



## Before getting started

### Medication Use & Guidance

Please ensure you are familiar with all the medications and supplies provided. Your healthcare provider may have given you training or reference materials to help you administer your medication correctly. If you have not received specific instructions, we offer a detailed step-by-step guide to assist you.

This resource is designed to help you navigate the process safely and effectively.

If you have additional questions, contact your prescriber, scan to visit our website, or email us at [support@glinpharma.com](mailto:support@glinpharma.com)

**Glin Pharma**

### GLINTROPIN 10 mg/1.5 mL Pre-Filled Pen Containing Solution for Injection.

**ACTIVE INGREDIENTS:** Somatropin 10mg/1.5ml  
1.5 ml of solution contains 10 mg of somatropin.

#### 1. What GLINTROPIN is and what it is used for:

It is a multi-dose, single-use, ready-to-use pen. It is a 1.5 ml ready-to-use, clear and colourless solution for injection. It contains a biosynthetic human growth hormone called somatropin, which is equivalent to the growth hormone naturally produced in the body. Children need growth hormone to help them grow, and adults need it to improve their overall health.

GLINTROPIN is used to replace decreased growth hormone in adults.

GLINTROPIN is used in the following conditions:

- Growth hormone deficiency since childhood
- Tumors affecting growth hormone
- During tumor treatment
- Growth hormone deficiency due to disease
- Other conditions reducing growth hormone production

It is used to complete the growth hormone deficiency in the body.

Growth hormone (GH) also known by names such as growth hormone and somatropin, it is a natural protein produced by the pituitary gland that helps control body growth, glucose and fat use in the body, and promotes growth in children and adolescents.

It is essentially a protein-based hormone that stimulates growth of all tissues.

It helps protect tissues and organs not only during childhood growth but throughout life. Growth hormone, which supports the development of the body's muscle and bone structure, also affects other parts of the metabolism, such as insulin action and blood sugar levels.

The growth hormone is a single-chain polypeptide consisting of 191 amino acids, produced by somatotropic cells.

#### 2. STORING GLINTROPIN:

Keep GLINTROPIN out of the sight and reach of children and in this original packaging. Use according to the expiration date. Do not use GLINTROPIN after the expiration date on the packaging and carton.

##### A. BEFORE OPENING:

Store in the refrigerator (2°C-8°C). Do not freeze. Keep away from the freezer. Do not remove the pen cap to protect from light.

##### B. DURING USE:

Store the pen at room temperature below 30°C or in the refrigerator (2°C-8°C) away from the freezer for up to 6 weeks. Do not freeze GLINTROPIN and do not use it if frozen. Keep the pen cap when not in use to protect from light. Do not use this product if you notice that the solution is not clear and colorless or almost colorless. Don't throw away expired or unused products!

# Subcutaneous Injections

## What is an subcutaneous injection?

Subcutaneous injections deliver medication into the fatty tissue just beneath the skin, commonly in areas such as the abdomen, thigh, or upper arm, for effective absorption.

**Figure 2A** Check the GLINTROPIN pen on the GLIN PHARMA website using the check-in code. Open the cap of the pen and make sure that the solution inside is transparent and clear.

**Figure 2B** Use a new needle tip for each use. Remove the paper tape from the end of the needle. Attach the needle tip to the pen by rotating it.

**Figure 3** Before the first injection into the pen, the flow should be checked. Check the flow of the pen before taking the correct dose and injecting. In the dosage section, select the 0.5 dose, which is one click after 0.0.

**Figure 4** Hold the pen with the needle at the tip pointing upwards. Tap the tip of the pen a few times to remove air and bubbles inside the pen.

**Figure 5** Hold the pen with the needle at the tip pointing upwards. Press the push button at the bottom of the pen until it is fully inserted. A drop of solution will come out of the needle tip. If you see the drop, the pen is ready to use. If you don't see the drop, go back to step C and repeat the same procedure once more.

**Figure 6** Make sure the dosing section is at 0.0. You can apply it by selecting the desired dose in mg. The dosing section can be increased or decreased by turning in two directions. Be careful not to press the push button while doing this. The phrase "0.5" in the dosage section corresponds to 1 unit. For example, if you set the dosage section to 1.0, you will be using 2 units of somatropin. Every 0.5 increase in the dosage section also corresponds to an increase of 1 unit.

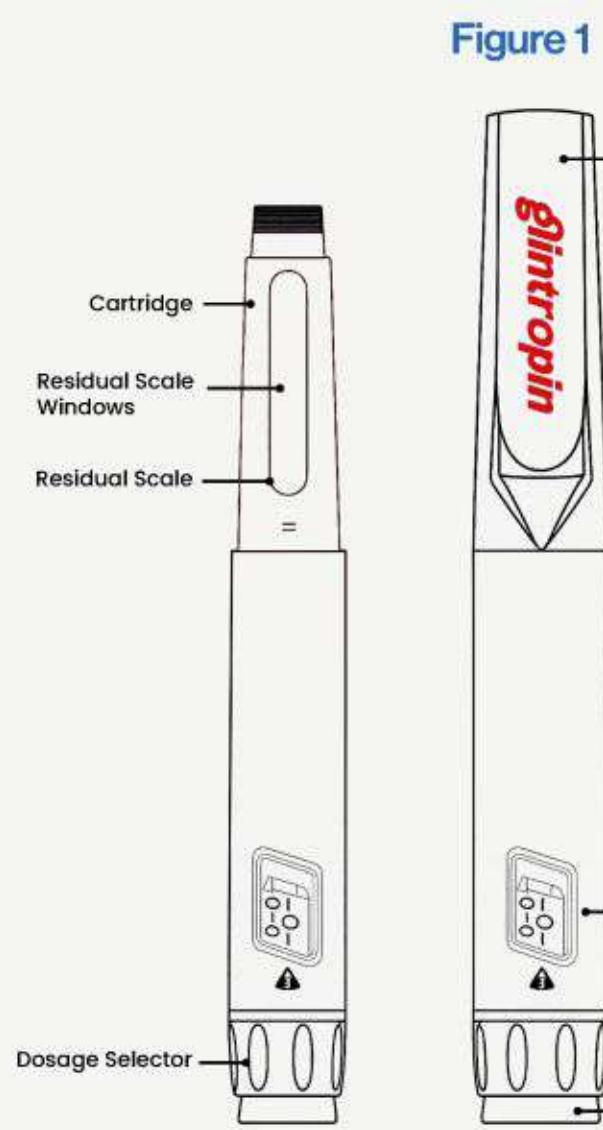


Figure 1

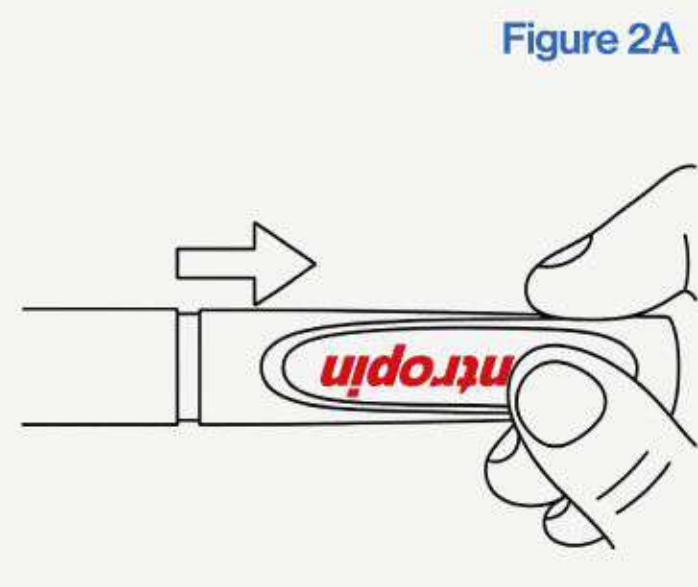


Figure 2A

Figure 2B

Figure 3

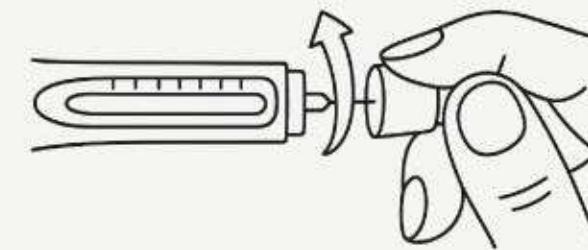


Figure 4

Figure 5

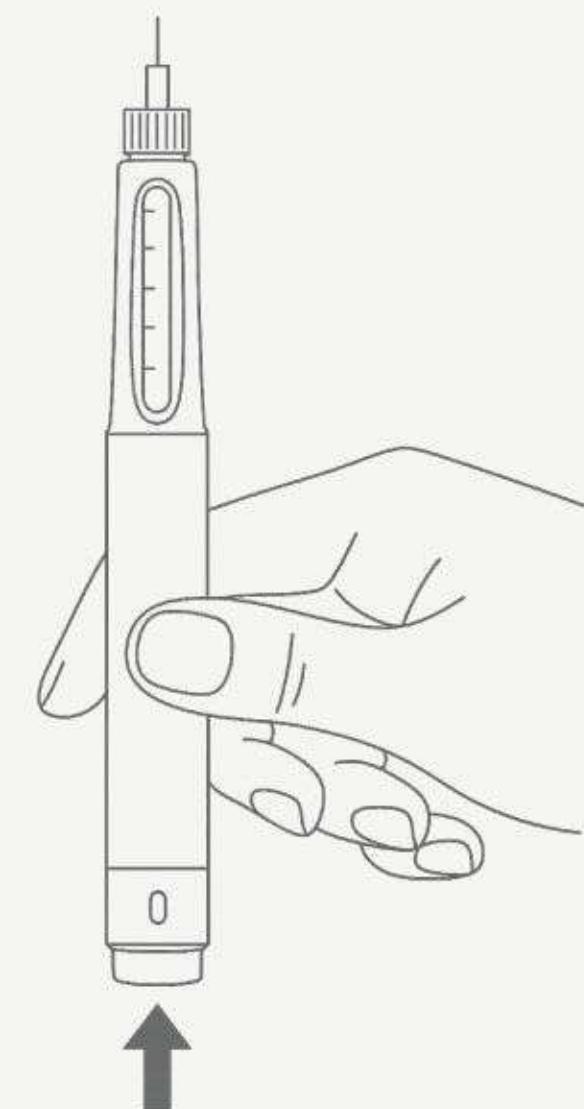
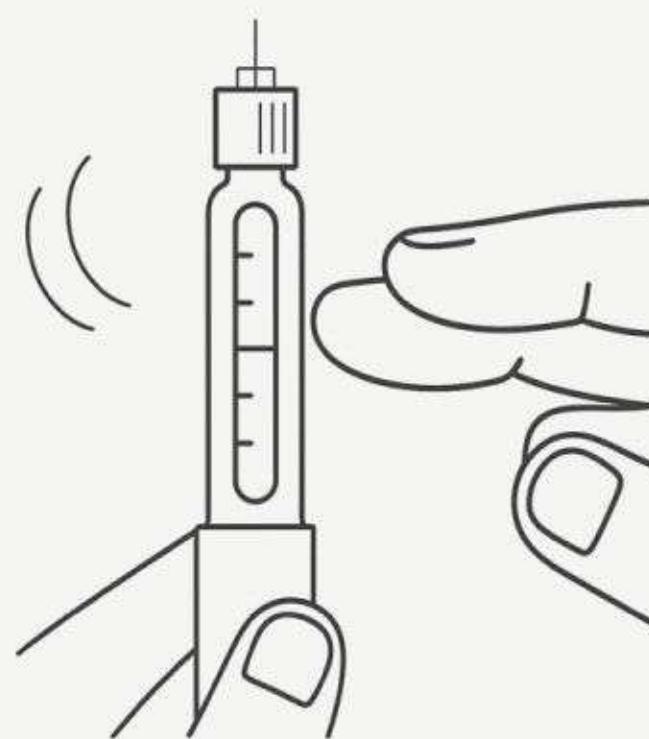


Figure 6

