

Implementation of nurse-performed urological ultrasound: Optimising diagnostic pathways and multidisciplinary care

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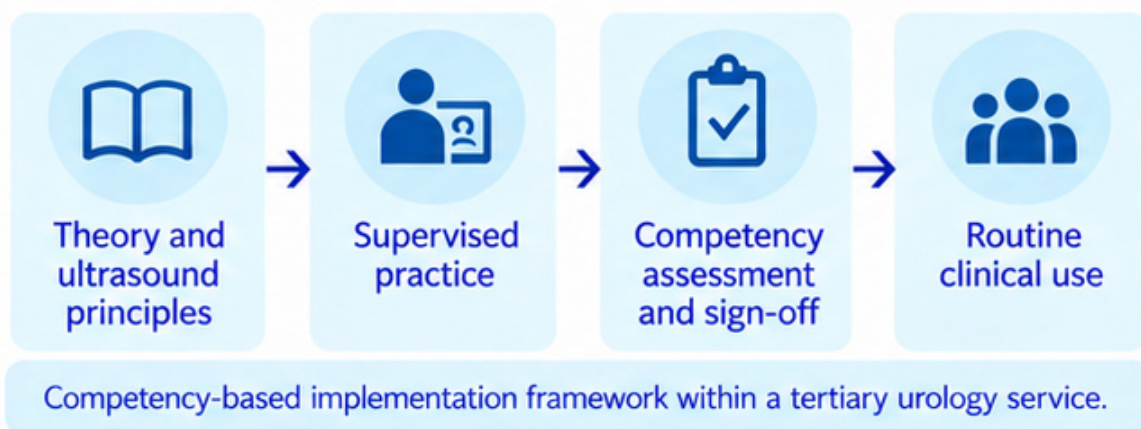
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Aim

To evaluate the feasibility, safety, clinical utility and service impact of implementing nurse-performed focused urological ultrasound within routine clinical pathways.



Study design and implementation



Clinical applications



Results

- Successfully integrated into routine clinical practice
 - Reliable bedside assessment of PVR and catheter position
 - No ultrasound-related complications or safety concerns identified
 - Earlier assessment and intervention with reduced reliance on physician-performed imaging
- Improved multidisciplinary communication and streamlined patient flow.

Interpretation of results

Expands nursing capability

Trained nurses can contribute directly to diagnostic and procedural pathways.

Supports faster clinical pathways

Bedside assessment facilitates earlier decision-making and reduces dependency on physician-led imaging.

Supports reproducible implementation

Competency-based training and structured sign-off support standardised implementation across clinical settings.

Concluding message

Nurse-performed focused urological ultrasound can safely support earlier clinical decision-making and more efficient urological pathways through a structured competency-based model.

This represents a scalable and transferable approach for multidisciplinary urological care.