Questions and Answers

Priming

• Why is priming important?
Priming fills any empty spaces inside the needle or cartridge with insulin and checks that insulin will flow out of your pen when you inject. You may need to prime once or repeat several times to get the insulin flowing out of the needle. Always prime to be sure insulin is flowing after changing a cartridge and before each injection. If you do not prime until insulin comes out, you could get a wrong insulin dose.

• Why doesn’t insulin come out when I prime the pen?
The needle may be clogged, the cartridge holder may not be completely attached, or the foot of the lead screw may not be against the cartridge plunger. You may not be able to see the foot of the lead screw, but repeating the priming step will move it to the touch the plunger. The foot of the lead screw pushes the cartridge plunger forward, and insulin will come out.

1. Repeat the priming step until insulin flow is seen (see step 7 on reverse side).
2. If there is no insulin flow after several attempts, hold the pen with the needle facing upwards and away from your face. Attach a new needle.
3. Repeat the priming step until insulin flow is seen.
4. If you are still unable to get insulin flowing out of the needle, do not use the pen. Return the pen to your healthcare professional to obtain a replacement pen.

• What should I do if I have an air bubble in the cartridge after I prime?
Hold the pen with the needle facing upwards, tap the insulin cartridge holder gently with your finger so any air bubbles can collect near the top. Repeat the priming step. A small air bubble may remain in the cartridge after the completion of the priming step. If you have properly primed the pen, this small air bubble will not affect your insulin dose.

Loading and Injecting

• How can I check that my cartridge holder is attached properly?
The color stripe on the cartridge holder will line up with the thumbnail shape on the pen body, as shown in step 4.

• Why does insulin come out when I dial backwards?
The injection button may have been accidentally pushed when dialing backwards. To avoid this, do not push the injection button when dialing backwards, and only push the injection button when injecting.

• Why doesn’t the dose knob move forward when the cartridge holder is not attached?
The lead screw will not move forward unless the cartridge holder is completely attached and the lead screw is not moved. Do not attempt to move the dose knob.

• Why doesn’t the lead screw move forward when the cartridge holder tabs are broken?
The lead screw will not move forward and no insulin will be delivered. Do not attempt to move the dose knob.

Frequently Asked Questions

• Why doesn’t the lead screw move forward when the cartridge holder is not attached?
The lead screw will not move forward unless the cartridge holder tabs are broken. Contact your healthcare professional to get a new Humalog® insulin cartridge.

1. If you have any questions or problems with your Humalog® pen, contact Lilly at 1-888-545-5972 or your healthcare professional for assistance.

Introduction

The Humalog® Pen is a pen for giving accurate insulin injections. It is important that you read and understand all of the safety information before giving injections. Keep these directions for future use.

Important Notes

- Always carry a spare insulin delivery device in case your pen is lost or damaged.

- Do not use if any part of your pen appears broken or damaged. Contact Lilly at 1-888-545-5972 or your healthcare professional.

- The Humalog® Pen is not recommended for the blind or visually impaired without the assistance of a sighted individual trained to use it.

- Always store the pen away from moisture, dust, extreme hot or cold temperatures and direct sunlight.

- If you have any questions or problems with your Humalog® Pen, contact Lilly at 1-888-545-5972 or your healthcare professional for a replacement pen.

Insulin

- Your healthcare professional has prescribed the type of insulin best for you. Any changes in insulin should be made only under medical supervision.

- The Humalog® Pen is for use only with Humalog® or Humulin® 3 mL insulin cartridges.

- Do not use other brands of insulin cartridges or 1.5 mL cartridges.

Needles

- Humalog® Pen is suitable for use with Becton, Dickinson and Company insulin pen needles.

- It will be easier to push the injection button if you use a 29 gauge needle.

- Do not share your pen and needles.

- The directions regarding needle handling are not intended to replace local, healthcare professional or institutional policies.

- Use a new needle for each injection.

- Remove the needle after completing each injection. Do not store the pen with the needle attached.

Injecting

- Do not attempt to inject your insulin by turning the dose knob. You will NOT receive your insulin by turning the dose knob.

- Make sure the foot of the lead screw is against the cartridge plunger as shown below.

- The lead screw will not move forward and no insulin will be delivered.

- Do not push the injection button unless a needle is attached to the pen.

- Do not attempt to change the dose while injecting.

Care and Storage

- Keep the pen away from moisture, dust, extreme hot or cold temperatures and direct sunlight.

- Do not damage or remove cartridge holder tabs.

- Do not use if the cartridge holder tabs are broken. Contact your healthcare professional for a replacement pen.

- Do not store the pen in the refrigerator.

- Do not use bleach, imines (sweat), alcohol, or other irritant liquids, since this could damage the pen.

- Wipe the pen cap, pen body and case with a damp cloth to clean it. Do not use alcohol on the pen body or dose window.

- Do not use bleach, imines (sweat), alcohol, or other irritant liquids, since this could damage the pen.

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- Your Humalog® Pen has been designed to be used for up to 3 years after first use.

- Record the date your pen was first used here: _. __/__ /__. Contact your healthcare professional to get a new Humalog® Pen when your pen has been used for 3 years.

For use only with Humalog® or Humulin® 3 mL insulin Cartridges (100 KU/mL). You can dial your dose one unit at a time. If you dial too many units, you can correct the dose without wasting any insulin.

Read this entire manual completely and follow the directions carefully before using the pen. Failure to follow the instructions may result in a wrong insulin dose. If any of the parts of your Humalog® Pen appear broken or damaged, DO NOT USE. Contact Lilly at 1-888-545-5972 or your healthcare professional for a replacement pen.
Operating Instructions – Loading an Insulin Cartridge

1 Remove Cap

Pull cap off. If your pen is new or doesn’t contain an insulin cartridge, go to step 2. If your pen already contains insulin, skip to step 5.

2 Remove Cartridge Holder

Turn cartridge holder and remove from pen body.

3 Insert Insulin Cartridge

Check cartridge to make sure it is not cracked or broken. Insert small end of Humalog® or Humulin® 3 mL insulin cartridge into cartridge holder.

4 Attach Cartridge Holder

Inspect cartridge holder to be sure that the tabs are not broken. Use the cartridge plunger to push the lead screw back. Push straight together and turn the pen and the cartridge holder to lock them together.

Operating Instructions – Preparing and Injecting Insulin

5 Prepare & Inspect Insulin

For cloudy insulin only, roll the pen gently ten times, and inspect for even mixing.

For all insulin types, look through the cartridge holder label, and check that it’s the correct type of insulin. Swab the small rubber seal on the end of the cartridge with alcohol.

6 Attach Needle

Hold needle outer shield and screw needle straight onto cartridge holder.

Pull off needle outer shield. Do not discard. Make sure the cartridge holder is completely attached to the pen body.

7 Prime (Check Insulin Flow)

Before each use, you must prime your pen to check that insulin is flowing out of the needle and to remove air. Dial 2 units. If you dial too many units, you can correct the dose by subtracting from the total.

Next, remove needle outer shield and discard it.

Hold the pen with the needle facing upwards, tap the insulin cartridge holder gently with your finger so any air bubbles can collect near the top. Push the injection button and keep pressing until the flow of insulin stops. You may need to prime once or repeat several times to get the insulin flowing out of the needle.

Caution: If insulin does not appear, repeat the priming step until insulin flow is seen. If you do not prime until insulin comes out, you could get a wrong insulin dose. Refer to the Questions and Answers section on the reverse side of this manual for more information.

8 Dial Your Dose

Turn the dose knob to select your desired dose, which appears in the middle of the dose window. For example, 15 units are shown in the drawing. If you dial too many units, you can correct the dose by dialing backwards without wasting insulin.

9 Insert Needle

Insert needle. Use the injection technique recommended by your healthcare professional.

10 Inject Your Dose

First, place thumb directly on the injection button as shown. Then slowly push straight down until the injection button stops. You must PUSH the injection button for the dose to be delivered.

To be sure you received all of your insulin, continue to hold the injection button down and count to 5 slowly. Then remove needle from skin.

If the dose window does not read 0, you did not receive a full dose. Your cartridge may not have enough insulin for your entire dose. Do not continue to push the injection button because this may damage the pen. You may still see a small amount of insulin left in the cartridge; this is normal. Do not keep pushing the injection button to get insulin out.

The number in the dose window is the amount you did not receive. To get the rest of your dose, remove needle, change insulin cartridge as shown below (Changing Insulin Cartridge), and perform steps 4–12 injecting only the dose amount you did not receive.

11 Remove Needle

Carefully replace the needle outer shield as instructed by your healthcare professional.

Hold cartridge holder and remove the shielded needle by twisting it off and throw it away as directed by your healthcare professional.

12 Replace Cap

Push cap on pen.

Remove needle when your insulin cartridge is empty, turn cartridge holder and remove it from pen body.

Operating Instructions – Changing Insulin Cartridge

13 Slide empty insulin cartridge out by lifting cartridge holder.

Check new cartridge to make sure it is not cracked or broken. Insert small end of Humalog® or Humulin® 3 mL insulin cartridge into cartridge holder. Continue with step 4.