Lilly

Disposable Insulin Delivery Device
User Manual

Instructions for Use

Read and follow these step by step instructions carefully. Failure to follow these instructions carefully may result in an inaccurate insulin dose. Also, read the *Information for the Patient* insert enclosed in your pen box.

Pen Features

- A multiple dose, disposable insulin delivery device ("insulin pen") containing 3 mL (300 units) of U-100 insulin
- Delivers up to 60 units per dose
- Doses can be dialed by single units

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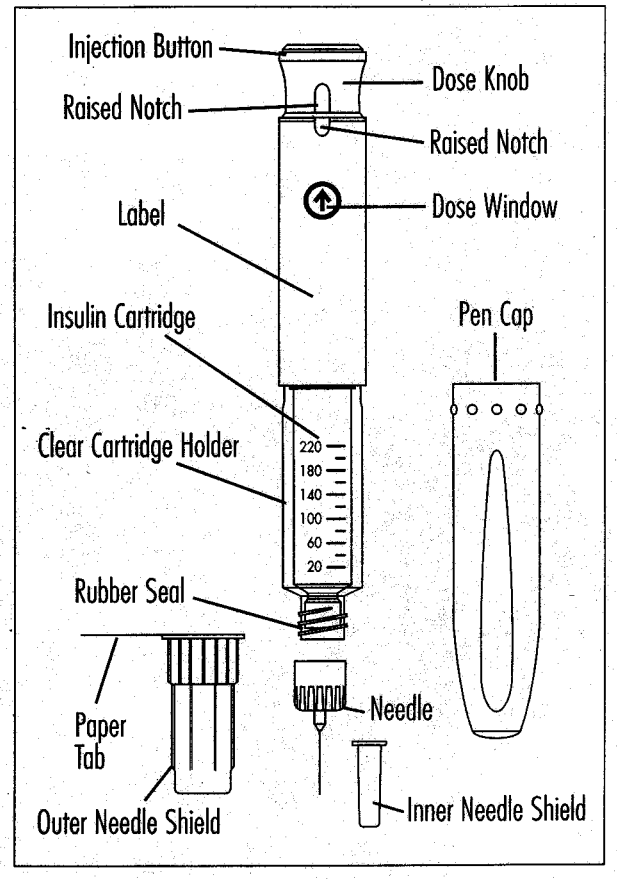
Pen Parts



Important Notes

- **Please read these instructions carefully before using your Pen. Failure to follow these instructions carefully may result in an inaccurate dose.**
- Use a new needle for each injection.
- Be sure a needle is attached to the Pen before priming, setting (dialing) the dose and injecting your insulin.
- The numbers on the clear cartridge holder give an estimate of the amount of insulin remaining in the cartridge. Do not use these numbers for measuring an insulin dose.
- Do not share your Pen.
- Keep your Pen out of the reach of children.
- Pens not being used should be stored in a refrigerator but not in a freezer. Refer to the *Information for the Patient* insert for complete storage instructions.

Important Notes (continued)

- Do not store your Pen with the needle attached. Doing so may allow insulin to leak from the Pen and air bubbles to form in the cartridge. Additionally, with suspension (cloudy) insulins, crystals may clog the needle.
- Always carry an extra Pen in case yours is lost or damaged.
- Dispose of empty Pens as instructed by your Health Care Professional and without the needle attached.
- This Pen is not recommended for use by blind or visually impaired persons without the assistance of a person trained in the proper use of the product.
- **Any changes in insulin should be made cautiously and only under medical supervision.**

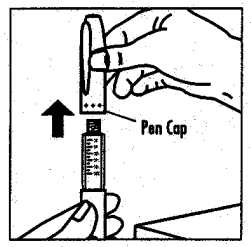
I. Preparing the Pen

1. Before proceeding, refer to the *Information for the Patient* insert for instructions on checking the appearance of your insulin.

2. Check the label on the Pen to be sure the Pen contains the type of insulin that has been prescribed for you.

3. Always wash your hands before preparing your Pen for use.

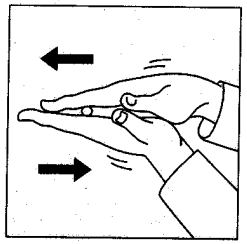
4. Pull the Pen cap to remove.



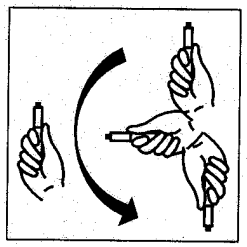
I. Preparing the Pen (Continued)

5. If your insulin is a suspension (cloudy):

   a. Roll the Pen back and forth 10 times then perform step b.

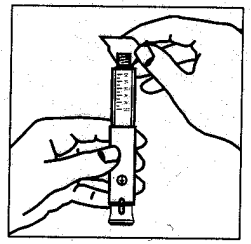


   b. Gently turn the Pen up and down 10 times until the insulin is evenly mixed.



Note: Suspension (cloudy) insulin cartridges contain a small bead to assist in mixing.

6. Use an alcohol swab to wipe the rubber seal on the end of the Pen.

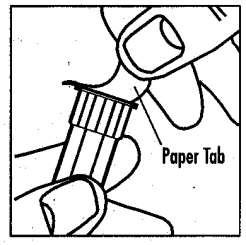


II. Attaching the Needle

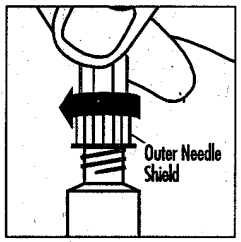
This device is suitable for use with Becton Dickinson and Company's insulin pen needles or their equivalent.

1. **Always use a new needle for each injection. Storing the Pen with the needle attached may allow insulin to leak from the Pen and air bubbles to form in the cartridge.**

2. Remove the paper tab from the outer needle shield.

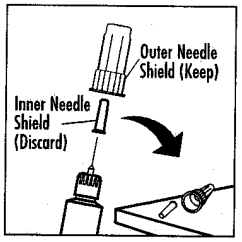


3. Attach the capped needle onto the end of the Pen by turning it clockwise until tight.



II. Attaching the Needle (Continued)

4. Hold the Pen with the needle pointing up and remove the **outer needle shield. Keep it to use during needle removal.**



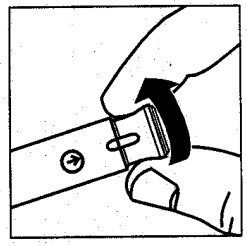
5. **Remove the inner needle shield and discard.**

III. Priming the Pen
(Checking Insulin Flow and Removing Air Bubbles)

- **Always use a new needle for each injection.**

Small air bubbles may collect in the insulin cartridge during normal use. Before each injection, carefully follow these instructions to make sure your Pen is properly primed and ready to deliver your insulin dose.*

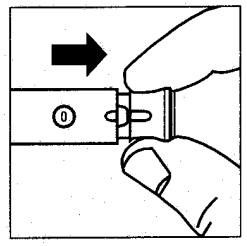
1. You cannot prime your Pen until you can see the arrow (→) in the dose window. If a number or a blank space is in the dose window, push in the injection button completely until a diamond (◆) or arrow (→) is seen. When diamonds (◆) can be seen in the dose window, turn the dose knob clockwise until the arrow (→) is seen and the notches on the Pen and dose knob are in line.



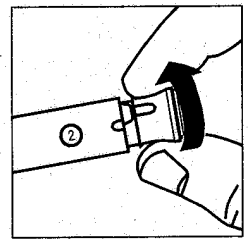
* See Page 16

III. Priming the Pen
(Continued)

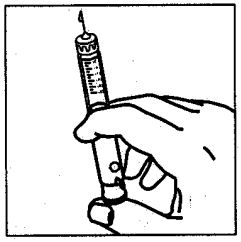
2. With the arrow in the dose window, pull the dose knob out in the direction of the arrow until a "0" is seen in the dose window.



3. Turn the dose knob clockwise until the number "2" is seen in the dose window.

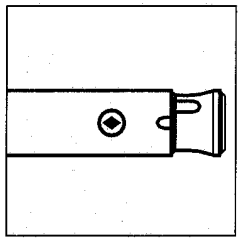


III. Priming the Pen
(Continued)



4. Hold your Pen with the needle pointing up. Tap the clear cartridge holder gently with your finger so any air bubbles collect near the top. Using your thumb, if possible, push in the injection button completely and maintain pressure until the insulin flow stops. You should see either a drop or a stream of insulin come out of the tip of the needle. If insulin does not come out of the tip of the needle, repeat steps 1 through 4. If after several attempts insulin does not come out of the tip of the needle, refer to the "Questions and Answers" section at the end of this manual.

III. Priming the Pen
(Continued)



5. At the completion of the priming step, a diamond (◆) must be seen in the dose window.

Note: 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.

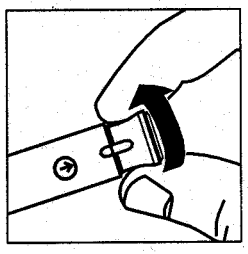
6. Now you are ready to set your dose. See next page.

IV. Setting a Dose

- **Always use a new needle for each injection. Storing the Pen with the needle attached may allow insulin to leak from the Pen and air bubbles to form in the cartridge.**
- **Caution: Do not push in the injection button while setting your dose. Failure to follow these instructions carefully may result in an inaccurate insulin dose.***

1. Pen has been primed and a diamond (◆) can be seen in the dose window.

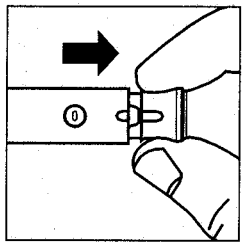
2. Turn the dose knob clockwise until the arrow (→) is seen in the dose window and the notches on the Pen and dose knob are in line.



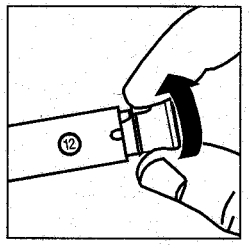
* See Page 16.

IV. Setting a Dose (Continued)

3. With the arrow (→) in the dose window, pull the dose knob out in the direction of the arrow until a "0" is seen in the dose window. A dose cannot be dialed until the dose knob is pulled out.



4. Turn the dose knob clockwise until your dose is seen in the dose window. If the dose you have dialed is too high, simply turn the dose knob backward until the correct dose is seen in the dose window.



5. If you cannot dial a full dose, see the "Questions and Answers" section at the end of this manual.

V. Injecting a Dose

- **Always use a new needle for each injection. Storing the Pen with the needle attached may allow insulin to leak from the Pen and air bubbles to form in the cartridge.**

- **Caution: Do not attempt to change the dose after you begin to push in the injection button. Failure to follow these instructions carefully may result in an inaccurate insulin dose.***

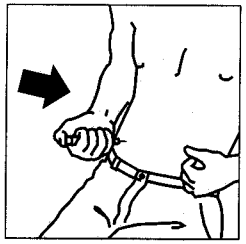
- **The effort needed to push in the injection button may increase while you are injecting your insulin dose. If you cannot completely push in the injection button, refer to the "Questions and Answers" section at the end of this manual.**

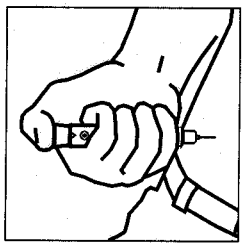
* If you have set (dialed) a dose and pushed in the injection button without the needle attached or if no insulin comes out of the needle, see the "Questions and Answers" section.

V. Injecting a Dose (Continued)

1. Wash hands. Prepare the skin and use the injection technique recommended by your Health Care Professional.

2. Inject the insulin by using your thumb, if possible, to completely push in the injection button. When the injection button has been completely pushed in **(a diamond (◆) or arrow (→) must be seen in the dose window to indicate that the injection button has been completely pushed in)**, continue to hold it down and count **slowly** to 5. Remove the needle from the skin when you have finished counting.

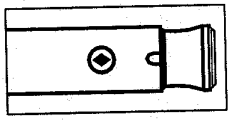




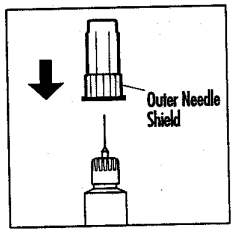
VI. Following an Injection

Do not store or dispose of the Pen with a needle attached. Storing the Pen with the needle attached may allow insulin to leak from the Pen and air bubbles to form in the cartridge.

1. Check that the injection button has been completely pushed in and you can see a diamond (◆) or arrow (→) in the dose window. If a diamond (◆) or arrow (→) cannot be seen in the dose window, your full dose has not been delivered. Contact your Health Care Professional immediately for additional instructions.

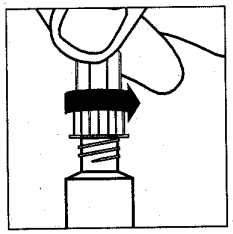


2. Carefully replace the **outer needle shield**.

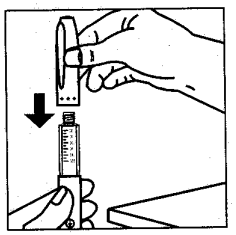


VI. Following an Injection (Continued)

3. Remove the capped needle by turning it counterclockwise and dispose of it as directed by your Health Care Professional.



4. Replace the cap on the Pen.



5. The Pen that you are currently using should be kept at a temperature below 86°F (30°C) and away from heat and light. It should be discarded according to the time specified in the *Information for the Patient* insert, even if it still contains insulin.

Questions and Answers

Problem	Action
Dose dialed and injection button pushed in without a needle attached.	To obtain an accurate dose you must: 1) Attach a new needle 2) Push in the injection button completely (even if a "0" is seen in the window) until a diamond (◆) or arrow (→) is seen in the dose window. 3) Prime the Pen.
Insulin does not come out of the needle.	To obtain an accurate dose you must: 1) Attach a new needle 2) Push in the injection button completely (even if a "0" is seen in the window) until a diamond (◆) or arrow (→) is seen in the dose window. 3) Prime the Pen.

Questions and Answers (Continued)

Problem	Action
Wrong dose (too high or too low) dialed.	If you have not pushed in the injection button, simply turn the dose knob backward or forward to correct the dose.
Not sure how much insulin remains in the cartridge.	Hold the Pen with the needle end pointing down. The scale (20 units between marks) on the clear cartridge holder shows an estimate of the number of units remaining. **These numbers should not be used for measuring an insulin dose.**

Questions and Answers
(Continued)

Problem	Action
Full dose cannot be dialed.	The Pen will not allow you to dial a dose greater than the number of insulin units remaining in the cartridge. For example, if you need 31 units and only 25 units remain in the Pen you will not be able to dial past 25. Do not attempt to dial past this point. (The insulin that remains is unusable and not part of the 300 units.) If a partial dose remains in the Pen you may either: 1) Give the partial dose and then give the remaining dose using a new Pen, or 2) Give the full dose with a new Pen.
A small amount of insulin remains in the cartridge but a dose cannot be dialed.	The Pen design prevents the cartridge from being completely emptied. The Pen has delivered 300 units of usable insulin.

Questions and Answers
(Continued)

Problem	Action
Cannot completely push in the injection button when priming the Pen or injecting a dose.	1) Needle is not attached or is clogged. a. Attach a new needle b. Push in the injection button completely (even if a "0" is seen in the window) until a diamond (◆) or arrow (→) is seen in the dose window. c. Prime the Pen 2) If you are sure insulin is coming out of the needle, push in the injection button more slowly to reduce the effort needed and maintain a constant pressure until the injection button is completely pushed in.

For additional information call,
1-888-88-LILLY

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F-67640 Fegersheim, France
for Eli Lilly and Company
Indianapolis, IN 46285, USA

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