

Instructions for Use

 **Skytrofa® Auto-Injector** 

For SKYTROFA cartridges

Single-patient use

Watch Video



www.skytrofa.com



- Important Information
- Before You Begin
- Setting Up

- Step-by-Step Guide



- Troubleshooting
- Cleaning and Maintenance
- Charging and Charging Cable
- Storing

- Product Safety
- Expiration
- EMC Compliance Levels
- Technical Specification
- Symbols
- Warranty and Disclaimer
- Parts Overview

Introduction

Intended Purpose and Device Description:

The SKYTROFA Auto-Injector is intended to automate the mixing (reconstitution) and injection under the skin (subcutaneous use) of lonapegsomatropin in patients prescribed one-time weekly growth hormone therapy.

Injections are given under the skin (subcutaneously) one-time weekly in the abdomen, thighs, or buttocks.

The intended users are patients prescribed with SKYTROFA, caregivers, and healthcare providers.

Always use SKYTROFA exactly as your healthcare provider has told you. If you are unsure about your medicine, contact your healthcare provider.

Consult your healthcare provider to be advised to perform self-administration or administration by your caregiver.

The auto-injector is an electromechanical, reusable, single-patient use, and single-dose delivery device designed for personal home use. This means that a patient or caregiver can give injections at home without a healthcare provider present.

A healthcare provider can use the auto-injector in a non-emergency clinical setting to inject a patient or demonstrate device use.

Contraindications and Side Effects


For more information on SKYTROFA contraindications, side effects, disease, self-care, summary of safety, and clinical performance, please refer to the information enclosed with your medicine or contact your healthcare provider.

If you get any side effects, contact your healthcare provider.

**Step-by-step Instructions
for the SKYTROFA Auto-Injector**

Read and follow this Instructions for Use that comes with your auto-injector before you start using it. This information does not replace talking to your healthcare provider about your medical condition or your treatment.

The back cover of this Instructions for Use folds out for reference while you read the rest of the instructions.

If you have any questions about the auto-injector, the medicine, or these instructions, please contact your healthcare provider or Ascendis Pharma Customer Support. For contact information  back cover.



Getting Started

	Page
Important Information	6
Before You Begin	9
Setting Up	12

Important Information

Important information about your SKYTROFA Auto-Injector:


Do not use the SKYTROFA Auto-Injector for the first time until you receive training from a healthcare provider. Follow this Instructions for Use for the auto-injector to avoid getting an injury, infection, or incorrect dose.


The auto-injector can **only** be used with SKYTROFA Cartridges and needles that are prescribed by your healthcare provider. **Cartridges and needles come together in the same packaging.** Follow the instructions that come with SKYTROFA Cartridges. If refrigerated, take the cartridge out of the refrigerator and leave at room temperature for **15** minutes before use.


Do not use your auto-injector with other medicines or needles than provided in the SKYTROFA Cartridge pack.





Your weekly dose may require that you use 2 cartridges.


 When this warning symbol is seen, safety instructions must be followed. Otherwise, serious safety hazardous situations and injuries may occur.


 **Do not** share your auto-injector with other people, even if the needle has been changed. You may give other people a serious infection or get a serious infection from them.


 **Keep out of the reach of children.** This product contains small parts that may present a choking hazard to small children. The cable can present a strangulation hazard.


 **Do not** use any charger or charging cables other than those included with your auto-injector. Read more on page 65.



 **Do not** use or place the auto-injector closer than 12 inches (30 cm) to microwave ovens or electronic equipment with antennas such as Wi-Fi transceivers. The auto-injector might not work the right way.



 When this precaution symbol is seen, safety instructions must be followed. Otherwise, safety hazardous situations and injuries and potential damage to the auto-injector or other property may occur.

 **Do not** reuse needles.

 **Do not** use a cartridge if it has been dropped or you think it may be damaged.

 **Do not** point the auto-injector at yourself or other people, except when you are ready to inject, to avoid needle stick injury.

  If your auto-injector turns off automatically, **press and release** the green button to turn it on again and read page 60 to proceed.

 If the auto-injector packaging has been damaged or unintentionally opened before first using it, please call Ascendis Pharma Customer Support. For contact information  back cover.

Before You Begin

The SKYTROFA Auto-Injector

Your healthcare provider will inform you that the SKYTROFA Auto-Injector, which comes in a separate package, is required for injecting the prescribed the SKYTROFA medicine.

The SKYTROFA Auto-Injector is exclusively for use with SKYTROFA Cartridge (medicine).

The SKYTROFA Auto-Injector automates part of the procedure for injecting SKYTROFA medicine.

The SKYTROFA Cartridge

The medicine SKYTROFA comes in a one-time use cartridge "SKYTROFA Cartridge". The cartridge has 2 chambers, 1 filled with powder and 1 filled with water. The auto-injector automatically mixes the powder and the water during mixing steps, making it ready for injection. Each SKYTROFA Cartridge pack contains 4 cartridges packed in individual blisters.

The Needle

The single-use needle comes with SKYTROFA Cartridges and is used for screwing on the cartridge to inject the medicine. Each SKYTROFA Cartridge pack contains 6 needles including 2 spare needles.

Contact your healthcare provider if you need more SKYTROFA consumables.

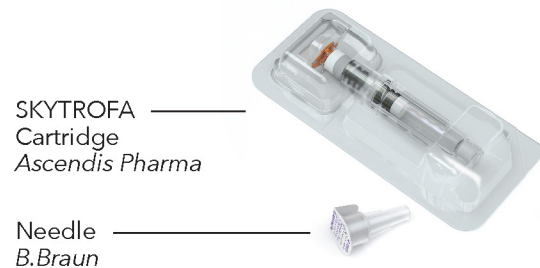


Figure A

Product Overview



Figure B

Setting Up


1. Remove the SKYTROFA Auto-Injector from the package.
 - Use the auto-injector at room temperature between **59°F to 86°F (15°C to 30°C)**.
2. Connect the USB (large end of the cable) to the charger (only use the provided charger). Plug the charger into a power outlet. Connect the Micro-USB (small end of the cable) to the back of the auto-injector. For protection, charge the auto-injector with the protective cover on (see Figure C).
 - For more information on charging  page 65.



Figure C

3. **Fully charge** the auto-injector before using it for the **first time**. This will take **2 hours and 30 minutes**. When the battery icon located at the base of the auto-injector (see Figure D) is flashing orange or green, it is charging. When it shows constant green, the auto-injector is fully charged and is ready to use after the charging cable is unplugged.
 - When fully charged, the battery should last for at least **3** injections.
 - When traveling, bring regional adaptors for the auto-injector charger to connect to the local power outlet.
 - The auto-injector cannot be used when connected to the charger.

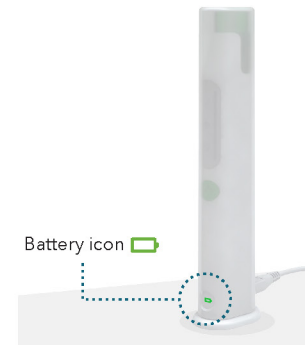


Figure D

4. Find a quiet place where you can perform your injection.
5. Gather your supplies and place them on a flat, hard, clean surface.

Supplies needed for an injection:

From SKYTROFA Auto-Injector packaging

(see Figure B):

- 1 SKYTROFA Auto-Injector

From SKYTROFA Cartridge pack

(see Figure E):

- 1 SKYTROFA Cartridge
- 1 Omnican fine 0.25 mm x 4 mm (31G x 5/32") B. Braun needle

Other supplies (not included)

(see Figure E):

- 1 Alcohol Wipe
- 1 Sharps Container



If your weekly dose requires 2 cartridges, you will need the following additional supplies:

- 1 SKYTROFA Cartridge
- 1 Omnican fine 0.25 mm x 4 mm (31G x 5/32") B. Braun needle
- 1 Alcohol Wipe

Supplies Needed for Each Injection



Figure E

Blank Page



Does Your Weekly Dose Require 2 Cartridges?

Your healthcare provider may prescribe a dose that requires use of the medicine in 2 cartridges.

If you have been prescribed a dose that requires 2 cartridges:

- Take your first injection (Step 1 to Step 11, pages 20–47).
- Then take your second injection by repeating Step 1 to Step 11 with a new cartridge and needle.
- After your second injection, continue to Step 12 (page 48).

Figure F

Blank Page

How to Use

Step-by-Step Guide	Page
Prepare	20
Mix	30
Inject	38
After Injection	44



Prepare

1

Check and assemble cartridge and needle

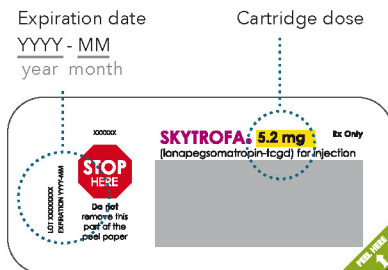


Figure G


- 1.1 Check the expiration date and cartridge dose on the cartridge packaging (see Figure G).

⚠ **Do not** use if the dose is not as prescribed.

Remove the SKYTROFA Cartridge from the packaging according to the instructions on its lid.

If refrigerated, take the cartridge out of the refrigerator and leave at room temperature for **15** minutes before use.

Do not use if the expiration date has passed on the cartridge.

- If you are unsure about your dose, **contact** your healthcare provider.
- If you are unsure about the medicine expiration date, please call Ascendis Pharma Customer Support. For contact information  back cover.

- 1.2 Check the expiration date on the needle. Peel off the paper from the needle by hand (see Figure H).

⚠ **Be careful** with the exposed needle to avoid needle stick injury and infection.

⚠ **Do not** use the needle if:

- The protective paper is broken, not fully sealed, or not removed by hand.
- The expiration date has passed.

⚠ **Do not** use a bent needle.

Expiration date
YYYY - MM - DD
year month day



Figure H

1.3 Screw the needle straight on the cartridge by turning clockwise until there is a **tight fit** (see Figure I and J).

⚠ **Do not** remove the plastic needle cover. You will need it to insert the cartridge into the SKYTROFA Auto-Injector. Check the needle is screwed tight on the cartridge.

⚠ **Do not** use the needle if it has touched anything other than the injection site.



Figure I

Check the needle is screwed tight on the cartridge (see Figure J).



Figure J

Prepare

2

Turn on the auto-injector



Figure K


2.1 Disconnect the auto-injector from the charger when charged.

- The auto-injector cannot be used when connected to the charger.


2.2 Find a quiet place where you can give your injection. Use the auto-injector at room temperature between 59°F to 86°F (15°C to 30°C).

2.3 Remove the protective cover. Place the auto-injector upright on a flat surface.

2.4 **Press and release** the green button to turn on the auto-injector (see Figure K).

- You will hear a humming sound. The battery icon  and the 3 icons above the green button will light up. Then all of the icons will turn off, except the battery icon.

- You will hear 2 loud beeps and the green top will start flashing. The auto-injector is ready for use.
- If the auto-injector is not active for 6 minutes, it will turn off. Press the green button to turn it on again.

2.5 **Check the battery icon** on the base of the auto-injector to see if it is charged. The battery icon  is green when the auto-injector is ready to use:



Constant Green

Battery is fully charged.
The auto-injector is ready to use.




Flashing Green


At least 1 injection remaining, but charging is recommended after use.



Flashing Orange

Battery needs charging.

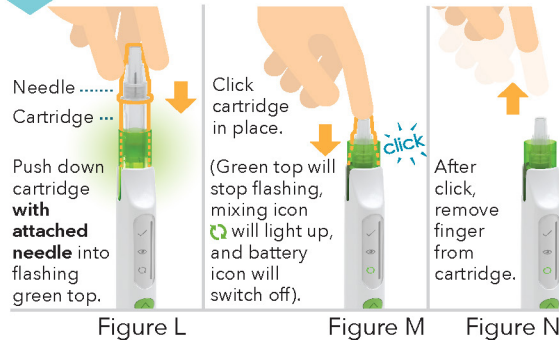
If no icons light up  page 56.

If you see flashing icons (other than the battery)  pages 58–59.

Prepare

3



Insert cartridge with attached needle



3.1 Insert the cartridge.

- ⚠ Insert the cartridge into the flashing green top by pushing straight down with the needle cover still on (see Figure L).

3.2 Click the cartridge into place.

- ⚠ Make sure the cartridge is pushed all the way down until you hear a click (see Figure M).
- You will hear a click, the green top will stop flashing, the green mixing icon  will light up, and the battery icon  will switch off.


- ⚠ **Do not** insert the cartridge without attaching the needle fully. If you did not attach the needle, push the cartridge to release it and continue with Step 1.2 (page 21).

- ⚠ **Do not** attempt to insert the charging cable in the auto-injector if a cartridge has been inserted.


3.3 After the click, remove your finger from the cartridge (see Figure N).

- You will hear a repeating notification sound if the auto-injector is not standing upright. Keep the auto-injector standing upright on a flat surface.

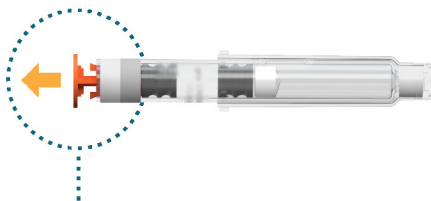


If your auto-injector turns off automatically, press and release the green button to turn it on again, then read Situation A  page 61.




If you see a flashing orange mixing icon  page 58.

If you cannot insert the cartridge, check if an orange plug is still attached to the cartridge. If an orange plug is still attached to the cartridge, remove it by pulling it straight off (see Figure O). The orange plug only protects the cartridge during transportation.



An orange plug may need to be removed from the cartridge.

Figure O

Do not use the auto-injector if you cannot insert the cartridge. Please call Ascendis Pharma Customer Support. For contact information  back cover.

Mix

4

Wait while mixing



Figure P

4.1 Wait 4 to 8 minutes for the auto-injector to mix your medicine. The progress bar will gradually light up, and you will hear steady ticking during mixing (see Figure P).

- Make sure the auto-injector is standing upright on a flat surface. If the auto-injector is not upright, the medicine mixing will pause.



If you see a slowly flashing green mixing icon and the progress bar is frozen ➡ page 54.



If you see a flashing orange mixing icon ➡ page 58.

4.2 The auto-injector has finished the automatic part of the mixing when you hear **2** loud beeps and the entire progress bar flashes.

4.3 Continue with Step 5 (page 32) immediately after automatic mixing is completed.

If you wait for more than **2** hours before completing the steps for mixing the medicine by hand (Step 5), the auto-injector will automatically cancel the procedure.

If this happens, the cartridge will be released and cannot be used. To remove the cartridge, see Step 10 (page 44).

If you still need to inject after the auto-injector has canceled the procedure, go back to Step 1 and use a new cartridge (page 20).



If your auto-injector turns off automatically, press and release the green button to turn it on again, then read Situation B ➡ page 61.

Mix

5

Turn the auto-injector up and down

Turn the auto-injector up and down, **listening** for a tick sound each up and down cycle to make sure the turns are correct.

Turn up and down correctly 5 to 10 times until you hear **2 loud beeps** and the whole progress bar, except the top element, lights up.

Do not press the green button.

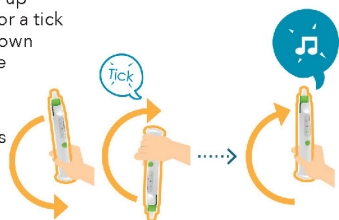


Figure Q

5.1 Turn the auto-injector up and down to mix the medicine by hand. You will hear a 'tick' sound each time you turn the auto-injector up and down correctly. To mix the medicine correctly:

- Each turn up and down should take no more than **2** seconds, followed by a tick sound.
- The auto-injector should point straight down and straight up (see Figure Q).

The progress bar, except the top element, will light up as you turn the auto-injector up and down correctly.

Do not press the green button. Pressing and holding the green button for 8 seconds will cancel mixing, and you cannot reuse the cartridge.

After 5 to 10 correct turns, you will hear **2** loud beeps and the progress bar, except the top element, will light up.



If your auto-injector turns off automatically, press and release the green button to turn it on again. Read Situation B or C to find the corresponding lit-up icons
➡ page 61 and 62.



If you see a flashing orange mixing icon
➡ page 58.

5.2 Continue with Step 6 (page 36) immediately after you finish mixing by hand.

If you wait more than **2** hours before performing Step 6 to Step 9 (pages 36–43), the auto-injector will automatically cancel the procedure. If this happens, the cartridge will be released and cannot be used. To remove the cartridge, see Step 10 (page 44).

- If you still need to inject after the auto-injector has canceled the procedure, go back to Step 1 and use a new cartridge (page 20).

Blank Page



Mix

6

Finish mixing

Keep the auto-injector upright on a flat surface until you hear **2** loud beeps and the entire progress bar lights up.



Figure R

Pull off the needle cover.

Do not twist the needle cover off.

Keep the needle cover for later.


(Eye icon  will light up)



Figure S


- 6.1** **Keep** the auto-injector upright for automatic air removal (see Figure R). Wait until you hear **2** loud beeps and the entire progress bar lights up.



If you see a slowly flashing green mixing icon and the progress bar is frozen
➡ page 54.



If you see a flashing orange mixing icon
➡ page 58.

- 6.2** Pull off the needle cover (see Figure S). The green eye icon  will light up. Removing the needle cover will allow you to check the mixed medicine in the inspection window (Step 7 on page 38).

Do not twist the needle cover off. If you have trouble removing the needle cover, gently pull up the green top.



Keep the needle cover for later use.

It is needed to safely remove the cartridge after injection.



If your auto-injector turns off automatically, press and release the green button to turn it on again. Read Situation D or E to find the corresponding lit-up icons
➡ page 62 and 63.



Inject

7

Check mixed medicine

Medicine is ok to use if it is colorless and clear. It may contain air bubbles. This is normal. Go to Step 8.

Do not use the mixed medicine if it has visible particles. Press the green button for **8** seconds and go to Step 10.



Figure T

7.1 Check the mixed medicine in the inspection window on the side of the auto-injector (see Figure T). The medicine should look colorless and clear. It may contain air bubbles. This is normal.

⚠ Be careful with the exposed needle to avoid needle stick injury and infection.

Do not inject the medicine if there are visible particles (medicine is not dissolved) or the mixed medicine is discolored.

If you see visible particles or the medicine is discolored:

- Cancel the injection procedure by pressing and holding the green button for **8** seconds. This will unlock the cartridge. Go to Step 10 (page 44).
- Get a new cartridge. Follow the instructions beginning at Step 1 (page 20).



If you see a flashing orange mixing icon
➡ page 58.

Inject

8

Prepare for injection

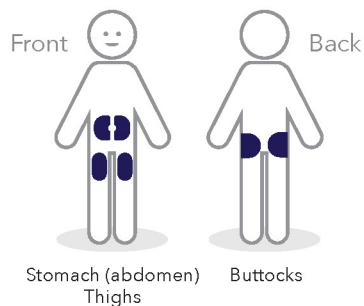


Figure U

8.1 Choose an injection site.

⚠ There are only 3 areas of your body you can inject into (see Figure U):

- Stomach (abdomen)
- Thighs
- Buttocks

Change the injection site for every injection.

8.2 Make sure your hands are clean using soap and water or hand sanitizer (see Figure V).



Figure V

8.3 Clean the injection site with an alcohol wipe (see Figure W).

⚠ **Do not** inject in an injection site that has not been cleaned.

⚠ **Do not** touch the cleaned area before injecting.

⚠ **Do not** fan or blow on the cleaned area.

⚠ Inject directly into skin. **Do not** inject through clothes.



Figure W

9

Press and hold green top against the injection site for **10 to 20** seconds until you hear **2** loud beeps.

(Green top
will flash **2** times
and check
mark icon 
will light up)



Figure X


Remove the auto-injector from skin and wait until you hear **2** loud beeps.




Figure Y

- The medicine is injected automatically when you press the green top against the skin.
- You will hear steady ticking and the progress bar will light up as you inject.

- The medicine is injected automatically when you press the green top against the skin.
- You will hear steady ticking and the progress bar will light up as you inject.


 **Do not** remove the auto-injector from the injection site until the injection is finished to ensure you get your full cartridge dose.

The injection is finished when you hear 2 loud beeps and the green top flashes 2 times. The green check mark  will light up.


9.2 Remove the auto-injector from the skin after the injection is finished (see Figure Y).

- After the injection is finished, the auto-injector makes a buzzing sound as it unlocks the cartridge. Wait until you hear **2** loud beeps, and the green top starts to flash.



If you see a slowly flashing green check mark icon and the progress bar is frozen  page 55.



If you see a flashing orange check mark icon  page 58.

After Injection

10

Remove cartridge

Press down the needle cover into the flashing green top until you **hear** a click to remove the cartridge.

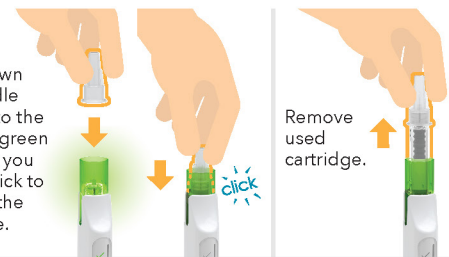


Figure Z

Figure AA

⚠ Be careful when handling needles to reduce the risk of needlestick injury and infection.


10.1 Press down the needle cover into the flashing green top until you **hear** a click to remove the cartridge (see Figure Z).


- You will hear a click and see the green top stop flashing (see Figure Z).

Do not twist the cartridge.

10.2 Remove the used cartridge by pulling straight up (see Figure AA).

⚠ Do not remove the cartridge **without** using the needle cover.

- After you remove the cartridge, the battery icon  will display the battery level. The auto-injector turns off automatically.

⚠ Do not use the auto-injector if you cannot remove the cartridge as instructed. Please call Ascendis Pharma Customer Support. For contact information  back cover.

After Injection

11

Check cartridge and throw away

Check that cartridge is empty.

Put used cartridge and needle in a sharps disposal container.

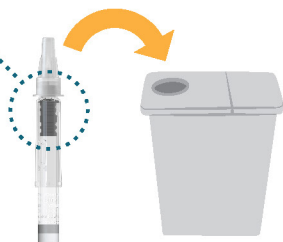



Figure AB

11.1 Check that the cartridge is empty of medicine (see Figure AB).

⚠ Do not use the auto-injector if there is medicine left in the cartridge after injection. Please call Ascendis Pharma Customer Support. For contact information  back cover.

11.2 Put your used cartridge and needle in an FDA-cleared sharps disposal container right away after use (see Figure AB).

⚠ Do not throw away (dispose of) opened or used needles and cartridges in your household trash.

Do not recycle your used sharps disposal container.

If you do not have an FDA-cleared sharps disposal container, you may use a household container that is:

- Made of a heavy-duty plastic
- Can be closed with a tight-fitting, puncture-resistant lid without sharps being able to come out
- Upright and stable during use
- Leak-resistant
- Properly labeled to warn of hazardous waste inside the container

When your sharps disposal container is almost full, you will need to follow your community guidelines for the right way to dispose of your sharps disposal container. There may be state or local laws about how to throw away used needles and syringes. For more information about safe sharps disposal, go to the FDA's website at: <http://www.fda.gov/safesharpsdisposal>.

⚠ Healthcare providers, relatives, and other caregivers should follow this Instructions for Use for removal and throwing away (disposal) of needles to prevent needlestick injury and infection.

After Injection



Does Your Weekly Dose Require 2 Cartridges?

Then take the second injection by repeating Step 1 to Step 11 (pages 20–47) with a new cartridge and needle before continuing to Step 12.

12

Store the auto-injector

Put on the protective cover.

It is recommended to store the auto-injector at room temperature between 59°F to 86°F (15°C to 30°C), to be ready for next use.

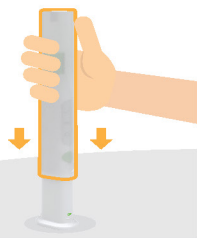


Figure AC

- 12.1** Make sure that the auto-injector is clean. If it is dirty or if medicine has been spilled onto it, **clean with a damp cloth and wait until dry.**

Do not place the auto-injector under water. For more information on cleaning ➡ page 64.

- 12.2** Put the protective cover on the auto-injector by sliding it straight down (see Figure AC).

- 12.3** Charge the auto-injector if the battery icon has been flashing before or after the injection. For more information about how to charge the auto-injector ➡ page 65.

- 12.4** It is recommended to store the auto-injector at room temperature between 59°F to 86°F (15°C to 30°C), in between uses. Store with the protective cover on until the next injection. For more information about how to store the auto-injector ➡ page 66.

- 12.5** Write down the date of every weekly dose taken under Keep Track of Your Injections ➡ back cover fold out.

- When the auto-injector reaches its expiration date, maximum number of injections, or needs replacing, return it to the Ascendis Pharma Customer Support. For more information, see Expiration ➡ page 72.

Blank Page

Troubleshooting and Care

	Page
Troubleshooting	52
Cleaning and Maintenance	64
Charging and Charging Cable ...	65
Storing	66

Troubleshooting

- What do you see?

Green flashing icons

If you see any of these

► pages 54–55.



Green battery icon

If you see any of these

► page 56.



Orange flashing icons

If you see any of these

► pages 58–59.



Orange battery icon

If you see this

► page 57.

If the auto-injector turns off automatically, press and release the green button:

If the auto-injector is not responding with no icons lighting up ► page 56.

If any progress bar elements or icons light up ► page 61–63.

✓ You see slowly flashing **green mixing icon** and the progress bar is frozen.

🔊 You hear a repeating notification sound.

Mixing paused (Step 4 on page 30 or Step 6 on page 36). If the SKYTROFA Auto-Injector is not in an upright position, mixing or air removal will pause (see Figure AD).

Do this: Place the auto-injector in an upright position and the mixing or air removal will continue.

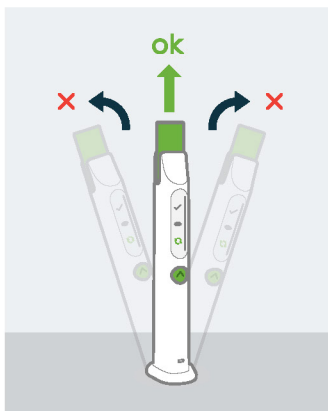


Figure AD

✓ You see a slowly flashing **green check mark icon** and the progress bar is frozen.


🔊 You hear a repeating notification sound.

Injection paused (Step 9 on page 42). If the green top is removed from the skin before completing the injection, the auto-injector will pause the injection (see Figure AE).

Do this: Press the green top against skin and the injection will start again. If the injection is not completed within **15** minutes, the auto-injector automatically cancels the injection.




Figure AE

 You see a flashing **green** battery icon.

Charging recommended. There is enough battery for at least **1** injection.

Do this: Charge the auto-injector after the next injection.

 You see a constant **green** battery icon.



Battery is fully charged. The auto-injector is ready to use (the battery icon turns off while the auto-injector is in use).

Do this: If you are charging the auto-injector, disconnect it from the charger.

You see no icons lighting up at all.

Either the auto-injector has turned off (the auto-injector will turn off if it is not active for **6** minutes without a cartridge loaded or for **3** minutes with a cartridge loaded) **or the battery needs charging.**

Do this: Press the green button to turn it on again.

1. If you see a flashing orange battery icon, the battery needs charging. Read more  page 57.
2. If you see any other icons or the progress bar light up, the auto-injector has timed out and turned off automatically. Read more  page 60.

 You see a flashing **orange** battery icon. You hear a notification sound.

The battery needs charging.

Do this: Charge the auto-injector.

Insert the charging cable into the auto-injector at rear lower side and connect to a power outlet (see Figure AF). When the auto-injector has charged for **15** minutes and the battery icon flashes green, the auto-injector is ready to use for at least 1 injection after the charging cable is unplugged. When the battery icon shows constant green, the auto-injector is fully charged and lasts for at least 3 injections.

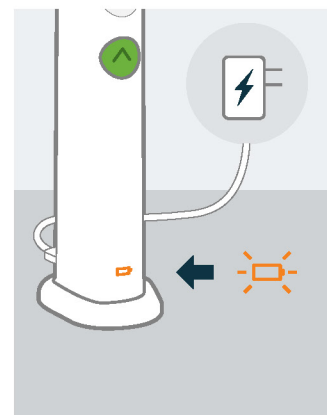


Figure AF



You see a flashing **orange** mixing icon.



You hear an error sound.



Either you have inserted a used cartridge, or you have canceled the mixing, or the auto-injector has canceled the injection, or the cartridge is damaged.

The auto-injector cancels the injection **2** hours after automatic mixing (Step 4, page 30) or **2** hours after manual mixing (Step 5, page 32) is completed.

Do this: Remove the cartridge and wait for the device to turn off. Start again with a new, unused cartridge and make sure to screw on the needle straight and tightly.

Read more ► page 20.



You see a flashing **orange** check mark icon.



You hear an error sound.



Either an injection error has happened (the needle is not screwed on tightly, or it is bent or blocked), or you have canceled the injection, or the auto-injector has canceled an injection that was not completed within 15 minutes.

Do this: Remove the cartridge and wait for the auto-injector to turn off. Start again with a new, unused cartridge and make sure to screw on the needle straight and tightly.

Read more ► page 20.



You see 3 flashing icons **alternating** between **green** and **orange**.

You hear a repeating error sound.

The auto-injector is near its expiration. The first time you see this, either there are 5 injections left or the auto-injector expires in 1 month.

Do this: Press and release the green button to proceed. The green top will start flashing. The auto-injector can be used as usual for the remaining injections. When there are no more injections left or the expiration date has passed, the auto-injector cannot be used. Please contact a healthcare provider or Ascendis Pharma Customer Support to receive a new auto-injector. For Ascendis Pharma contact information ► back cover.



You see 3 flashing **orange** icons.

You hear an error sound.

Either the auto-injector has expired (the maximum number of injections has been reached or the lifetime of 5 years has passed) or a critical error has occurred.

Do this: Try to turn the auto-injector on (press and release the green button). If you still see 3 flashing orange icons, the auto-injector needs to be replaced. For disposal information ► page 73. Please contact a healthcare provider or Ascendis Pharma Customer Support to receive a new auto-injector. For Ascendis Pharma contact information ► back cover.



If you see **no icons** lighting up at all.

Either the auto-injector needs charging or it has timed out and turned off automatically.



Do this: Press and release the green button to turn the auto-injector on again.



1. If you see an orange flashing icon when you press the green button, the battery needs charging.

Do this: Read more ► page 57.



2. The auto-injector might have timed out and turned off automatically. If so, it will light up in one of the five different ways you see on the next pages.

Do this: Read the next pages and find the way your device lights up and blinks.



Situation A

You see a flashing **green mixing icon** and a **progress bar** with the bottom first element lit up. You **hear** a repeating notification sound.

The auto-injector has not completed the automatic medicine mixing.

Do this: Keep the auto-injector standing upright on a flat surface. Go to ► Step 4.1 on page 30.



Situation B

You see a constant **green mixing icon** and a flashing **progress bar**.

The auto-injector has not completed the manual mixing of the medicine.

Do this: Continue to turn the auto-injector up and down to mix the medicine by hand. Go to ► Step 5.1 on page 32.



Situation C

You see
a flashing **green mixing icon**
and a constant **progress bar**
lit up. You **hear** a repeating
notification sound.

The auto-injector has not
automatically removed the air.

Do this: Keep the auto-injector
standing upright on a flat surface.
Go to ► Step 6.1 on page 36.



Situation D

You see
a constant **green mixing icon**
and a constant **progress bar**
lit up.

You have not pulled off the
needle cover within 3 minutes
of completing automatic air
removal.

Do this: Continue to pull off
the needle cover.
Go to ► Step 6.2 on page 37.



Situation E

You see
a constant **green eye icon**.

You have not started to inject
within 3 minutes of pulling off
the needle cover.

Do this: Continue to prepare
and do the injection.
Go to ► Step 7 to Step 9,
pages 38–43.


Cleaning and Maintenance

Cleaning the SKYTROFA Auto-Injector

If the auto-injector is dirty or if medicine has been spilled onto it, **clean with a damp cloth**. Before cleaning, the cartridge must be removed.

The green top needs to be cleaned on the outside and on the reachable part of the inside.



If medicine is spilled inside the auto-injector, turn it upside down to let the medicine run out.

 **Do not** clean the auto-injector while charging. Keep the auto-injector dry.

Do not place the auto-injector in liquid.


Do not sterilize the auto-injector.


Maintenance of the SKYTROFA Auto-Injector


 **Do not** open, try to repair, or change the auto-injector. The battery is not replaceable. Please call Ascendis Pharma Customer Support. For contact information  back cover.


Charging and Charging Cable


Charging the SKYTROFA Auto-Injector


Connect the USB (large end of the cable) to the charger. Plug the charger into a power outlet. Connect the Micro-USB (small end of the cable) to the rear of the auto-injector. For protection, charge the auto-injector with the protective cover on. Read more  pages 12-13.

Only charge the auto-injector when the battery icon is flashing green or orange. Read more  pages 56-57.

 **Do not** use any charger or charging cables other than those included with your auto-injector. Other chargers or cables may create problems and may interfere with device operation.


 **Do not** clean the auto-injector while charging. Keep the auto-injector dry.


 **Do not** insert a cartridge when the auto-injector is connected to the charger.

 **Do not** attempt to insert the charging cable in the auto-injector if a cartridge has been inserted.

Storing

Storing the SKYTROFA Auto-Injector

 **Keep out of the reach of children.**
This product contains small parts that may present a choking hazard to small children. The cable can present a strangulation hazard.

 **Do not** store the auto-injector closer than 12 inches (30 cm) to microwave ovens or electronic equipment with antennas such as Wi-Fi transceivers. The auto-injector may not work the right way.

Remove the cartridge from the auto-injector before storing.

Store with the protective cover on.


It is recommended to store the auto-injector at room temperature between 59°F to 86°F (15°C to 30°C), in between uses. If the auto-injector is stored at higher or lower temperatures, you should keep it at room temperature for 30 minutes before use with a cartridge. The auto-injector can be stored between 14°F to 104°F (-10°C to 40°C) if not in use.


Keep the protective cover on when traveling with the auto-injector.

Keep the auto-injector **away from** dirt, dust, and humid or wet places.

Keep the auto-injector, the charger, and the charging cable **away from** pets and pests.

Avoid refrigerating or freezing the auto-injector in between uses.

 **Avoid** exposing the auto-injector to direct sunlight and extreme temperatures.

For technical details of the conditions under which the auto-injector can be used, stored, and transported  pages 77-79.

Storing the SKYTROFA Cartridge

For information on the SKYTROFA Cartridge storing, see instructions on the cartridge pack and blister.


Blank Page



Product Information


	Page
Product Safety	70
Expiration	72
EMC Compliance Levels	74
Technical Specification	77
Symbols	80
Warranty and Disclaimer	84
Parts Overview	85


Product Safety


Do not use the SKYTROFA Auto-Injector if the SKYTROFA Cartridge cannot be inserted or removed, or if the cartridge was not completely emptied during the last attempted injection.


 **Do not** use the auto-injector if you think it may be damaged.

 **Do not** open, try to repair, or change the auto-injector. The battery is not replaceable. Please call Ascendis Pharma Customer Support. For contact information  back cover.

 **Do not** clean the auto-injector while charging. Keep the auto-injector dry.

 **Do not** use or place the auto-injector closer than 12 inches (30 cm) to microwave ovens or electronic equipment with antennas such as Wi-Fi transceivers. The auto-injector might not work the right way.

 **Do not** use a cartridge if it has been dropped or you think it may be damaged.

 **Do not** expose the auto-injector to extreme temperatures. Keep the auto-injector away from heat and open flames. Keep it out of direct sunlight.

Do not place the auto-injector in liquid.

Do not wash the auto-injector in a dishwasher.

Expiration

The SKYTROFA Auto-Injector has an expiration date (5 years after the manufacturing date) or a maximum of 210 injections, whichever comes first. The expiration date is located at the bottom of the auto-injector and is indicated by year (YYYY), month (MM), and date (DD), printed as YYYY-MM-DD.

When there are 5 injections or less than 1 month left, the auto-injector will indicate this when turned on. Read more ► page 59.

The auto-injector may be used for the remaining 5 injections. After the final injection or after the expiration date, your auto-injector has to be replaced. Please contact a healthcare provider or Ascendis Pharma Customer Support to receive a new auto-injector. For contact information ► back cover.



The auto-injector contains electrical and electronic components, including a non-replaceable battery.

Do not throw away (dispose) in household trash.

When the auto-injector reaches its expiration date, maximum number of injections, or needs replacing, return it to the Ascendis Pharma Customer Support. Contact Ascendis Pharma Customer Support for instructions on how to return properly. For contact information ► back cover.

EMC Compliance Levels

The auto-injector is intended for use in the electromagnetic environment specified below. The user of the auto-injector should ensure that it is used in such an environment.

Electromagnetic Compatibility (EMC) Compliance Levels	Basic EMC Standard
EMC - RF Field radiated emission in 10 m (maximum): a) 30 MHz to 230 MHz: ≤ 30 dB (μV/m) quasi-peak. b) 230 MHz to 1 GHz: ≤ 37 dB (μV/m) quasi-peak. c) Internal source <108 MHz Compliance levels according to CISPR11, Group1, Class B.	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 CISPR 11 / EN 55011 EN ISO 11608-4:2022
EMC - RF Field radiated immunity - Electrical field: a) 10 V/m 80-2700 MHz. 1 kHz 80% AM	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-3 EN ISO 11608-4:2022
EMC - Power Frequency Magnetic field, Immunity: a) 30 A/m	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-3 EN ISO 11608-4:2022

Electromagnetic Compatibility (EMC) Compliance Levels	Basic EMC Standard
EMC - Fast transients and bursts: a) Fast transients and bursts ±2 kV ac mains	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-4 EN ISO 11608-4:2022
EMC - Surge: a) Surge ±1 kV Line-to-Line ac mains	EC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-5 EN ISO 11608-4:2022
EMC - Conducted immunity disturbance by RF fields a) 3 Vrms 150 kHz to 80 MHz (6 Vrms in ISM and amateur radio bands)	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-6 EN ISO 11608-4:2022
EMC - Conducted emission a) 150 kHz-30 MHz 120 V @ 60 Hz Compliance levels according to CISPR11, Group1, Class B.	IEC 60601-1-2 Edition 4.1 EN 60601-1-2:2015/A1:2021 CISPR 11/EN 55011 EN ISO 11608-4:2022
EMC - Voltage dips and interruptions: a) <5% UT for 5 sec b) <5% UT for 0.5 cycles c) 70% UT for 25 cycles d) 40% UT for 5 cycles	IEC 60601-1-2 Edition 4.1/ EN 60601-1-2:2015/A1:2021 IEC 61000-4-11 EN ISO 11608-4:2022

Technical Specification

Electromagnetic Compatibility (EMC) Compliance Levels	Basic EMC Standard
EMC - RF Field Immunity to Proximity fields from Wireless communication equipment, Immunity at 0.3 m separation: a) 27 V/m @ 380-390 MHz b) 28 V/m @ 430-470 MHz c) 9 V/m @ 704-787 MHz d) 28 V/m @ 800-960 MHz e) 28 V/m @ 1700-1990 MHz f) 28 V/m @ 2400-2570 MHz g) 9 V/m @ 5100-5800 MHz	IEC 60601-1-2 Edition 4.1/EN 60601-1-2:2015/A1:2021 IEC 61000-4-39 EN ISO 11608-4:2022
EMC - Immunity to proximity magnetic fields (9 kHz to 13.56 MHz): a) 30 kHz - CW modulation - 8 A/m b) 134.2 kHz - 2.1 kHz pulse modulation - 65 A/m c) 13.56 MHz - 50 kHz pulse modulation - 7.5 A/m	IEC 60601-1-2 Edition 4.1/EN 60601-1-2:2015/A1:2021 IEC 61000-4-39 EN ISO 11608-4:2022
ESD immunity: a) ± 8 kV contact b) $\pm 2, 4, 8$ and 15 kV air	IEC 60601-1-2 Edition 4.1/EN 60601-1-2:2015/A1:2021 IEC 61000-4-2 EN ISO 11608-4:2022

SKYTROFA Auto-Injector	
Lifetime	Expiration date ► page 72.
Serial Number (SN)	Please refer to the bottom side of your auto-injector, marked after SN .
Size	7.09 x 1.46 x 1.06 in (180 x 37 x 27 mm).
Weight	5.29 oz (150 g).
Display	Light-emitting diodes (LED).
Power source	Mains charger: 100 to 240 V AC.
Power supply	1 rechargeable internal Li-ion battery.
Full capacity charging time	2 hours and 30 minutes. Charging time for 1 injection: 15 minutes.
Full capacity	3 weeks with 1 injection per week.
Electromagnetic compatibility	SKYTROFA Auto-Injector meets the requirements of IEC / EN 60601-1-2, 4-th Edition. Using SKYTROFA Auto-Injector in the immediate vicinity of microwave appliances may result in impaired functioning. Use and store SKYTROFA Auto-Injector outside such an environment.
Protection against electric shock	Type BF.
Dose accuracy	SKYTROFA Auto-Injector meets the requirements of ISO 11608-1:2022. Minimum 90% of the volume.
Needle Insertion Depth	Based on needle length of 4 mm.
Ingress protection	IP22: IP2X: Ingress protection of solid foreign objects, ≥ 12.5 mm diameter. IPX2: Ingress protection of water with harmful effects, dripping (15% tilted). Both put together called IP22.

Cable	USB to Micro-USB cable, 1m.
Bluetooth® Version	BLE v5.3 with frequency 2.4 GHz.
Software Bill of Materials	The off-the-shelf software components that are used in the SKYTROFA Auto-Injector can be found on: https://www.phillipsmedisize.com/sbom

Charger

Model	ASSA54a-050100.
Input	100-240V - 50-60Hz.
Output	5.0V $\overline{\text{---}}$ 1.0A.

Use Conditions for SKYTROFA Auto-Injector


Operation temperature (with medicine) and recommended storage temperature in between uses	59°F to 86°F (15°C to 30°C) (marking on device bottom).
Storage & Transportation temperature	14°F to 104°F (-10°C to 40°C) (marking on device cover).
Charging temperature	59°F to 86°F (15°C to 30°C).
Operation humidity	15 to 90% relative humidity, non-condensing.
Storage & Transportation relative humidity	Up to 93% relative humidity, non-condensing.
Atmospheric pressure	10.15 psi to 15.37 psi (700 hPa to 1060 hPa).

Use Conditions for Cartridge with Medicine and Needles

The use conditions provided here are for the SKYTROFA Auto-Injector device. The use conditions for SKYTROFA Cartridges with medicine and needles may be different. To see the use conditions for cartridges with medicine and needles, please see the information provided with your medicine.

Waste











To protect natural resources and to promote material reuse, please separate packaging material from electronic, medicine, and sharp waste and recycle the material through your local recycling system.









Electronic waste: The auto-injector, including battery, must be returned to the manufacturer. Contact Ascendis Pharma Customer Support for instructions on how to return properly  back cover.





Charger and USB cable must be disposed of following local regulations for disposal of electronic waste.


Symbols

These symbols are found on the SKYTROFA Auto-Injector, the packaging, and the Instructions for Use.

	Manufacturer.
	Distributor.
	Unique serial number of SKYTROFA Auto-Injector.
	Model Number.
	Manufacturer catalogue number for identification.
	Manufacturer batch code for identification.
	Medical Device.
	Single patient Multiple use.
	Expiration date.
	Consult Instructions For Use.

	Applied parts SKYTROFA Auto-Injector is a type BF device and provides protection against electrical shock and electrical current leakage. Applied parts on the device are the green top, the housing, and the button.
	Warning! When this warning symbol is seen, safety instructions must be followed. Otherwise, serious safety hazardous situations and injuries may occur.
	Precaution! When this precaution symbol is seen, safety instructions must be followed. Otherwise, minor to moderate safety hazardous situations and injuries and potential damage to the auto-injector or other property may occur.
Rx only	Caution: Federal law restricts this device for sale by or on the order of a physician.
	Operation temperature.
	Storage & Transportation temperature.
	Keep dry.
	If the auto-injector packaging has been damaged or unintentionally opened before the first use, contact customer support  back cover.

	SKYTROFA Auto-Injector contains electrical and electronic components, including a battery that cannot be replaced, and must not be disposed of using standard waste collection.
	SKYTROFA Auto-injector packaging is a non-corrugated fiberboard. Can be disposed of as paper.
	SKYTROFA Auto-Injector has been tested and found to comply with the limits for a Class B digital device, according to part 15 of the FCC Rules.
	Radio transmitter - <i>Bluetooth</i> ® technology @2.4GHz using customized encrypted protocol - ClassB digital device.
	DC (Direct Current).
	<i>Bluetooth</i> ® technology
	Pairing key.

 <p>(01) 12345678901234 (10) B12345678 (17) 123456 (21) 12345678901234</p>	<p>The Unique Device Identifier (UDI) that appears on the carton is shown by a barcode and human readable format:</p> <p>(01) Device Identifier (10) Batch Number (17) Expiry date in YYMMDD format (21) Serial Number</p>
--	--

FCC Class B Notice

It is not allowed to modify the SKYTROFA Auto-Injector. Modifications may void the authority granted to the user by the FCC to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Status Icons



Green Check Mark

Injection successfully completed



Green Eye

Mixed medicine is ready for inspection in window



Green Mixing

Medicine mixing is in progress

➡ Read more about status icons on pages 26-45 (and pages 52-63 for troubleshooting)



Constant Green

- ➡ Battery is fully charged
- ➡ The auto-injector is ready to use



Flashing Green

- ➡ At least 1 injection remaining, but charging recommended after use



Flashing Orange

- ➡ Battery needs charging

➡ Read more about battery status icons on page 25

Parts Overview

Green Top

Starts injection when pressed against skin

Inspection Window

Allows for inspection of mixed medicine

Progress Bar (with six light elements)

Shows progress of mixing and injection

➡ Read more on pages 30-36 and 42-43 (and pages 52-63 for troubleshooting)

Status Icons

Green Button

To turn on the SKYTROFA Auto-Injector or to reject mixed medicine

Needle

To be screwed onto SKYTROFA Cartridge before inserting the cartridge in green top

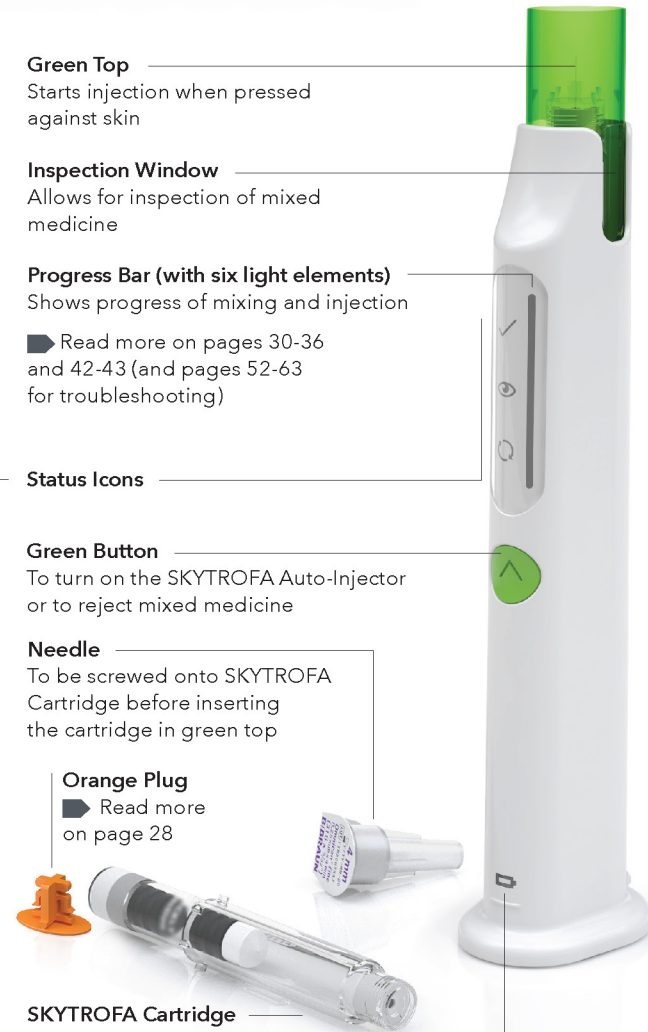
Orange Plug

➡ Read more on page 28

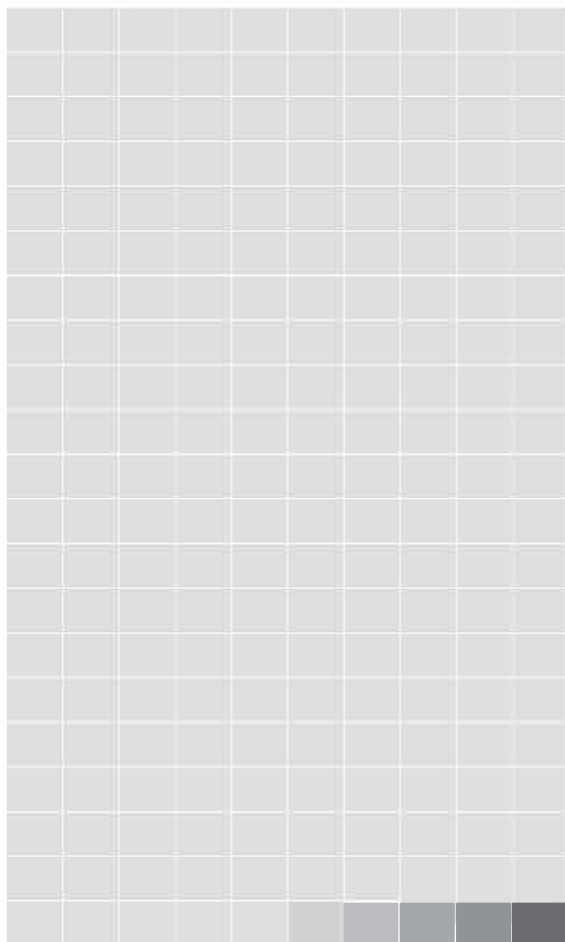
SKYTROFA Cartridge

Contains medicine and water for injection. If refrigerated, leave it at room temperature for 15 minutes before use

Battery Icon



Keep Track of Your Injections

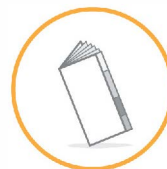


Device expiration

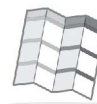
02 2025-07-18 8020100530_07

This is your Instructions for Use

- For quick overview of steps, read your Quick Reference Guide
- For training video, go to www.skytrofa.com



Instructions
for Use



Quick
Reference Guide



www.skytrofa.com

Training
Video

Ascendis Pharma Customer Support



1-844-44ASCENDIS
(1-844-442-7236)

ascendis
pharma

Distributed by:



Ascendis Pharma Endocrinology Inc.
Princeton, NJ 08540
USA



Phillips-Medize A/S
Gimsinglundvej 20
DK-7600 Struer
Denmark

This Instructions for Use has been approved by
the U.S. Food and Drug Administration

Issued: October 2025

US-COMMGHA-2500117