

Dangle Tap Urine Collection – Training Guide

Training Overview

This training package includes:

- A poster used at Alder Hey to support visual learning
- A PowerPoint presentation for structured training delivery

Although originally developed for nursing staff, this training is recommended for all healthcare professionals involved in collecting urine samples from infants, including:

- Nurses and Healthcare Assistants (HCAs)
- Doctors
- Medical and Nursing students
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Training Delivery Recommendations

- In-person delivery is recommended where possible to support discussion and demonstration.
- The session may be delivered with or without the PowerPoint, as long as the following key points are covered:
 - The importance of antimicrobial resistance (AMR) and stewardship
 - The rationale for obtaining high-quality urine samples
 - A clear explanation and demonstration of the Dangle Tap technique

Training Format & Tips

- Duration: 10–15 minutes
- Suitable for: Team huddles, staff inductions, or clinical teaching sessions
- To enhance engagement and confidence:
 - Use a doll and sterile urine containers for hands-on practice
 - Provide opportunities for staff to simulate the technique before clinical application

Key messages staff should take away

- **Patient safety:** If a baby has a urinary tract infection caused by a resistant organism, we won't know without prompt urine testing. Delays mean the patient may deteriorate while receiving ineffective standard treatment.
- **Better outcomes and workload reduction:** The sooner a UTI is confirmed or ruled out, the sooner IV antibiotics can be stopped or switched to oral therapy. This reduces the need for cannulas, means fewer IV medications for nurses to administer, and frees up time for direct patient care.