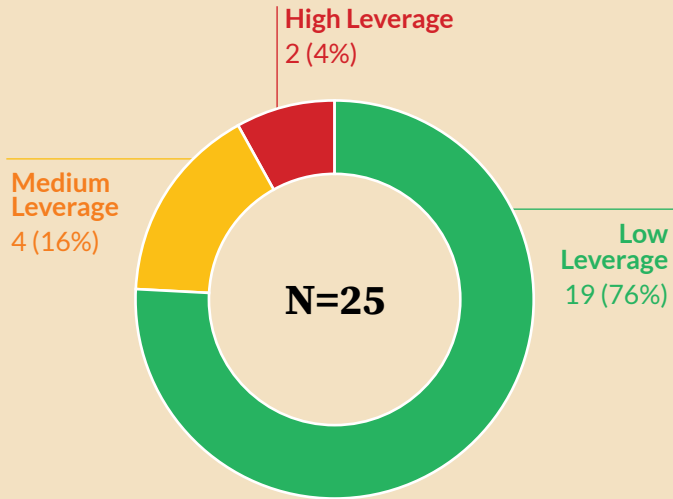


Analysis of an Academic Medical Center's Corrective Action Plan in Response to Fatal Medication Error Using the Institute for Safe Medication Practices' Hierarchy of Effectiveness



Corrective Action Plan following medication error assessed using ISMP's hierarchy of effectiveness revealed:



Low Leverage: Predominantly focused on education and policy amendments, which are less reliable as they depend on human memory and behavior.



Medium Leverage: Included warnings, standardization of medication names, and double-check systems, which have moderate effectiveness.



High Leverage: Consists of just two strategies—removing vecuronium from the override list and using shrink wrap packaging—aimed at enhancing system reliability.

Recommendations for Improvement

- Emphasize high-leverage, system-based interventions which will limit mistakes that occur due to human error by incorporating tools like barcode scanning and checklists.
- Foster a just culture to encourage medication error reporting to enhance patient safety.

