PIVC undergraduate nursing education and training is disjointed and inconsistent. This may negatively impact patient safety.

**Background:**
- The peripheral intravenous catheter (PIVC) is the most frequently used invasive medical device.
- Undergraduate nurses assess and manage PIVCs as part of their clinical learning.
- No study has explored undergraduate nurses' perceptions of the PIVC education they receive.

**Methods:**
- A qualitative study, interviewing final year undergraduate nurses.
- 12 face-to-face interviews were conducted; a modified 5-step qualitative content analysis was used to analyze data.

**Findings:**
Three key themes:
1. Universities provide foundational knowledge about PIVC assessment, management and removal.
2. Clinical practice consolidates and drives undergraduate nurses' knowledge, skills and confidence about PIVCs.
3. Inconsistencies in clinical practice and between individual clinicians impede learning and knowledge translation about PIVCs.

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