

AUTOMATIC SOMATROPIN PEN INJECTOR

Eqpen 5

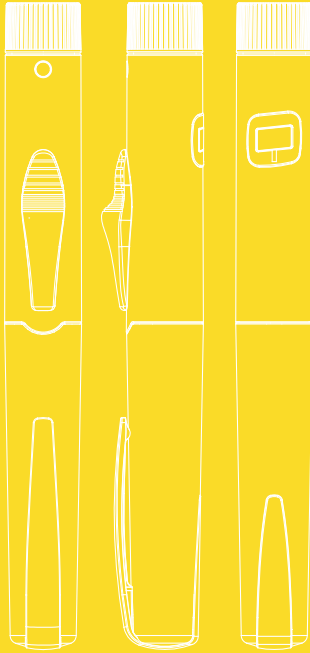
USER'S MANUAL

Eqpen 5



CE  
0197

*Nemera*



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## **1** before the first use






Before the first use of Eqpen 5 pen injector carefully read ALL instructions included in this user's manual.

Eqpen 5 is a reusable, intuitive automatic somatropin injector. It provides you or your child with a precise, safe and effortless way to administer somatropin doses recommended by the doctor, in the range of:

- from 0.1 to 6.0 units, with incremental dose of 0.1 units;

- from 0.033 to 2 mg, with incremental dose of 0.033 mg. (The scale shows rounded values to two decimal places.  $0.03 = 0.033$  mg)

### **Indication for use:**

-  Eqpen 5 is recommended for use exclusively with somatropin 1,5 ml cartridges according to ISO 11608-3.
-  Use Eqpen 5 only in doses recommended by your doctor.
-  Eqpen 5 is recommended for use with disposable needles: BD 31G (5 mm), BD 32G (4 mm) and BD 31G (8 mm) according to ISO 11608-2.
-  Use a new needle for each injection to ensure sterility, prevent infections or leakage of somatropin and reduce the risk of needle clogging.
-  Eqpen 5 is intended for use by one person only and should not be shared with others.

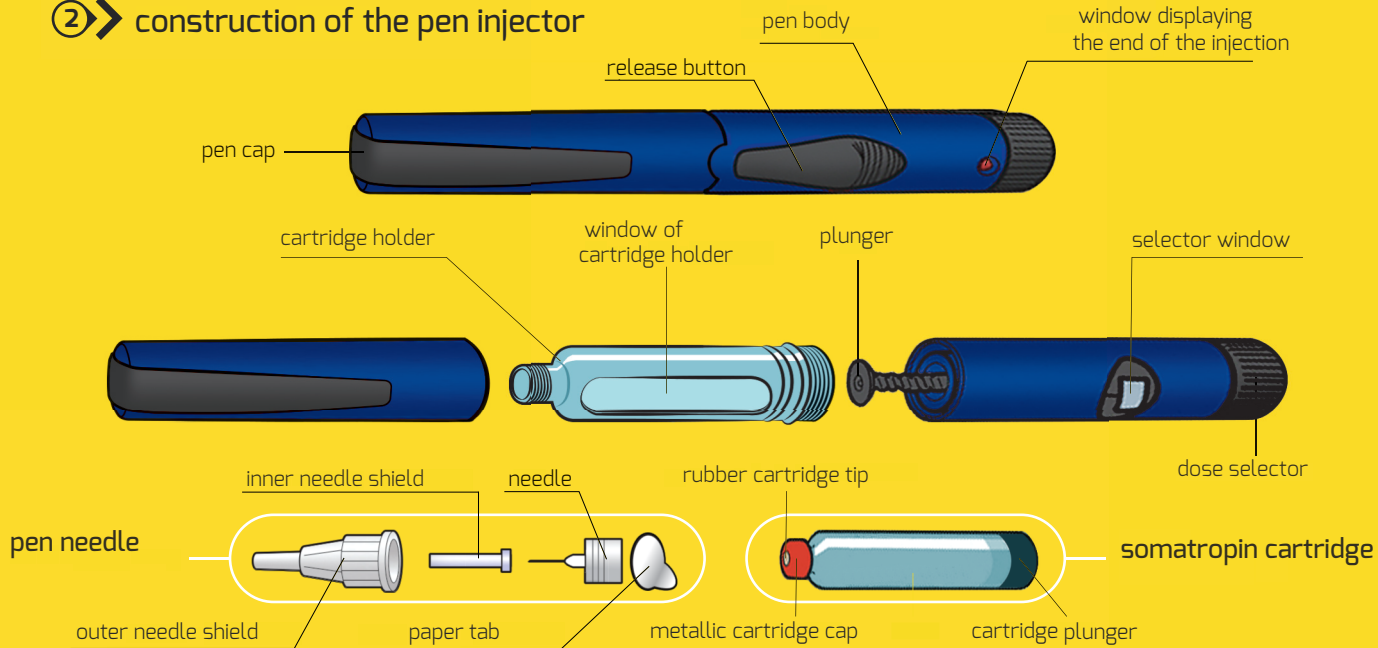


## before the first use

### **Contraindication for use:**

- Do not use Eqpen 5, if it is not working properly, or any of its parts look damaged.
- Using Eqpen 5 without somatropin cartridge may cause defective operation
- Eqpen 5 is not recommended for self-administration of somatropin by people who are blind, visually impaired, with severely limited motor skills or children without the assistance of a third party, trained in its use.
- Do not try to repair your Eqpen 5, manipulate in it or pull it apart
- If no doubt, contact the manufacturer or distributor
- Damaged or outside the period of use specified by the manufacturer Eqpen 5 should be disposed according to the instruction of your doctor / healthcare provider / pharmacist / or local regulations.

## ② construction of the pen injector

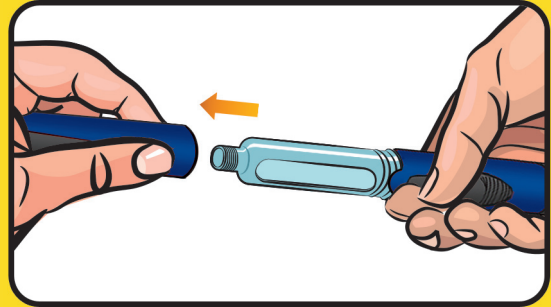


### ③ ➤ installation of cartridge and pen needle

Wash your hands with soap thoroughly, and make sure that you have the following items:

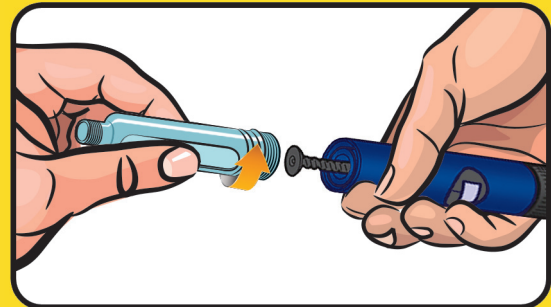
- Eqpen 5 pen injector
- somatropin cartridge
- new disposable pen needle
- two alcohol swabs

New somatropin cartridge or Eqpen 5 with cartridge attached should be taken out of the refrigerator 30 minutes prior the planned injection.



#### Step 1

Pull off the cap



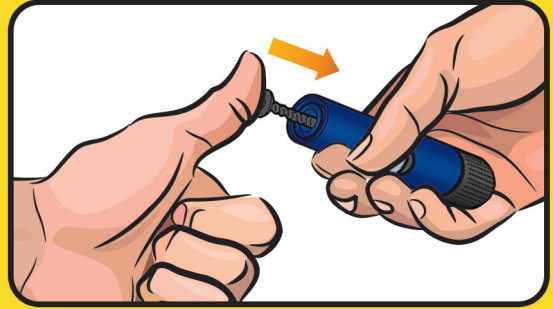
#### Step 2

Unscrew the cartridge holder from the pen body by turning it according to the direction shown on the drawing.

### ③ ➤ installation of cartridge and pen needle

Step 3

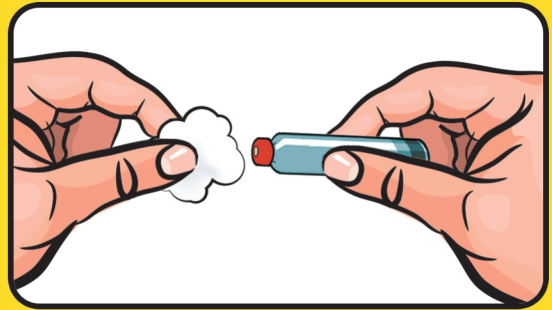
Press the plunger into the pen body.



Step 4

Check the somatropin cartridge.  
Make sure that it is not cracked or broken, the somatropin solution is clear and transparent and check the medicine expiration date.

Wipe the somatropin rubber cartridge tip with the swab.



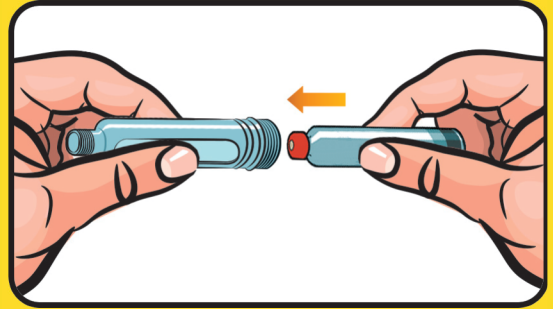
Do not use the somatropin if cartridge is cracked or **broken** and after the medicine expiration date. Do not manipulate in pen injector mechanism. This may cause malfunction of pen injector.



### ③ installation of cartridge and pen needle

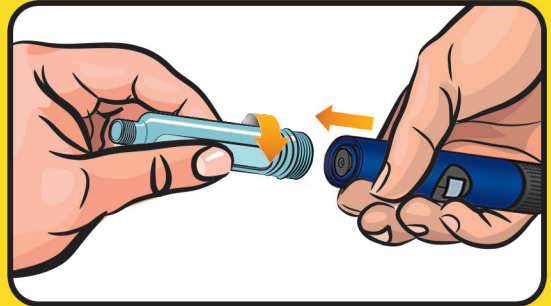
#### Step 5

Insert somatropin cartridge into the cartridge holder, metallic tip to the front.



#### Step 6

Attach the cartridge holder to the pen body by turning it according to direction shown on the drawing, until first resistance is met.





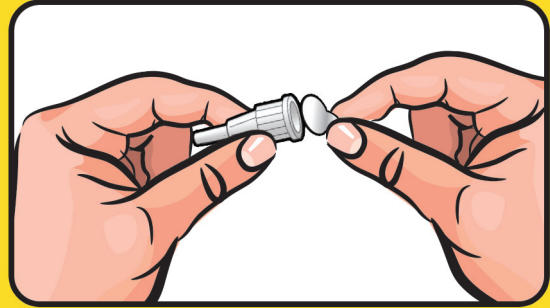
### ③ ➤ installation of cartridge and pen needle

#### Step 7

Take a new sterile needle. Check the needle expiration date and the paper tab on the outer needle shield. Remove the paper tab from the outer needle shield.

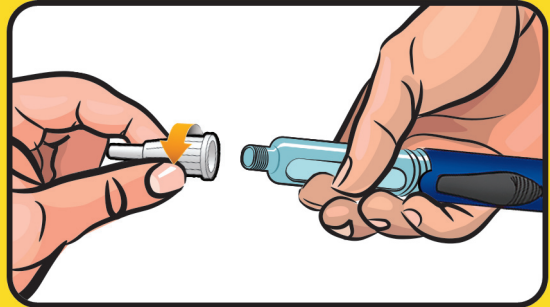


For each injection use a new needle.  
Do not use needles if the paper cover is damaged.  
Reuse of the same needle or needle with a damaged unit pack (paper cover) is not in line with epidemiological recommendations.



#### Step 8

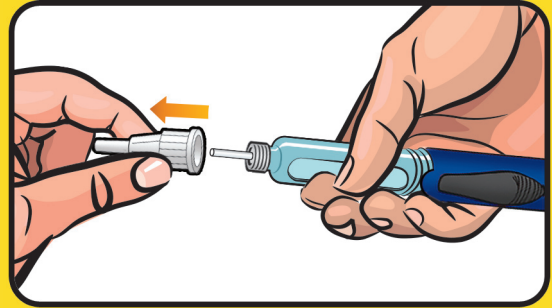
Hold the pen injector by the cartridge holder. Attach the outer needle shield to the cartridge holder until first resistance is met, according to the direction shown on the drawing.



### ③ installation of cartridge and pen needle

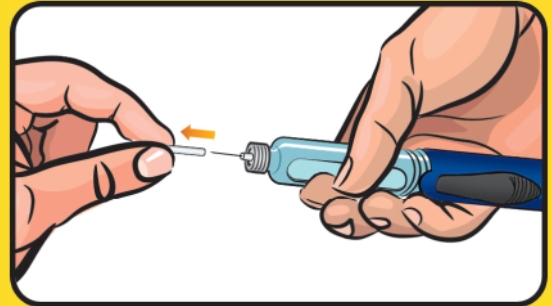
#### Step 9

Remove the outer needle shield. Retain it for removal of the needle after the completion of the injection process.



#### Step 10

Remove the inner needle shield as recommended by the manufacturer.



To minimise the risk of unintended needle penetration and transmission of infectious diseases, never reuse the inner needle shield once removed. If by accident you puncture your skin, clean the wounded spot with a skin disinfectant.

## 4 ➤ priming

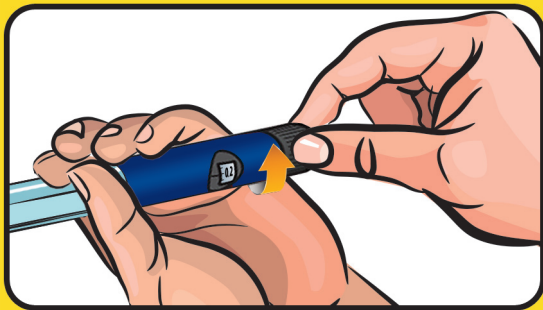
Prime your Eqpen 5 before each injection.

### Step 11

Choose 0.2 units of (or 0.07 mg) somatropin as a test dose.

#### Test dose selecting methods:

1. Turn the dose selector according to the direction shown on the drawing.
2. Turn the dose selector until figure 0.2 (or 0.07 mg) appears in the dose selector window



### Step 12

Hold the pen with the needle pointing upwards. Tap lightly with your finger on the cartridge holder to move any air bubbles in the cartridge to the top of the cartridge. Using your thumb, slide the release button in the needle direction. **Hold the release button until a red dot appears in the window displaying the end of injection.** If a drop of somatropin appears on the tip of the needle the pen injector is ready for use.



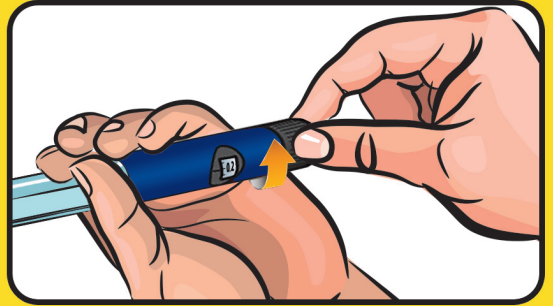
If a drop of somatropin does not appear at the end of the needle, repeat steps 11 and 12. If a drop of somatropin does not appear after several attempts, remove the needle with step 17. Repeat steps 7 through 12, afterwards.

## 5 ➔ injecting a dose

### Step 13

Select a dose of somatropin you want to inject. To do that, turn the dose selector according to the direction shown on the drawing, until the desired figure corresponding to the number of somatropin units appears in the dose selector window.

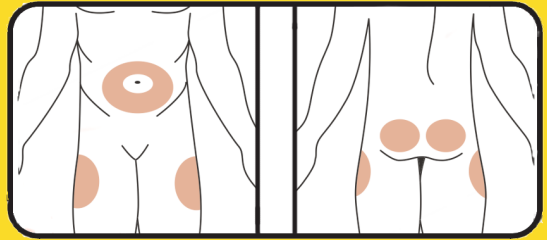
Make sure that dose selector window shows the correct number of doses. If the dialled dose is too high you can correct it by turning the dose selector backwards.



### Step 14

Select the injection site (abdomen, thighs, buttocks) and wipe your skin with an alcohol swab.

Rotate your injection sites daily.



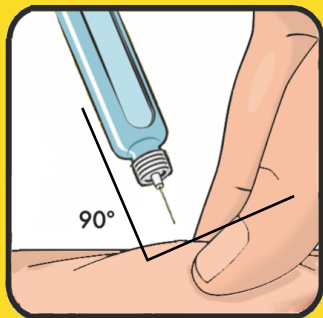
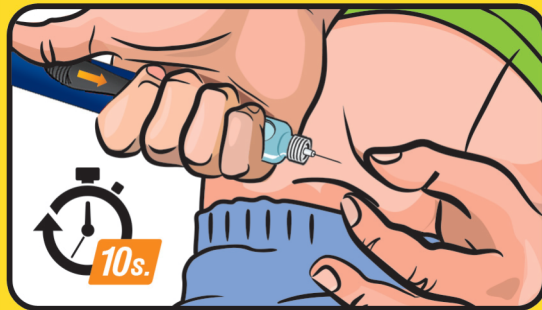
If by accident you inject yourself a dose higher than prescribed, immediately contact your doctor.

## 5 ➤ injecting a dose

### Step 15

Gently hold a fold of the skin and insert the tip of the needle into subcutaneous tissue in a 90 degrees angle.

Using your thumb slide the release button in the needle direction, hold the release button until a red button appears in the window displaying the end of injection. Wait at least 10 seconds, while not removing the needle from the skin.



If the red dot does not appear, it means that there is no somatropin in the cartridge. Note the number of units remaining, as it corresponds to the number of units of somatropin which you must inject to complete the injection. Attach the outer needle shield and remove the needle.

Replace the old cartridge with a new one, accordingly to Section 7 - replacing a cartridge. Prepare the pen injector to use accordingly to the actions described in steps 7 to 10. Perform the priming dose injection.

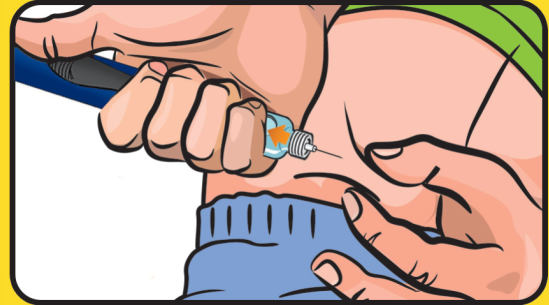
Next, complete the interrupted dose delivery by turning the dose selector according to the direction shown on the drawing until the figure, which you have seen in the selector window, appears. Perform accordingly the actions described in steps 14 to 15.



## ⑤ ➤ injecting a dose

### Step 16

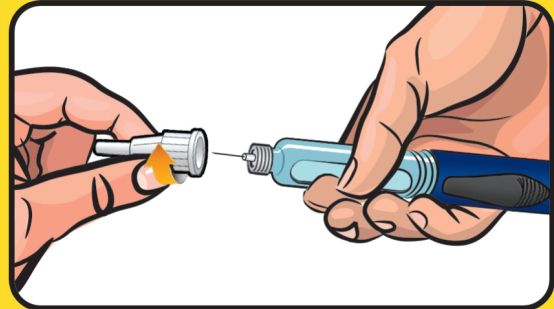
Remove the needle from the skin at the same angle it was inserted into subcutaneous tissue.



## ⑥ ➤ removing a needle

### Step 17

After the injection put the outer needle shield on the needle. Holding the cartridge holder rotate the outer needle shield according to the direction shown on the drawing. Remove the used needle.

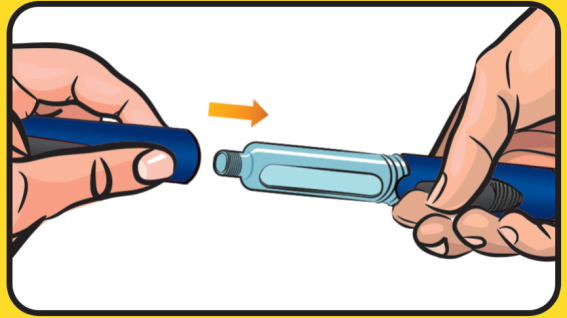


Used needles and empty somatropin cartridges are classified among potentially dangerous waste which can cause microbiological contamination. Keep them out of the reach of children. Dispose needle and cartridge in accordance with information from the manufacturer or local laws.



### Step 18

Put the cap on the pen injector. The somatropin injection has been completed.

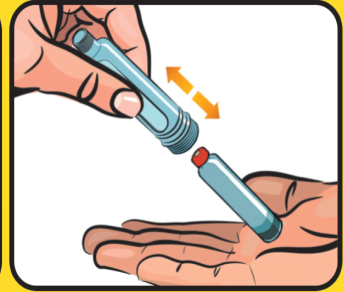
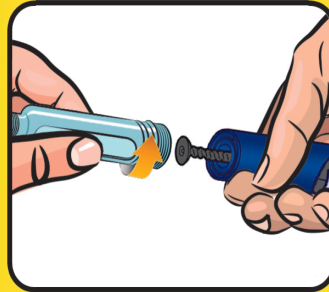


## 7 ➤ replacing an empty cartridge

Remove the cartridge holder from the pen body by turning it according to the direction shown on the drawing. Shake the empty cartridge and remove it in accordance with information provided by the manufacturer of somatropin.



Set the dose selector to "0,0" position by turning it according to the direction shown on the drawing. Follow steps 3 through 6.



## 8 ➤ storage and cleaning

- Always keep your Eqpen 5 and needles out of the reach of other people, especially children.
- Eqpen 5 should always be stored and carried with the pen cap on, without a needle.
- Eqpen 5 with the somatropin cartridge should be refrigerated at +2°C to +8°C.
- Eqpen 5 without the somatropin cartridge, can be stored at -40°C to +70°C. Keep the pen injector far from extreme temperatures, humidity, dust and direct sun exposure.
- Eqpen 5 should be stored in its case.
- Clean your Eqpen 5 daily. Use only a damp cloth for cleaning. Do not immerse the injector into water. Avoid contact the pen injector with alcohol, hydrogen peroxide, disinfectants or lubricants.
- Eqpen 5 should be protected against major physical forces.



Do not  
immerse  
Eqpen 5  
into water.





**Problem:**

The crystallisation of somatropin at the needle tip.



**Possible cause:**

The needle is not replaced daily.

**HOW TO ELIMINATE:**

Use a new needle every day.

**Problem:**

A higher dose was dialled then required.



**Possible cause:**

User error.

**HOW TO ELIMINATE:**

You can correct the dose by turning the dose selector in the opposite direction.

**Problem:**

Cannot attach the cartridge holder onto the pen body.



**Possible cause:**

Incorrectly insert somatropin cartridge.

**HOW TO ELIMINATE:**

Check if the cartridge was properly insert into the cartridge holder (metallic cap first)

Pushed out plunger

Push the plunger back into the pen body.

### **Problem:**

Despite a number of priming procedures a drop of somatropin has not appeared on the end of the needle.



### **Possible cause:**

Incorrectly installed somatropin cartridge

### **HOW TO ELIMINATE:**

Check if the cartridge was properly installed. There should be no space between the plunger and the cartridge.

Clogged pen needle.

Replace the needle with a new one

### **Problem:**

After the injection the red dot did not appear in the the window displaying the end of injection



### **Possible cause:**

There was not enough somatropin in the cartridge to inject the full set dose .

### **HOW TO ELIMINATE:**

Note the number of units remaining, as it corresponds to the number of units of somatropin which you must inject to complete the injection. Attach the outer needle shield and remove the needle. Replace the old cartridge with a new one, accordingly to Section 7. Prepare the pen injector to use accordingly to the actions described in steps 7 to 10. Perform the priming dose injection. complete the interrupted dose delivery by turning the dose selector until the figure, which you have seen in the selector window, appears. Follow steps 14 through 15.

## 10 information from the manufacturer

- ▶ Package contents: Eqpen 5 automatic somatropin pen injector, pen case, user's manual.
- ▶ Eqpen 5 meets the requirements of ISO 11608-1 standard with respect to general requirements dosing accuracy and robustness.
- ▶ Eqpen 5 is intended for use with disposable needles: BD 31G (4 mm), BD 32G (5 mm) and BD 31G (8 mm).
- ▶ Eqpen 5 should be replaced:
  - after 3 years in use
  - when decided by your doctor or
  - in any case where there are doubts as to Eqpen 5 functionality.
- ▶ Eqpen 5 is made of materials safe for the health of patients.

Particular attention should be paid to the information preceded by this sign



**In the events of serious incidents, this should be reported to the manufacturer and to the competent authority.**



**Manufacturer:**

Nemera Szczecin sp. z o.o.  
3 Tytanowa Street  
70 -856 Szczecin, Poland



plszc\_info@nemera.net  
www.nemera.net

**Distributor/Importer:**

EQ5/EN-V8

Date of issue: 06/2024

## legend



Indicates the medical device manufacturer



(red color) Indicates that caution is necessary when operating the device or control close to where the symbol is

placed or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences



Indicates the need for the user to consult the instructions for use



Patient information website

 notes

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## disposal of pen injector

Remember to dispose Your pen injector 3 years after first use. Below note the date of first and last use of Eqpen 5

1<sup>st</sup> use on:

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Throw away after:

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AUTOMATIC SOMATROPIN PEN INJECTOR

# Eqpen 5

INSTRUKCJA UŻYWANIA



Read the instruction carefully before using Eqpen 5. Failure to follow of these instructions may have serious consequences to your health. Using the device in a different way from the process described in this manual is not recommended.