

Department of
NURSING

Care of Elastomeric Pump - Large Volume (LV) Infusor



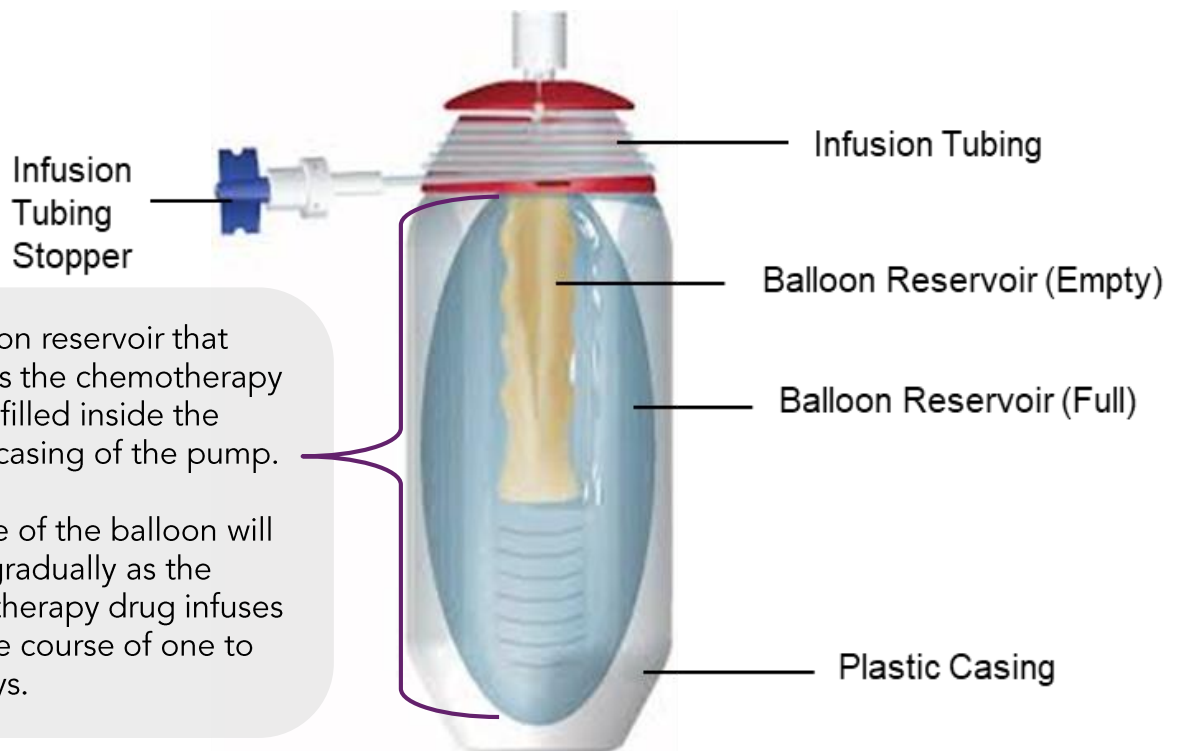
Care of Elastomeric Pump

1) What Is a Large Volume (LV) Infusor?

LV infusor is a lightweight and disposable pump that delivers chemotherapy drug to the body over one or two days depending on the chemotherapy treatment of the patient.

The elastomeric balloon reservoir (see diagram below) will deflate while the medication is pushed through the infusion tubing into your catheter/port.

2) What Are the Features of the LV Infusor?



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3) How Is the LV Infusor Connected to Patients?

The LV infusor is connected to a vascular access device such as the Peripheral Inserted Central Catheter (PICC) or Port-A-Cath.



Example of a Peripheral Inserted Central Catheter (PICC)



Example of a Port-A-Cath

4) What Are the Precautionary Measures to Observe?

1. The LV infusor must be:

- kept in a special carrier supplied by the vendor at all times.
- dry at all times.
- placed at the side of your body where the infusor is connected when you are sleeping.
- avoided from prolonged exposure to sunlight.
- carried at waist level when walking at all times

2. Wipe your body with wet towel when you are connected to the LV infusor.

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Your nurse will provide you with a checklist and instructions to monitor your LV infusor at home.

√ the box if 'balloon' becomes smaller

About 12 hours infused

Date:
Time:



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About 24 hours infused

Date:
Time:



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About 36 hours infused

Date:
Time:



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Seek Medical Attention When You Experienced the Following :

- There is a **leak** or **burst** inside the LV infusor.
- Balloon reservoir did not reduce by half after 24 hours.
- Infusion tubing is removed from the LV infusor.
- LV infusor hit against a hard-surface and clear cracks are seen on the casing.
- Port-A-Cath dressing is wet or loose.
- Pain felt over the Port-A-Cath site. This could mean that the gripper needle (needle that is inserted during treatment) is displaced.
- Physical contact with the medication.
If contact was made, do the following immediately:
 - Wash the affected area that made contact with soap and water.
Place the LV infusor into a plastic/ziplock bag to prevent further harm.

If you require any assistance,

Call the following helplines **during office hours** (8.30am – 5.30pm):

6889 4538 (Clinic 5A)

6889 4682 (Clinic 1C)

6357 2093 / 2097 (Ward 9C)

6357 2133 / 2137 (Ward 13C)

Proceed to TTSH Emergency Department **after office hours.**

Notes

Notes

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Contact:

6357 7000 (Central Hotline)



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