

Observing sources of system resilience using in situ alarm simulations.

October 25, 2023

McLoone M, McNamara M, Jennings MA, et al. Observing sources of system resilience using in situ alarm simulations. J Hosp Med. 2023;18(11):994-998. doi:10.1002/jhm.13217.

<https://psnet.ahrq.gov/issue/observing-sources-system-resilience-using-situ-alarm-simulations>

Healthcare workers can become desensitized to electronic safety alerts ([alert fatigue](#)) which can [lead](#) to errors and adverse events. Based on [Safety II](#) concepts such as organizational resilience and using in situ simulations of critical hypoxemic-event alarms in pediatric inpatient settings, this study identified four types of system resilience contributing to alarm resilience – secondary notification, team-based care, direct visualization of bedside monitors from outside patient rooms (or a central monitoring station) and presence at the bedside.