What is a medicine ball?

Your medicine ball pumps medicine into your bloodstream. As the medicine enters your blood (infuses), the ball gets smaller. The device delivers the medicine at the rate that your care team ordered. It uses your body heat and the pressure of the balloon pressing inside the medicine ball.

There are different types of medicine balls. They are much alike, but there are some small differences. Your care team will tell you which medicine ball you have and teach you how to use it.

Which medicine ball do I have?

Your medicine ball is:

☐ Eclipse

☐ C-Series*

☐ SMARTeZ*

*For the C-series and SMARTeZ devices, you need to tape the flow restrictor to your skin. The flow restrictor must stay in contact with your skin the entire time to keep the flow rate correct. See the photos for where to find the flow restrictor.

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How do I use my medicine ball?

1. Clean your work area fully (disinfect it) with soap and water, or disinfectant wipes. Let it air dry.

2. Wash your hands for at least 20 seconds. Use liquid, anti-microbial soap or hand sanitizer.

3. Gather these supplies:
   - Alcohol pads
   - Medicine ball. Check the label to make sure it's the correct **drug name, dose and discard date**. The medicine should look clear, without floating particles (specks). If you see particles, use another medicine ball and call M Health Fairview Home Infusion at 612-672-2233.
   - Two (2) pre-filled saline syringes (0.9% sodium chloride)
   - One (1) syringe of heparin or citrate, if ordered
   - Medical tape sent with your delivery (for C-series and SMARTeZ devices)

   If you need help preparing the syringes, see the info sheet in your home folder called “Flushing the Line with Heparin, Saline or Citrate.”

4. Use a fresh alcohol pad to scrub the end cap on your IV line. Scrub for 15 seconds and let it air dry.

5. Take the cap off a syringe of saline solution. Twist the syringe into the end cap of your IV line. If there's a clamp on the line, open it.

6. “Pulse flush” your IV line with the saline, using a push-pause motion. Hold the end cap and twist off the syringe. **Be careful not to remove the end cap on your IV line.**

7. Use a fresh alcohol pad to scrub the end cap on your IV line. Scrub for 15 seconds and let air dry.

8. Twist the protective cover off the tubing that connects to the medicine ball. Don’t let the open end of the tubing touch anything. If it does, start over with a new medicine ball, and call your pharmacy to let them know one ball was wasted.

9. Open the clamp on the medicine ball until the medicine reaches the end of the tubing. Close the clamp.

10. Twist the tubing into the end cap on your IV line until it's secure.

11. Open the clamp on the medicine ball. If you have a clamp on the IV line, make sure it's open, too.

   The label on your medicine will tell you how long your infusion should take. Call us at 612-672-2233 if it's taking longer.

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How do I prepare my medicine ball?

Remove your medicine ball from the refrigerator (fridge). The medicine ball should come to room temperature (about 68° F, or 20° C) to infuse at the correct rate. If the medicine is not at room temperature, it will infuse too slowly. If it's too warm, it will infuse too fast.

Let your medicine ball warm to room temperature naturally. Do NOT microwave it. Do NOT use a heating pad or any other heat source to warm it up faster.
The chart below shows how long it will take for your medicine ball to get to room temperature. (Only 1 chart should be marked to match your medicine ball):

**☐ Eclipse: Remove from fridge _____ hours before infusion.**

<table>
<thead>
<tr>
<th>Fill volume</th>
<th>50 mL</th>
<th>100 mL</th>
<th>250 mL</th>
<th>400 mL</th>
<th>500 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>How long it takes to get to room temperature after removing from fridge</td>
<td>7 hours</td>
<td>8 hours</td>
<td>12 hours</td>
<td>15 hours</td>
<td>18 hours</td>
</tr>
</tbody>
</table>

**☐ C-series: Remove from fridge _____ hours before infusion.**

<table>
<thead>
<tr>
<th>Fill volume</th>
<th>60 mL</th>
<th>100 mL</th>
<th>125 mL</th>
<th>270 mL</th>
<th>300 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>How long it takes to get to room temperature after removing from fridge</td>
<td>7 hours</td>
<td>8 hours</td>
<td>8 hours</td>
<td>12 hours</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

**☐ SMARTeZ: Remove from fridge _____ hours before infusion.**

<table>
<thead>
<tr>
<th>Fill volume</th>
<th>50 mL</th>
<th>100 mL</th>
<th>200 mL</th>
<th>250 mL</th>
<th>400 mL</th>
<th>500 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>How long it takes to get to room temperature after removing from fridge</td>
<td>6 hours</td>
<td>6 hours</td>
<td>12 hours</td>
<td>12 hours</td>
<td>12 hours</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

If you forget to take your medicine ball out of the fridge in time, it is still safe to infuse but it will take longer. **Don’t** change your scheduled dosing times.
What do I do after the infusion?

1. Wash your hands for at least 20 seconds with liquid hand soap and water, or foam hand sanitizer.
2. Close the clamp on the medicine ball.
3. To remove the tubing from your IV line, hold the end cap and twist off the tubing. Always make sure the end cap stays attached to your IV line.
4. Use a fresh alcohol pad to scrub the end cap on your IV line. Scrub for 15 seconds and let air dry.
5. Twist the other saline syringe into the end of your IV line. “Pulse flush” the line until the syringe is empty. Hold the end cap and twist off the syringe.
6. If you were told to use heparin or citrate:
   - Remove the empty saline syringe.
   - Scrub the end cap on your IV line for 15 seconds with a fresh alcohol pad and let it air dry.
   - Twist the syringe of heparin or citrate into the end of your IV line.
   - “Pulse flush” your IV line with the syringe of heparin or citrate.
   - Hold the end cap and twist off the syringe.
7. Clamp your line if you have one.
8. Throw your used supplies in the household trash unless we tell you otherwise.

How do I get ready for my next infusion?

Remove another medicine ball from the refrigerator. See the chart on page 3 for how many hours to leave the ball out before infusing.

For any questions or if you have any problems, please call
M Health Fairview Home Infusion
612-672-2233