Administration Instructions SMARTeZ™ Infusion Pump

WHAT TO EXPECT

The SMARTeZ™ elastomeric pump infuses medication at a fixed flow rate using pressure from the balloon-like drug reservoir against the fixed diameter taper of the administration tubing. Consult pharmacy label for pump fill volume and infusion duration.

After the pump is filled with medication it will be connected to your access site and the ON/OFF clamp will be opened. Medication will begin infusing and the pump will deflate at the prescribed flow rate.

It is important to leave the SMARTeZ™ elastomeric pump connected to the access site and the clamp in the ON/OPEN position for the prescribed duration of therapy. Consult your pharmacist for the expected infusion time.

PRECAUTIONS

1. Do not immerse the pump in water. Protect the filter from getting wet.
2. Avoid getting alcohol or detergents on the filter which may cause leakage from the filter.
3. Do not sleep on the device.
4. Do not exert pressure or play with filled device and take caution when used with immobilized patients. While the device is durable, forcible pressure may result in an increased flow rate, rupture, or breakage.
5. The pump is designed to operate accurately when worn close to the body. Keep the section of the tubing from the filter to the patient connector, under clothing and in contact with the body.
6. Temperature will affect the flow rate. Higher temperatures result in slightly shorter delivery times, while lower temperatures result in slightly longer delivery times. Avoid prolonged periods of direct heat or cold.
7. Prior to starting infusion, allow the device to reach room temperature (~23 deg C +/- 2 deg C).

Estimated times below:

<table>
<thead>
<tr>
<th>Nominal Fill Volume</th>
<th>Refrigerated Temperature</th>
<th>Estimated Time to Reach Room Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>50ml - 100ml</td>
<td>+2 to +8 deg C</td>
<td>6 hours from refrigerator</td>
</tr>
<tr>
<td>50ml - 100ml</td>
<td>-18 deg C</td>
<td>12 hours from refrigerator</td>
</tr>
<tr>
<td>100ml+</td>
<td>+2 to +8 deg C</td>
<td>12 hours from refrigerator</td>
</tr>
<tr>
<td>100ml+</td>
<td>-18 deg C</td>
<td>18 hours from refrigerator</td>
</tr>
</tbody>
</table>

8. Consult your pharmacist for the expected infusion duration.
PREPARATION

In a clean work area assemble the following supplies per facility policy:

› SMARTeZ® pump
› Alcohol wipe(s)
› Flush syringe(s)

› Wash your hands thoroughly as directed by facility policy.
› Be sure the SMARTeZ® pump includes patient name and that the medication name and dosage are correct.
› Review the expiration date and verify that it has not expired.
› Allow the SMARTeZ® pump to warm to room temperature before use, especially when it has been stored in the refrigerator.
› Check that the clamp on the tubing is in the Off/Closed position.

CONNECTING THE DEVICE

› Clean patient vascular catheter access site as directed by facility policy.
› Remove the patient end cap from the luer tip end of the SMARTeZ® tubing.
› Insert the luer tip end of the tubing into patient access site and turn the luer lock clockwise to secure the connection. Do not over tighten the luer-lock connection.

STARTING INFUSION

› Once the patient connector is connected to the access site, you are ready to begin infusion (make note of start time).
› Begin infusion by opening the ON/OFF clamp.
› Ensure the ON/OFF clamp remains in the ON/OPEN position and that the tubing remains free of kinks.

ENDING INFUSION

› After the prescribed infusion time has elapsed, close the clamp, and disconnect the luer tip from the patient access site.
› Flush the vascular catheter access site as directed by facility policy.
› Dispose of supplies.