**Prof Andy Sapirtstein**

Dr. Sapirstein is an associate professor in the Department of Anesthesiology and Critical Care Medicine in the Johns Hopkins School of Medicine. He is a practicing anesthesiologist and surgical intensivist. He serves as the Executive Vice Chair and Director of the Division of Information Management and Integration in the Department and is the Chair of the Johns Hopkins Critical Care and Sedation Committees. He is also a faculty member of the Armstrong Institute where he has focused on engineering collaborations with the Applied Physics Laboratory of Johns Hopkins University. He led an evaluation of the role of tele-ICU care within Johns Hopkins Hospital and subsequently was a primary investigator on Project Emerge, a pilot project to test the hypothesis that systems engineering approaches can reduce preventable harm to patients in the ICU. He also led the Agency for Healthcare Research and Quality funded Johns Hopkins Transdisciplinary Learning Lab to Eliminate Patient Harm and Reduce Waste. This Learning Lab examined the potential for device integration and data aggregation to prevent and predict harm in the ICU.