

Delirium in the Intensive Care with Dr. Babar Khan

March 8th, 2019
10:00 – 11:00 am
Morgan 121

Regenstrief Center for Healthcare Engineering



**Dr. Babar
Khan**

Dr. Babar A. Khan, MBBS is an Associate Professor of Medicine at Indiana University School of Medicine and a Research Scientist with Regenstrief Institute.

Dr. Khan's research focuses on developing biomarker profiles for patients with delirium in the ICU.

Dr. Khan is also the Director for the "Critical Care Recovery Center- CCRC," at Wishard Health Services.

One million adults in the United States receive mechanical ventilation for acute respiratory failure in the intensive care units (ICUs) annually and up to 80% of them develop delirium during their ICU stay. Presence of delirium predisposes older adults to immediate in-hospital complications including a longer length of ICU and hospital stay, increased risk of in-patient mortality and elevated costs of care. In addition, ICU delirium is associated with long-term post-discharge complications such as development of cognitive impairment and dementia. Not only does the presence of delirium portend adverse patient-related outcomes; both delirium duration and delirium severity have also been identified as predictors of mortality and other adverse consequences.

Research studies to date exploring pharmacological strategies to manage ICU delirium have not been successful in demonstrating efficacy and further work is needed. Dr. Khan through his presentation will discuss the current diagnostic criteria for ICU delirium and will lay out the evidence specifically the trials data focusing on delirium prevention and treatment.