Barriers and facilitators for implementing peripherally inserted central catheter (PICC) appropriateness guidelines



Results from 306 unique online surveys from 34 hospitals completed biannually October 2014–November 2018

PICC Improvement Strategies



Establishing a vascular access committee



Implement clinical decision tool for PICC appropriateness



Avoid short-term PICC use (≤5 days)



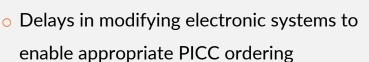
Increase use of single-lumen PICCs



Avoid PICC placement in patients with CKD

Common Barriers to Implementation

- Achieving agreement from diverse disciplines
- Competing hospital priorities





Common Facilitators to Implementation

- Provision of quarterly benchmarking reports
- A decision algorithm
- Access to an online toolkit
- Presence of local champion support



Structured quality improvement efforts have led to sustained PICC appropriateness and improved patient safety.





