Keynote Speech: Tele-Intensive Care Unit Mechanisms of Effect

Craig Lily MD (Professor of Medicine, Anesthesiology, and Surgery, University of Massachusetts Medical School & Medical Director UMass Memorial Health Care eICU Support Center Program)

The application of tele-ICU technology to patient care expands traditional notions of the patient doctor relationship by providing new and potentially more efficient paradigms of patient care. There is much that is not known about how this technology can be successfully applied and how to measure its effectiveness. Mechanisms and critical care delivery care processes that are affected by tele-ICU technology will be reviewed along with their association with and impact on outcomes. The variation in outcomes among tele-ICU program installations will be presented along with process and structural elements that distinguish top and bottom improving ICUs.