

Sleep

Avelino Verceles (avercele@som.umaryland.edu): Dr. Verceles' research focuses on improving clinical, functional and cognitive outcomes for survivors of critical illness using exercise and nutrition interventions and studying the effects of dyssynchronous sleep and circadian rhythm effects on cognitive outcomes in the ICU and optimizing sleep hygiene in the ICU.

Highlighted Publications:

- a) Verceles AC, Silhan L, Terrin M, Netzer G, Shanholtz C, Scharf S.M. Circadian rhythm disruption in severe sepsis: the effect of ambient light on urinary 6-sulfatoxymelatonin secretion. *Intensive Care Med.* 2012 May;38(5):804-10. PMID:22286671
- b) Verceles AC, Corwin DS, Afshar M, Friedman EB, McCurdy MT, Shanholtz C, Oakjones K, Zubrow MT, Titus J, Netzer G. Half of the family members of critically ill patients experience excessive daytime sleepiness. *Intensive Care Med.* 2014 Aug;40(8):1124-3. PMID 24898893
- c) Verceles AC, Wells C, Steinbrenner G, Wells C, Sorkin J, Beans J, Terrin M, Goldberg AP. Severe Immobility And Malnutrition In Post ICU Patients Requiring Prolonged Mechanical Ventilation: An Unmet Rehabilitation Need. *Am J Respir Crit Care Med.* 2012;185:A6852.
- d) Maheshwari P, Srinivasan V, Verceles AC. The Association Between Mobility and Discharge In survivors of Critical Illness. *Crit Care Med* Dec 2015;43:13 p180

Links:

Med School faculty page: <http://www.medschool.umaryland.edu/profiles/Verceles-Avelino/>

PubMed publications: <https://www.ncbi.nlm.nih.gov/sites/myncbi/1Xk-b9-ghrsQ9/bibliography/48711780/public/?sort=date&direction=ascending>

Emerson Wickwire (ewickwire@som.umaryland.edu): Dr. Wickwire is Section Head of Sleep Medicine in our division. A sleep disorders specialist and clinical psychologist by training, Dr. Wickwire's research focuses on both patient-centered (i.e., sleep and clinical sleep disorders in humans) as well as health services sleep research (i.e., population sleep health and sleep in health systems). His current projects include the beneficial effect of CPAP therapy for obstructive sleep apnea; telehealth approaches to sleep medicine in the US military; the impact of insomnia on cognition and daytime function among older adults; health economic outcomes of sleep disorders and their treatments; and sleep and circadian disturbances in the ICU.

Highlighted Publications:

1. Wickwire EM, Bailey MD, Somers VK, Srivasta MC, Oldstone LM, Johnson AM, Scharf SM, Albrecht JS. CPAP adherence reduces risk for stroke among older adult Medicare beneficiaries with obstructive sleep apnea: A national analysis. *J Clin Sleep Med.* 2021 Jun 1;17(6):1249-55.
2. Wickwire EM, Bailey MD, Somers VK, Srivastava MC, Scharf SM, Johnson AM, Albrecht JS. CPAP adherence reduces cardiovascular risk among older adults with obstructive sleep apnea. *Sleep and Breathing.* 2020 Nov 3:1-8.
3. Wickwire EM, Bailey MD, Somers VK, Oldstone LM, Srivastava MC, Johnson AM, Scharf SM, Albrecht JS. CPAP adherence is associated with reduced inpatient utilization among older adult Medicare beneficiaries with pre-existing cardiovascular disease. *J Clin Sleep Med.* 2021 Jun 17:jcsm-9478.

4. Abdelwadoud M, Collen J, Edwards H, Mullins CD, Jobe S, Labra C, Capaldi V, Assefa S, Williams S, Drake C, Albrecht J, Manber R, Mahoney A, Bevan J, Grandner M, & Wickwire EM. Engaging stakeholders to optimize sleep disorders management in the United States military: A qualitative analysis. Manuscript accepted for publication. *Military Medicine*.
5. Wickwire EM, Jobe SL, Oldstone L, Scharf SM, Johnson AM, Albrecht JS. Lower socioeconomic status and comorbid conditions are associated with reduced CPAP use among Medicare beneficiaries with obstructive sleep apnea [published online ahead of print, 2020 Jun 23]. *SLEEP*. 2020;zsaa122. doi:10.1093/sleep/zsaa122
6. Wickwire EM, Vadlamani A, Tom SE, Johnson AM, Scharf SM, Albrecht JS. Economic aspects of insomnia medication treatment among Medicare beneficiaries. *SLEEP*. 2020;43(1):zsz192.

Links:

Med School faculty page: <http://www.medschool.umaryland.edu/profiles/Wickwire-Emerson/>

PubMed publications: <https://www.ncbi.nlm.nih.gov/pubmed/?term=emerson+wickwire>