



<b>Department:</b>	Pharmaceutical Care Department		
<b>Document:</b>	Multidisciplinary Policy And Procedure (MPP)		
<b>Title:</b>	Hospital Guideline on Safe Recycling of Un-used Sterile Compounded Preparations		
<b>Applies To:</b>	Pharmacy and Nursing Staff		
<b>Preparation Date:</b>	December 22, 2024	<b>Index No:</b>	MM-MPP-029
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## 1. PURPOSE:

- 1.1 To outline the process for recycling of un-used sterile compounded preparations.

## 2. DEFINITONS:

- 2.1 IV solution, which are returned to the Pharmacy unused, require processing to be recycled or discarded.

## 3. POLICY:

- 3.1 To decrease the amount of wastage, all IVs returned to the Pharmacy which are unused will be evaluated for expiration information.
- 3.2 IV preparations that have not passed the expiration date and time, based on stability guidelines, show no signs of damage to container or signs of manipulations outside of the Pharmacy environment maybe allowed to be relabelled and dispensed.
- 3.3 If returned IV preparations contaminated while using an aseptic manner, it will be discarded.
- 3.4 The reusable IV will be stored in the refrigerator until either it can be predisposed or the original expiration date is reached.
- 3.5 All expiration dates of re-dispensed IVs will be the dates based on the original preparation date and time.

## 4 PROCEDURES:

- 4.1 Sort all returned IV for reuse or discarding. (licensed Pharmacist or Pharmacy technician)
  - 4.1.1 Determine the IVs which have passed or will pass the expiration dates before being able to administer to the patient
  - 4.1.2 Inspect for damage or evidence of the IV being manipulated outside of the Pharmacy.
  - 4.1.3 A returned IV with an auxiliary label of "recycle" maybe reused, but may not be manipulated again.
  - 4.1.4 All reusable IVs shall be placed in the refrigerator for future use or relabelled and re-dispensed.
  - 4.1.5 All unusable IVs will be discarded in the appropriate manner.
  - 4.1.6 The number of returned IVs and the number of the IVs which had to be discarded will be recorded on the appropriate IV room data sheet.
- 4.2 Recycle an IV which has been returned to the Pharmacy. (Licensed Pharmacist/Technician)
  - 4.2.1 Place a proper label on the recycled IV as not to cover the original label.
  - 4.2.2 Record the expiration date on the new label to correspond to the original expiration date.
  - 4.2.3 The IV will be checked against both labels to verify the correct IV and label information.
- 4.3 Addition of medications to a returned IV. (Licensed Pharmacist/Technicians)

- 4.3.1 Add the needed medication to the IV under aseptic conditions.
- 4.3.2 Label IV as in procedure 2.
- 4.3.3 Place an auxiliary label "Recycled" on the IV.

## 5. MATERIAL AND EQUIPMENT:

### 5.1 Forms and Records:

- 5.1.1 IV Return Data Sheet

### 5.2 Materials and Equipment:

- 5.2.1 Auxiliary Labels

## 6. RESPONSIBILITIES:

- 6.1 Pharmacy staff.
- 6.2 Nursing staff.

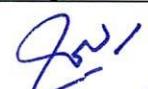
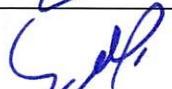
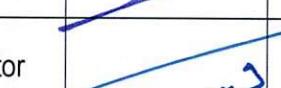
## 7. APPENDICES:

- 7.1 N/A

## 8. REFERENCES:

- 8.1 MOH, General administration of pharmaceutical care.
- 8.2 Saudi Central Board for Accreditation of Healthcare Institution.

## 9. APPROVALS:

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