“No significant relationship was found between RNs’ perceptions of SIP and error reduction, but data retrieved from the pumps revealed 93 manipulations of the pumps, of which error reduction was captured 65 times.” Mason et al (2014).

Reference:

Abstract:
Patient safety and error reduction are essential to improve patient care, and new technology is expected to contribute to such improvements while reducing costs and increasing care efficiency in health care organizations. The purpose of this study was to assess the relationships among pediatric nurses’ perceptions of smart infusion pump (SIP) technology, patient safety, and error reduction. Findings revealed that RNs’ perceptions of SIP correlated with patient safety. No significant relationship was found between RNs’ perceptions of SIP and error reduction, but data retrieved from the pumps revealed 93 manipulations of the pumps, of which error reduction was captured 65 times.

Other intravenous and vascular access resources that may be of interest (External links – IVTEAM has no responsibility for content).