

Educational/Curriculum research

Nirav Shah (ngshah@som.umaryland.edu):



Dr. Shah's research interests are in clinical studies of therapeutic hypothermia on lung injury and systemic inflammation and developing and evaluating medical education, including curriculum design and incorporation of new teaching methods such as flipped classroom, small group learning, and simulation into fellowship training.

Highlighted Publications:

1. Shah NG, Tulapurkar ME, Damarla M, Singh I, Goldblum S, Shapiro P, Hasday JD. "Febrile-range Hyperthermia Augments Reversible TNFa-induced Hyperpermeability in Human Lung Microvascular Endothelial Cells" *Int J Hyperthermia* 2012; 28(7):627-35.
2. Shah NG, Cowan M, Pickering E, Sareh H, Afshar M, Fox D, Marron J, Davis J, Herold K, Shanholtz C, Hasday JD. "Nonpharmacologic Approach to Minimizing Shivering During Surface Cooling: A Proof of Principle Study." *Journal of Critical Care* 2012; 27(6):746e1-8.
3. Shah NG, Seam N, Woods C, Fessler H, Goyal M, McAreavey D, Lee B. "A Longitudinal Regional Educational Model for Pulmonary and Critical Care Fellows Emphasizing Small Group and Simulation-Based Learning." *Annals ATS* 2016; 13(4):469-74.
4. Shah R, Holden V, Robinett K, Shah NG. "Endobronchial Blocker Placement." <https://www.thoracic.org/professionals/clinical-resources/video-lecture-series/bronchoscopy/endobronchial-blocker-placement.php>
5. Shah NG, Marr B, Netzer G, Tisherman SA. "Multi-disciplinary, Inter-professional Communication Simulations for Training Critical Care Fellows in Delivering Bad News and Discussing Brain Death" ATS Poster Presentation May 2018.

Links:

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

Van Holden (vholden@som.umaryland.edu):



Dr. Holden specializes in minimally invasive methods of diagnosing and staging lung cancer, central airway obstruction, and pleural disease. She also has strong interests in medical education and procedural teaching.

Links:

<https://www.medschool.umaryland.edu/profiles/Holden-Van-Kim/>