

# Patient Guide



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## Patient Information

Patient Name: \_\_\_\_\_

Medication (name & dose): \_\_\_\_\_

Emergency contact numbers: \_\_\_\_\_

Health care provider contact: \_\_\_\_\_

Medication start time: \_\_\_\_\_

Length of infusion (approx.) \_\_\_\_\_

## Pump Information

Pump tubing:  Primed (filled with medication)  Not Primed (not filled with medication)

Store pump in:  Room temperature  Refrigerator

Remove the EZ-FLOW Elastomeric Pump from storage \_\_\_\_\_ hours before use.

Close tubing clamp to stop infusion and immediately contact your health care provider if you experience any of the following side effects:

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**CAUTION:** Never put the pump in the microwave, direct sunlight, or in water to warm. Heating may cause problems with device and flow rate.

Catheter/access device instructions:

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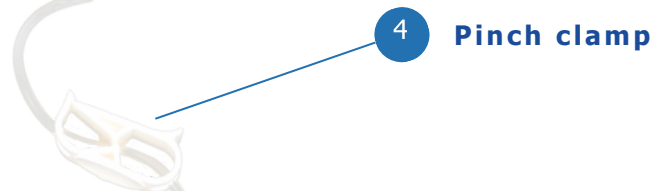




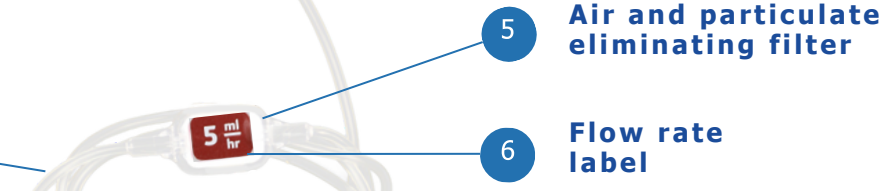
1 Color-coded fill port with tethered cap

2 Outer soft cover

3 Multi-layered elastomeric membrane



4 Pinch clamp



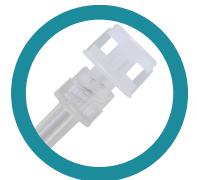
5 Air and particulate eliminating filter

6 Flow rate label

7 Non DEHP PVC administration tubing



8 Luer Tip Connector



9 Patient End Cap

\*A priming cap is only used for long duration and chemotherapy pumps.



## Precautions Information

- Do not submerge the pump in water.
- Prevent the filter from getting wet.
- Make sure the tubing is free of kinks and the pinch clamp is in the ON/OPEN position for full infusion time. If kinks are observed in the tubing, roll the tubing between your fingers to release the kink.
- Do not get alcohol or detergents on the filter as this may cause a leak.
- Do not sleep on the pump.
- Do not squeeze or play with the filled pump. Applied pressure may result in rupture or breakage and will result in increased flow rate.
- Avoid prolonged periods of extreme heat or cold.
- Prior to starting infusion, allow the pump to reach room temperature  $\sim 73^{\circ}\text{F} \pm 2^{\circ}\text{F}$  ( $\sim 23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ). If the solution is colder than room temperature, the infusion time will likely be longer than anticipated. Failure to allow solution to reach room temperature can lead to longer infusion time. The pump should be at or near room temperature.

Estimated times below:

Nominal Fill Volume	Refrigerated Temperature	Est. Time to Reach Room Temp
50mL - 100mL	35.6° F to 46.4° F (+2° to +8° C)	6 hours from refrigerator
50mL - 100mL	-0.4° F (-18° C)	12 hours from refrigerator
100mL+	35.6° F to 46.4° F (+2° to +8° C)	12 hours from refrigerator
100mL+	-0.4° F (-18° C)	18 hours from refrigerator

Consult your pharmacist, nurse or physician for the expected infusion duration.



## Preparing for Treatment

### Gather Supplies:

- EZ-FLOW™ Elastomeric Pump
- Alcohol (or other antiseptic) Prep Pad(s)
- Flush syringe(s) (if required by your provider)



### Pre-Infusion Check:

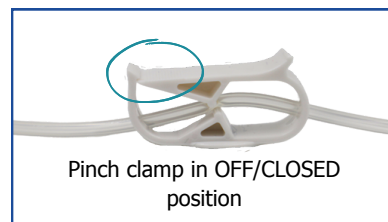
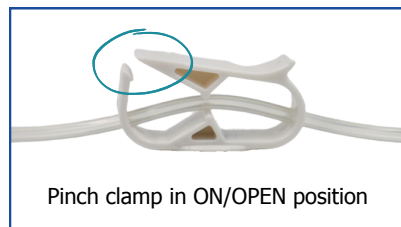
- Ensure the EZ-FLOW™ pump is labeled with your name, and the medication name and dosage are accurate.
- Review the expiration date; make sure it has not expired.
- Confirm the end cap and fill port cap are in place.

### Hand Hygiene:

- Wash your hands thoroughly, following your healthcare provider's instructions.

### Pinch Clamp Check:

- Confirm that the pinch clamp on the tubing is in the OFF/CLOSED position.



**If any of the above is incorrect or missing, do not use the pump.  
Contact your healthcare provider for further instructions.**



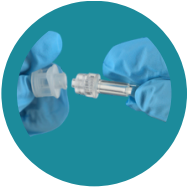
## Connecting Your Device

### Access Site Preparation:

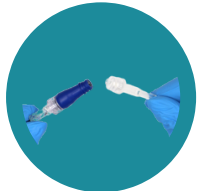


Clean your access site as directed by your healthcare provider.

### Tubing Connection:



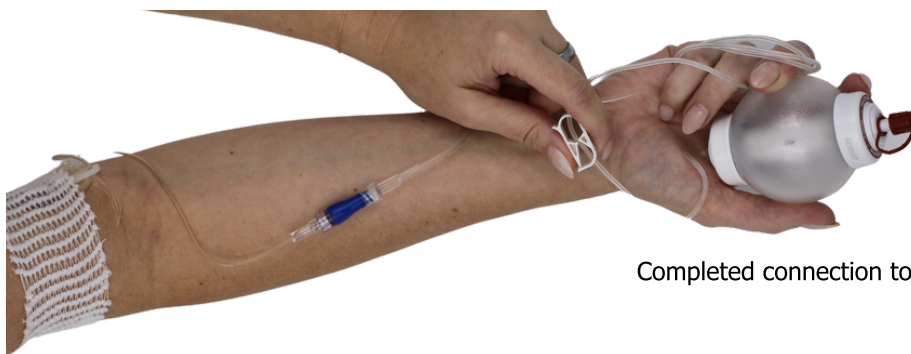
Remove the patient end cap from the luer tip connector of the EZ-FLOW™ tubing, avoiding touching the open end.



Insert the luer tip end into your access site and turn the luer lock clockwise to secure the connection. Do not over-tighten.



Verify the connection to your access site is secure.



Completed connection to EZ-FLOW

**Follow these steps diligently to ensure a safe and effective infusion process. If you encounter any issues or uncertainties, promptly contact your healthcare provider for guidance.**



## Starting Infusion

Once the patient connector is connected (directions can be found on page 7) to your access site, you are ready to begin the infusion (make note of start time).

- Begin infusion by opening the pinch clamp.
- Ensure the pinch clamp remains in the ON/OPEN position and that the tube remains free of kinks.
- If kinks are observed in the tubing, roll between your fingers to release.
- Do not squeeze the pump, the fluid will flow by itself.

### Full Pump



## During Infusion

- Depending on the size of your pump, you may notice a change in look and size of the pump fairly quickly. Note: It may take longer to see this change if the length of your infusion is more than 24 hours.
- Do not squeeze or play with the filled pump. Applied pressure may result in rupture or breakage and will result in increased flow rate.
- During use, place the pump in a carrying case, your pocket, or on a table/bed next to you. Check with your healthcare provider regarding availability of carrying cases.
- Ensure the section of tubing from the filter to the luer tip connector is kept underneath clothing and in contact with the body.
- Do not use while bathing, showering, or swimming.
- Depending on your therapy, you may be using your pump while sleeping. If so:
  - Make sure the pump is placed on a bedside table or on top of the bed covers
  - Do not place the pump underneath the bed covers where the pump may become too warm
  - Do not place the pump on the floor or hang the pump on a bed post

### During Infusion





## End of Infusion

Infusion is complete when the elastomeric membrane is no longer expanded.

- Close the pinch clamp and disconnect from access site.
- Flush access site and dispose of pump and supplies as directed by your healthcare provider.

## End of Infusion



Consult your pharmacist, nurse or physician for the expected infusion duration.

Note: Images used are EZ-FLOW™ standard pumps and are used for visualization purposes only.

## Troubleshooting

If pump does not seem to be working properly, please make sure:

- The pump is at room temperature.
- The pinch clamp is in the open position and moves freely on the tubing.
- All clamps on the catheter are open and filter is not covered.
- There are no kinks in the pump tubing.
- Verify that the fill volume is within the guidelines provided for the device that is being used. Underfilling the pump will cause it to flow faster than the labeled rate. Overfilling the pump will cause it to flow slower than the labeled flow rate.

If you have checked all of the above and your pump still does not seem to be working, please contact your healthcare provider for further instructions.



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