analysis of a prospective observational study. *Critical Care* 2022;26(1):210.