



*Drug & Poison Information Center  
Faculty of Pharmacy  
Tanta University*

**Stability & Storage  
Conditions for  
Common IV  
Solutions**



### Ringer's Solution

#### Storage conditions:

- Store at room temperature (25°C).
- Avoid excessive heat.



#### Stability after opening:

- The product should be used for one patient on one occasion only.
- Any unused portion should be discarded.
- Do not reconnect partially used bags.
- Solutions containing additives should be used immediately or not longer than 24 hr.

### Sodium Chloride (NaCl) 0.9%



#### Storage conditions:

- Store at room temperature (25°C).
- Avoid excessive heat.
- Protect from freezing.

#### Stability after opening:

- After opening the container, the contents should be used immediately & should not be stored for subsequent infusions.
- Do not reconnect any partially used containers
- Discard any unused portion.



## Tienam vial

### Storage conditions:

Store intact vials at temperature  $<25^{\circ}\text{C}$ .

### Stability after preparation:

Stable for 4 hr at room temperature & 24 hr if refrigerated at  $5^{\circ}\text{C}$ .

## Heparin vial.

### Storage conditions:

- Store at controlled room temperature.
- Protect from freezing & temperatures exceeding  $40^{\circ}\text{C}$ .

### Stability after preparation:

Stable for 4 hr at controlled room temperature & 24 hr if refrigerated.



## Gentamycin amp.

### Storage conditions:

- Store intact vials & premixed bags at  $20^{\circ}$ -  $25^{\circ}\text{C}$ .
- Protect from freezing.

### Stability after preparation:

Prepared infusions may be stored at  $2^{\circ}$ -  $8^{\circ}\text{C}$  & infused at room temperature within 24 hr.



## Primperan amp.

### Storage conditions:

- Store intact vials & premixed bags at 20°- 25°C.
- Protect from light.
- Do not use discolored solutions.

### Stability after preparation:

Stable for 24 hr at normal light & 48 hr if protected from light.



## Maxipime vial

### Storage conditions:

- Store intact vials at 20°- 25°C.
- Protect vials from light.

### Stability after preparation:

Stable for 24 hr at room temperature & 7 days if refrigerated.



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