

## **System Changes Needed to Reduce Medical Errors**

Terry L. Howard

Gregory W. Ulferts

Mithu Bhattacharya

Vaishnavi Srivatsan

Kseniia Ding

University of Detroit Mercy

### **ABSTRACT**

Medical errors represent a critical challenge in healthcare, posing significant risks to patient safety and overall healthcare quality. These errors, ranging from medication mishaps to diagnostic inaccuracies, have become a matter of urgent concern in the medical community. Various studies and reports highlight the prevalence and gravity of medical errors. This research paper aims to delve into the various dimensions of medical errors and explore systematic changes that can be implemented to mitigate these errors. By examining the current efforts and challenges in addressing these errors, including the implementation of critical incident reporting systems and the creation of comprehensive training programs for healthcare professionals, the paper aims to provide actionable insights and recommendations.

Keywords: medical error, patient safety, healthcare quality