

Publications

1. Hogan, J., Sun, H., Aboul-Nour, H., Jing, J., Tabaeizadeh, M., Shoukat, M., Javed, F., Kassa, S., Edhi, M., Bordbar, E., Gallagher, J., Moura Junior, V., Ghanta, M., Shao, Y.-P., Akeju, O., Cole, A., Rosenthal, E., Zafar, S., & Westover, M. B. (2020). Burst suppression: Causes and effects on mortality in critical illness. *Neurocritical Care*, 33. <https://doi.org/10.1007/s12028-020-00932-4>
2. Zafar, S., Rosenthal, E., Jing, J., Bordbar, E., Kassa, S., Tabaeizadeh, M., Nour, H. A., Sun, H., Javed, F., Edhi, M., Gallagher, J., Ghanta, M., Shao, Y.-P., Shoukat, M., Ge, W., Cole, A., & Westover, M. (2020). 36: BURDEN OF EEG ICTAL-INTERICTAL CONTINUUM ACTIVITY PREDICTS POOR OUTCOME IN CRITICALLY ILL PATIENTS. *Critical Care Medicine*, 48(1).
3. Tabaeizadeh, M., Nour, H. A., Shoukat, M., Sun, H., Jin, J., Javed, F., Kassa, S., Edhi, M. M., Bordbar, E., Gallagher, J., Moura, V., Ghanta, M., Shao, Y.-P., Cole, A. J., Rosenthal, E. S., Westover, M. B., & Zafar, S. F. (2020). Burden of epileptiform activity predicts discharge neurologic outcomes in severe acute ischemic stroke. *Neurocritical Care*, 32, 697–706.
4. Sun, H., Jain, A., Leone, M. J., Alabsi, H. S., Brenner, L. N., Ye, E., Ge, W., Shao, Y.-P., Boutros, C. L., Wang, R., Tesh, R. A., Magdamo, C., Collens, S. I., Ganglberger, W., Bassett, I. V., Meigs, J. B., Kalpathy-Cramer, J., Li, M. D., Chu, J. T., ... Westover, M. B. (2020). CoVA: An Acuity Score for Outpatient Screening that Predicts Coronavirus Disease 2019 Prognosis. *The Journal of Infectious Diseases*, 223(1), 38–46. <https://doi.org/10.1093/infdis/jiaa663>
5. Shenoy, E. S., Rosenthal, E. S., Biswal, S., Ghanta, M., Ryan, E. E., Shao, Y.-P., Suslak, D., Swanson, N., Valdery, M. J., Hooper, D. C., & Westover, M. B. (2017). Real-Time Automated Surveillance for Ventilator Associated Events Using Streaming Electronic Health Data. *Open Forum Infectious Diseases*, 4(suppl_1), S633–S633. <https://doi.org/10.1093/ofid/ofx163.1681>
6. Shashikumar, S. P., Wardi, G., Paul, P., Carlile, M., Brenner, L. N., Hibbert, K. A., North, C. M., Mukerji, S. S., Robbins, G. K., Shao, Y.-P., Westover, M. B., Nemati, S., & Malhotra, A. (2021). Development and prospective validation of a deep learning algorithm for predicting need for mechanical ventilation. *Chest*, 159(6), 2264–2273. <https://doi.org/https://doi.org/10.1016/j.chest.2020.12.009>
7. Mukerji, S. S., Das, S., Alabsi, H., Brenner, L. N., Jain, A., Magdamo, C., Collens, S. I., Ye, E., Keller, K., Boutros, C. L., Leone, M. J., Newhouse, A., Foy, B., Li, M. D., Lang, M., Anahtar, M. N., Shao, Y.-P., Ge, W., Sun, H., ... Westover, M. B. (2021). Prolonged intubation in patients with prior cerebrovascular disease and COVID-19. *Frontiers in Neurology*, 12. <https://doi.org/10.3389/fneur.2021.642912>
8. Ganglberger, W., Velpula Krishnamurthy, P., Quadri, S., Tesh, R., Bucklin, A., Adra, N., Cardoso, M., Leone, M., Hemmige, A., Rajan, S., Panneerselvam, E., Paixao, L., Higgins, J., Ayub, M., Shao, Y.-P., Coughlin, B., Sun, H., Ye, E., Cash, S., & Westover, M. B. (2021). *Sleep in the intensive care unit through the lens of breathing and heart rate variability: A cross-sectional study.* <https://doi.org/10.1101/2021.09.23.21264039>
9. Bucklin, A. A., Ganglberger, W., Quadri, S. A., Tesh, R. A., Adra, N., Da Silva Cardoso, M., Leone, M. J., Krishnamurthy, P. V., Hemmige, A., Rajan, S., Panneerselvam, E., Paixao, L., Higgins, J., Ayub, M. A., Shao, Y.-P., Ye, E. M., Coughlin, B., Sun, H., Cash, S. S., ... Westover, M. B. (2022). High prevalence of sleep-disordered breathing in the intensive care unit - a cross-sectional study. *Sleep & Breathing = Schlaf & Atmung.* <https://doi.org/10.1007/s11325-022-02698-9>