EASYPUMP® II

THE FLEXIBLE SOLUTION FOR SHORT AND LONG TERM INFUSION THERAPIES
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PATIENT INFORMATION

PATIENT NAME:

ADDRESS:

ID NUMBER:

DOCTOR:

IN CASE OF AN EMERGENCY PLEASE CONTACT:

NOTES
EASYPUMP® II
THE FLEXIBLE SOLUTION FOR SHORT AND LONG TERM INFUSION THERAPIES

Easypump® II is a disposable elastomeric infusion pump which contains your required medication. It is designed to administer the medication into your bloodstream in a slow and continuous way. Easypump® II is portable and works independently from main power supply or batteries, allowing your treatment to be given at home.

Together with the right choice of therapy, patients recover well in a familiar atmosphere. Easypump® II supports this approach and allows you to receive your treatment at home. You can return to your normal activities faster and maintain your lifestyle at home.

WORKING PRINCIPLE OF EASYPUMP® II

Easypump® II has a soft outer shell and an elastomeric membrane, acting as the medication reservoir. Your clinician provided you with an Easypump® II, filled with your medication. The filled Easypump® II is connected to your venous access device. During the treatment, the pump delivers your medication slowly through the tube into your bloodstream. As medication is administered the pump will become smaller. This happens independently of main power supply or batteries.
**EASYPUMP® II**

**PRODUCT DESCRIPTION**

- **Patient Connector**: Allows a comfortable connection to your venous access.
- **Filling Port**: Start and stop of infusion.
- **Tubing**: Make sure it is in direct contact with your skin.
- **Medication Reservoir with protective outer shell**: Make sure it is not covered by the dressing.
- **Comfort Cap**: Flow Restrictor
- **Filter**: Clamp
- **Clamp**: Start and stop of infusion.
EASYPUMP® II
HOW TO WEAR AN EASYPUMP® II?

Place your Easypump® II approximately at the same level as your venous access device when sitting or lying down. A difference in height between the pump and your venous access might influence the flow rate. When standing, your Easypump® II can be put in a carrypouch, allowing you to carry your pump in a comfortable way.

The flow restrictor located between the filter and patient connector (see page 10/11) must be properly placed to secure flow accuracy. For a high flow rate accuracy, this part needs to be in direct contact with your skin. In case this instruction is not followed, the flow might slow down, resulting in a longer infusion time.

Depending on your venous access device, the taping of the flow restrictor to your skin might look as follows:
How do I store pre-filled Easypumps® II at home?
Consult your healthcare provider for relevant instructions as storage technique relates to the type of medication being received. Easypump® II, independent of medication can be stored at room temperature away from a direct light source, or in a refrigerator or freezer. If stored at a temperature < 4°C, make sure not to prime the infusion tubing prior to storage. In all conditions, allow the pump to reach room temperature prior to beginning the infusion.

<table>
<thead>
<tr>
<th>Nominal Fill Volume (ml)</th>
<th>&lt;100</th>
<th>&gt;100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours From Refrigerator (approx. +2°C to +8°C)</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Hours From Freezer (approx. -18°C)</td>
<td>12</td>
<td>18</td>
</tr>
</tbody>
</table>

Please remember that the time can vary depending on the ambient room temperature. Easypump® is designed to work at room temperature (around 23°C).

Never put the pump in the microwave, hot water or direct sunlight to speed up the warming process.
How to connect Easypump® II?
Your Easypump® II will be connected to your venous access device. This can either be an IV Cannula, a Central Venous Catheter, an implanted port or a Peripherally Inserted Central Catheter.

Ask your healthcare provider for further instructions.

1. Wash and disinfect your hands thoroughly
2. Check patient data, medication and expiration date on the label
3. Make sure the pump is at room temperature
4. Open the closing cone of the patient connector
5. Prior to connecting to the patient, the entire pump system must be primed
6. Disinfect the connection ports and consider the exposure time.
7. Connect the patient connector of the pump to your access device and make sure that the flow restrictor is taped on your skin
8. Make sure that the filter is not covered by any material
9. Open the clamp – the infusion should begin automatically
10. The size of the pump will shrink over time as the medication is infused
How do I know my pump is working?
The elastomeric balloon will gradually decrease in size as the medication is infused. You may receive your medication over a period of several days, therefore you might not see the decrease in size of the balloon immediately. For pumps with an infusion time of more than 24 hours, you may use a household measuring tape to measure the decrease in diameter over time. If no decrease in diameter is seen even over a longer period, please consult your healthcare provider immediately.

What should I do if the Easypump® II does not seem to be working?
If your Easypump® II does not seem to be functioning, please initially check the following:
- Easypump® II is at room temperature
- The white clamp on the tubing is open and moves freely
- All clamps on your venous access device are open
- The tubing is not kinked
- The filter is not taped or covered
- The flow restrictor is in direct contact with your skin

Consult your healthcare provider and inform them of the cause. If the cause is not found, please ask the healthcare provider for further instructions.

What if the pump falls down or out of the pouch?
Check whether the pump is still connected properly to your venous access. The flow restrictor should still be taped directly to your skin. Please inspect the pump for any obvious breakages or leakages. If so, kindly contact your healthcare provider. Easypump® II is a very robust product and is unlikely to be damaged when dropped.

I see air bubbles in Easypump® II. Do I need to worry?
No, there is no cause for concern. Easypump® II has a built-in air filter which prevents air from being infused into the patient. Visible bubbles will likely disappear in a short while.
EASYPUMP® II

END OF INFUSION

How do I know the infusion is finished?
When the elastomeric balloon has deflated on all sides, this signifies the completion of the infusion. Please wait until all the fluid has left the balloon.

What do I do if my Easypump® II runs out before my next clinic appointment?
Please contact your healthcare provider for further instructions.

How to disconnect an empty Easypump® II?
Check first with your healthcare provider whether Easypump® II can be disconnected independently.
To disconnect the Easypump® II, follow the steps on page 21.

How to dispose an empty Easypump® II?
Your healthcare provider will provide instructions for adequate disposal.

Can Easypump® II be re-used?
Elastomeric Infusion Pumps are created for single use only. Therefore, it is not allowed to re-use the pump.
Can I use Easypump® II while getting an MRI?
Yes, an Easypump® II can be left on while receiving an MRI as there are no components in the Easypump which are either metallic or conductive, and will thus not interfere with the electromagnetic field.

Can I use Easypump® II during radiation treatment?
Yes, Easypump® II is suitable to be used with chemoradiotherapy. The radiation dose in the context of chemoradiation does not affect the properties and thus the desired functionality of the pump.
BATHING
Can I have a bath or shower with Easypump® II?
Yes, you can take a shower with your Easypump® II. Please make sure that the pump, the filter and the venous access area are protected from running water. Please check with your health care provider for further instructions.

SLEEPING
How to place Easypump® II while sleeping?
Prior to sleeping, take the pump out of the carry pouch and place it on a bedside table or next to the pillow. The pump should ideally be at the same level or height as your venous access device, thus do not place at a level much lower or higher than your body. Also, make sure the pump is not covered to prevent it from getting too warm.

Will Easypump® II burst if I accidently lie on it?
Easypump® II is very robust and will not burst under normal circumstances. However, as a precaution, do not expose the Easypump® II to unnecessary pressure (by sleeping or sitting on it). This could impact the flow rate.

EXERCISING
Can I take part in sporting activities with Easypump® II?
Yes, mild exercise does not negatively affect the functioning of the pump. However, please stay away from rigorous physical exercise that could increase your body temperature or blood pressure. A significant increase in either or both of these factors would alter the flow rate of the pump.
MOBILITY

Can I go on a flight with Easypump® II?
Yes, you can. Your infusion will not be affected while travelling by air. However, please discuss beforehand with your healthcare provider.

How should I store Easypump® II while travelling?
Make sure that your Easypump® II is not exposed to severe temperature changes. To support a constant temperature, the pump can be stored in an isothermal carry pouch.

Can I drive with Easypump® II?
Yes, Easypump® II itself does not hinder driving. However, please discuss this with your healthcare provider as the medication being received might not permit this.

Can I go out with Easypump® II?
You can go out. Make sure that your Easypump® II is protected under your clothes and your carry pouch. Weather conditions like temperature variations, direct UV-light, extreme humidity etc. might impact the flow rate.

FAMILY

Can my family & friends be around while I am connected to Easypump® II? Can I still take care of my pets?
Yes, as long as you take care to prevent damages to the pump.