

## **Locating errors through networked surveillance: a multimethod approach to peer assessment, hazard identification, and prioritization of patient safety efforts in cardiac surgery.**

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Thompson DA, Marsteller JA, Pronovost P, et al. Locating Errors Through Networked Surveillance: A Multimethod Approach to Peer Assessment, Hazard Identification, and Prioritization of Patient Safety Efforts in Cardiac Surgery. *J Patient Saf.* 2015;11(3):143-51. doi:10.1097/PTS.0000000000000059.

<https://psnet.ahrq.gov/issue/locating-errors-through-networked-surveillance-multimethod-approach-peer-assessment-hazard>

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This study describes a comprehensive approach to [identifying safety hazards](#) in a specific clinical environment, the cardiac surgery operating room, which jointly involved experts in [organizational science](#), [human factors](#), and clinical medicine. The authors detail the numerous methods they applied, including surveys, ethnographic direct observation, and analysis of a large database. [Safety culture](#), [teamwork and communication](#), [infection prevention](#), [handoffs](#), failure to adhere to standard practices, and environmental concerns were identified as six key hazards. This type of in-depth, multidisciplinary approach shows promise for determining and prioritizing safety approaches across various health care settings.