



HEALTH HOLDING

HAFER ALBATIN HEALTH  
CLUSTER  
MATERNITY AND  
CHILDREN HOSPITAL

<b>Department:</b>	Operating Room		
<b>Document:</b>	Departmental Policy and Procedure		
<b>Title:</b>	Usage of Disinfectant and Glutaraldehyde		
<b>Applies To:</b>	All Operating Room Nurse		
<b>Preparation Date:</b>	January 05, 2025	<b>Index No:</b>	OR-DPP-033
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## 1. PURPOSE:

- 1.1 To disinfect lens instruments.
- 1.2 To disinfect rubber and plastic instruments.

## 2. DEFINITIONS:

- 2.1 **Usage of Disinfectant and Glutaraldehyde** – an aqueous solution of glutaraldehyde that kills microorganism by desaturation of protein.

## 3. POLICY:

- 3.1 Ensure the following item are present before soaking instruments in glutaraldehyde:
  - 3.1.1 Eye Protective Goggles
  - 3.1.2 Gloves
  - 3.1.3 Mask
  - 3.1.4 Plastic Apron
- 3.2 Put in all the protective apparel before soaking instruments.
- 3.3 Prepare soaking of instruments in a well – ventilated area.
- 3.4 Write expiry date upon activation of glutaraldehyde.
- 3.5 Dispose of the expired glutaraldehyde solution carefully to avoid splashing.
- 3.6 Check expiry date daily.
- 3.7 Should be used only in a closed container and in a well – ventilated area.

## 4. PROCEDURE:

- 4.1 Place instrument gently into the glutaraldehyde to avoid splashes.
- 4.2 Dismantle the instrument parts and open joint instrument at lock.
- 4.3 Dry instrument well before soaking.
- 4.4 Use syringe to flush all items that have lumen.
- 4.5 Ensure all instrument are all completely immersed.
- 4.6 Indicate the sterilizing time (minimum 10 minutes) to avoid adding additional instruments.
- 4.7 Do not add any other instrument while disinfection in progress.
- 4.8 Place the lid on the soaking container ensuring it is sealed.
- 4.9 Rinse soaked instruments well with sterile water before use.
- 4.10 Flush all lumen items several times thoroughly with sterile water.
- 4.11 Dry instrument completely with a sterile towel.
- 4.12 Set – up instruments trolley for surgery as required.

## 5. MATERIALS AND EQUIPMENT:

N/A

## 6. RESPONSIBILITIES:

6.1 Nurse

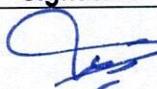
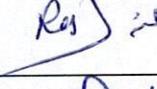
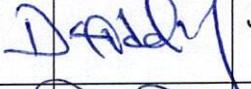
## 7. APPENDICES:

N/A

## 8. REFERENCES:

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

## 9. APPROVALS:

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