

Audit Tool

Invasive Clinical Procedures



*See overleaf for guidance *Name of hospital, community practice: _____

1. **Procedure Setting:** Hospital Community Patient home (Tick one)
2. **Procedure Observed:** Peripheral IV Drug Admin Central Venous Drug Admin Simple Wound Care
 Complex Wound Care Urinary Catheterisation Cannulation Other _____

3. **Ask the Health Worker what the AIM of the technique is** Clean Aseptic Sterile Other _____

4. **From start-to-finish of the procedure, please tick the quality of each hand cleaning episode by ticking the type of hand cleaning technique used (including drying time)***

Hand Cleaning episodes during the procedure	1	2	3	4	5	6
4a A quick social wash (<15 seconds)						
4b Different parts of the hands / fingers targeted (>30 sec)						

5. **Type of glove used?** Sterile gloves Non-sterile gloves No gloves (Tick all that apply)

6. **Were the gloves contaminated during the procedure*** Yes No If yes, how? _____

7. **What type of aseptic field was used? (Tick all that apply)** None Paper tray Metal tray
 Plastic tray Trolley Sterile drape from procedure pack Sterile drape Non-sterile drape

8. **Was an aseptic field contaminated?** Yes No If yes, how? _____

9. **If a plastic or metal tray was used was it cleaned according to local policy?** Yes No N/A

10. **For IV therapy, were IV Hubs cleaned effectively?*** Yes No N/A

11. **When not in use, were ALL equipment Key-Parts* protected at all times during the procedure? (Tick all that apply)**
 Yes, by sterile caps Yes, inside equipment packaging No

12. **Were equipment Key-Parts touched at all by the Health Worker's hands or gloved hands?*** Yes No

13. **Were equipment Key-Parts touched at all by any equipment, containers, surfaces etc.?** Yes No

14. **If the procedure was chronic leg ulcer care, was the wound:** Irrigated Soaked N/A

15. **Were any Key-Sites* touched by hands during the procedure? (e.g. Wound, puncture site etc)**
 (Tick all that apply) Yes with sterile gloves Yes with non-sterile gloves No Yes other _____

16. **At the end of the procedure were hands cleaned immediately after glove removal?** Yes No

17. **Ask the Health Worker what type of technique they used (Don't show the options): (Tick one)**
 Clean Technique Non-touch Technique Aseptic Technique Sterile Technique Other _____

18. **Ask the Health Worker what factors they considered when selecting the type of clean, aseptic or sterile technique they used (Don't show the options) (Tick all that apply):** Patients' Age immunosuppressed
 Patients' disease The difficulty of the procedure None: The technique is mandated
 Other _____

Audit Tool: Guidance for Assessors

Your diligence in using this tool is essential to produce useful results for the benefit of patients. Thank you for your support.

Anonymity: The-ASAP will collate the audits and feedback the results to individual organisations directly. The data is then anonymised and collated into a national audit. Organisations will NOT be identified.

Please answer all questions – marking N/A if not applicable.

How to approach using this audit tool

Clinical procedures involve three phases: First **Preparation**, the **Procedure** itself and lastly **Cleaning up**.

With this in mind you may go backwards and forwards through the tool for each stage. For example, you will tick each hand clean as it happens at different stages of the procedure. The questions to do with Key-Part Protection and aseptic fields etc. should be considered during preparation and during the procedure itself.

Question 4 – Hand Cleaning

- Soap & water and alcohol gel can be used interchangeably. Cleaning technique still matters.
- The multi-step technique refers to the type of technique advised by the World Health Organisation 2009. i.e. The Health Worker attempts to clean different parts of the hands such as fingers, palms, back of hands etc.
- The number of hand cleaning episodes per procedure will vary according to the procedure. There should only be ONE tick for EACH hand cleaning episode as below. In this example the procedure has 4 episodes of hand cleaning. 3 were for >30 seconds using different parts of the hand, and 1 was a social wash <15 seconds.

Hand Cleaning episodes during the procedure	1	2	3	4	5	6
A quick social wash (<15 seconds)		✓				
Different parts of the hands / fingers targeted (>30 sec)	✓		✓	✓		

Question 6 - Contamination of Gloves

Auditors should be vigilant for touch contamination of gloves. Sterile gloves are contaminated if non-sterile equipment or anything outside of the sterilised field or other sterilised equipment is touched. Non-sterile gloves are allowed to touch procedure equipment etc.; but should not be used to touch the wider environment such as bed rails, door handles etc.

Question 10 - Cleaning of IV Hubs.

Carefully observe this action as it is commonly performed ineffectively. All of the below must be completed to be effective:

- A large 2% chlorhexidine / 70% isopropyl alcohol wipe (Not a small Steret[®]).
- The large wipe is fully opened.
- The IV Hub Tip is scrubbed hard for 15 seconds and allowed to dry (about 20 seconds).
- The IV Hub once cleaned is not touched by the Health Workers hands or anything else other than aseptic Key-Parts.

Question 11 - Protection of equipment Key-Parts

This question observes how equipment key-parts are protected when not in use. For reference:

Key-Parts are the most critical parts of the procedure equipment that come into contact with any invasive device, sterile liquid infusion or the patient (Syringe tips, sterile gauze, needles etc.).

Question 12

Observe closely throughout for any hand touch of equipment Key-Parts. Even when wearing sterile gloves Key-Parts must not be touched unless it is necessary to do so.

Question 15 - Key-Sites:

Key-Sites are any portal of entry for microorganisms to the patient such as open wounds, insertion and puncture sites from invasive medical devices etc.