



HEALTH HOLDING

HAFER ALBATIN HEALTH
CLUSTER
MATERNITY AND
CHILDREN HOSPITAL

Department:	Operating Room		
Document:	Internal Policy and Procedure		
Title:	Maintaining Sterile Field in the Operating Room		
Applies To:	All Surgeon and Operating Room Nurse		
Preparation Date:	January 05, 2025	Index No:	OR-IPP-017
Approval Date:	January 19, 2025	Version :	5
Effective Date:	February 19, 2025	Replacement No.:	OR-DPP-017(4)
Review Date:	February 19, 2028	No. of Pages:	3

1. PURPOSE:

- 1.1 To apply the principles of asepsis and sterile technique.
- 1.2 To prevent the transmission of microorganisms that can cause infection.
- 1.3 To create and to work in sterile field.

2. DEFINITIONS:

- 2.1 **Maintaining Sterile Field** – measures taken to create and maintain an aseptic environment.

3.. POLICY:

- 3.1 A disposable item should not be washed and reused for another patient.
- 3.2 Reusable items must be terminally sterilized or high level disinfection must be done before reuse.
- 3.3 All items to be used are sterile without exception.
- 3.4 If there is any doubt about the sterility of any item, it should be considered not sterile.
- 3.5 If the integrity of a packaging material is not intact; consider it unsterile.
- 3.6 If a package becomes damp or wet, discard it.
- 3.7 Every person working in sterile area must develop a “sterile consumer” alert to contamination, no matter how slight.
- 3.8 All items used within a sterile field must be sterile.
- 3.9 Persons who are sterile touch only sterile items or areas, persons who are not sterile touch only unsterile areas or items.

4. PROCEDURE:

- 4.1 **Surgical hand scrub:**
 - 4.1.1 Wear surgical attire before beginning the surgical hand scrub.
 - 4.1.2 Perform surgical hand scrub according to acceptable technique.
 - 4.1.3 Use an approved scrub agent.
- 4.2 **Gowning:**
 - 4.2.1 Remember that gown is considered sterile in front from chest to the level of the sterile field.
 - 4.2.2 The gown cuff must be covered at all times by sterile gloves.
- 4.3 **Gloving:**
 - 4.3.1 Preserve the sterility of the hands.
 - 4.3.2 Change gloves and gown if there is any break in the technique.
- 4.4 **Draping:**
 - 4.4.1 Drape an unsterile surface first toward them.
 - 4.4.2 Change drape or cover drape if it becomes fermented or moist.
- 4.5 **The sterile items:**
 - 4.5.1 Check the outer wrapper or package to make sure there are no tears or holes.
 - 4.5.2 Inspect to see that items are properly sterilized evidence by indicators.
 - 4.5.3 Discard any instrument you are in doubt of sterility.

- 4.5.4 Transfer and dispense items on to sterile field by methods that maintain sterility and integrity.
- 4.6 Constantly monitor and maintain sterile field.
- 4.7 Keep unsterile person a safe distance from sterile field.
- 4.8 Keep Operating Room doors shut during a procedure.

5. MATERIALS AND EQUIPMENT:

- 5.1 Sterile Surgical Brush
- 5.2 Povidone Scrub/Scrub Stat
- 5.3 Sterile Gown and Gloves
- 5.4 Sterile Drapes and Instruments

6. RESPONSIBILITIES:

- 6.1 Nurse
- 6.2 Surgeon

7. APPENDICES:

N/A

8. REFERENCES:

- 8.1 Kingdom of Saudi Arabia, Ministry of Health, Bisha General Hospital, 2018.

9. APPROVALS:

	Name	Title	Signature	Date
Prepared by:	Ms. Naimah Naif Al Salem	Head Nurse of the Operating Room		January 05, 2025
Reviewed by:	Dr. Abdulghani Ibrahim	Head of the Operating Room Department		January 06, 2025
Reviewed by:	Mr. Sabah Turayhib Al - Harbi	Director of Nursing		January 07, 2025
Reviewed by:	Mr. Abdulelah Ayed Al Mutairi	QM&PS Director		January 08, 2025
Reviewed by:	Dr. Tamer Mohamed Naguib	Medical Director		January 12, 2025
Approved by:	Mr. Fahad Hezam Al - Shammari	Hospital Director		January 19, 2025