

Jerusa de Oliveira Armani; Emerson Gonçalves de Oliveira; Fernanda Ferreira do Nascimento

BACKGROUND

Patient safety and clinical outcomes for hospitalized individuals often begin with a crucial decision: choosing the appropriate venous device. The proper indication of venous devices is essential in infusion therapy, and the use of a flowchart to select the ideal catheter type contributes to better therapy outcomes and prevents adverse events.

OBJECTIVE

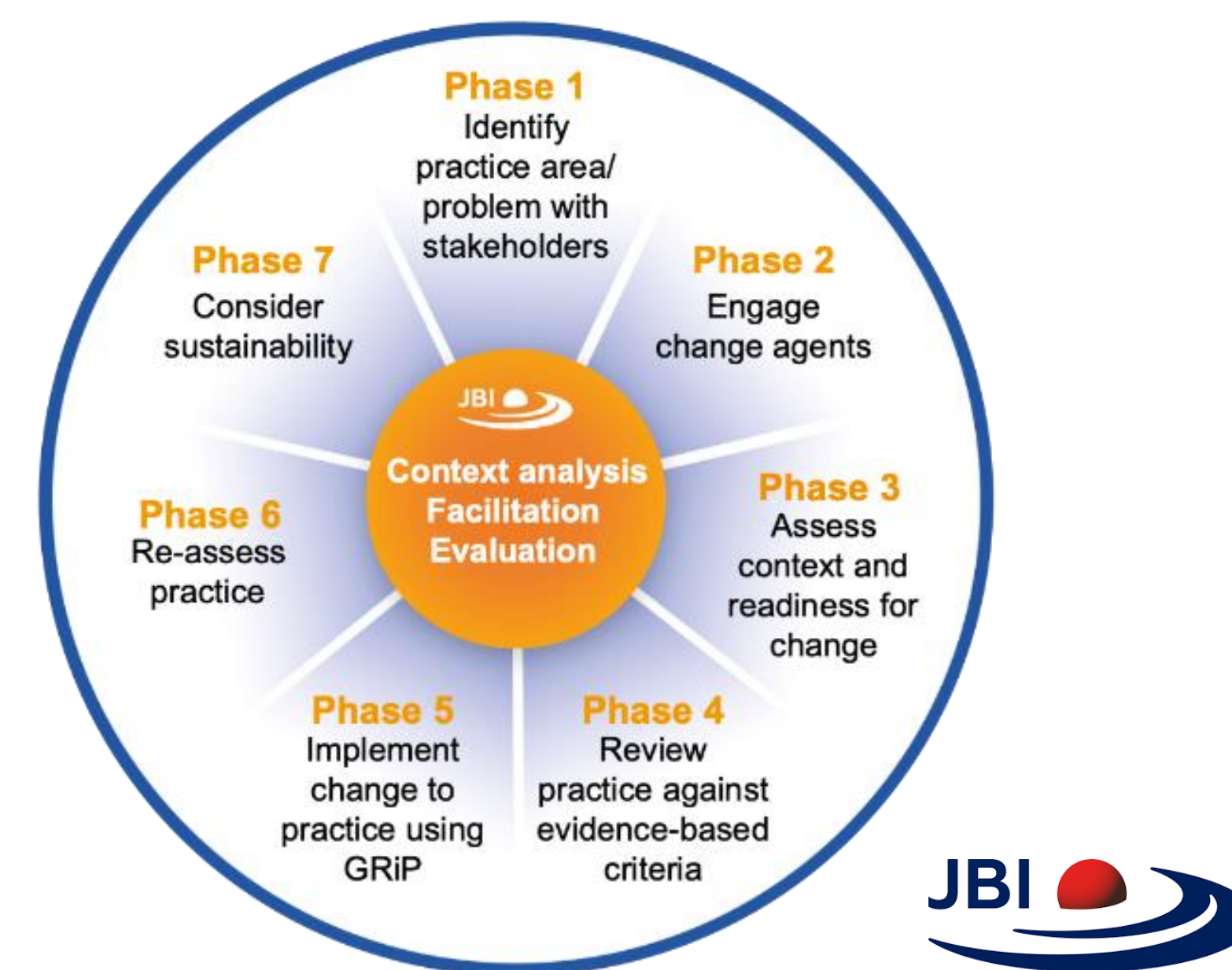
To assess the compliance between current practice and the best available evidence in the selection of venous devices by nurses and implement best practices using a decision-support flowchart

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METHODS

This is a best practice implementation study based on the JBI methodology, which involves seven stages centered on audit, feedback, and the management of barriers and facilitators. The action was carried out in two hospital units, one for frail elderly inpatients and the other for semi-intensive care, focusing on improving adherence to evidence-based practices.



RESULTS - KEY FINDINGS

- Knowledge of the availability and use of the flowchart for selecting the ideal venous catheter, increasing from 88.9% to 100%.

- 54.2% reduction in cases involving multiple peripheral puncture attempts.
- Among the 40 medical records reviewed, 70% of the patients who required intravenous therapy for more than 5 days in the follow-up audit received the ideal vascular device.



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CONCLUSIONS

There was an improvement in the team's knowledge, use of the flowchart, and appropriate selection of venous devices, especially for prolonged therapies. The audits reinforced evidence-based practice, promoted more accurate records, and helped maintain quality of care.