Mallya **USER MANUAL**

How to setup your Mallya^G

1 Wake up and charge Mallya^G

Mallya^G is turned off when it is shipped. You will need to wake it up and make sure it is charged enough before use.

NOTE: You will also need to wake up Mallya^G after it has been reset, because resetting Mallya^G will turn it off.

- 1.1. Connect Mallya^G to the supplied USB cable and connect the cable to a powered USB wall charger (*Figure E*). This will wake up the device.
- 1.2. Let the device charge for at least 10 minutes before use (Figure F).
- 1.3. Unplug Mallya^G from the USB cable (Figure G) and then unplug the wall charger. When you are done, Mallya^G signal light will turn blue indicating that the device is in pairing mode but not yet paired.

2 Attach Mallya^G to your pen

The Mallya^{G®} for pen injector is indicated for the capture

· be assembled with Novo Nordisk® pen injector designed for

· record the amount of dose increments injected by the pen,

• transmit information relating to dose, time, and date of each

record the timestamp (date & time) of each injection,

when the device is connected to it, using Bluetooth®

injection to a mobile app on a smartphone

and wireless transmission of dosing information of

compatible reusable and disposable pen injectors.

Mallya^G attaches over the dose selector and injection button of your pen. To attach, carefully follow these steps.

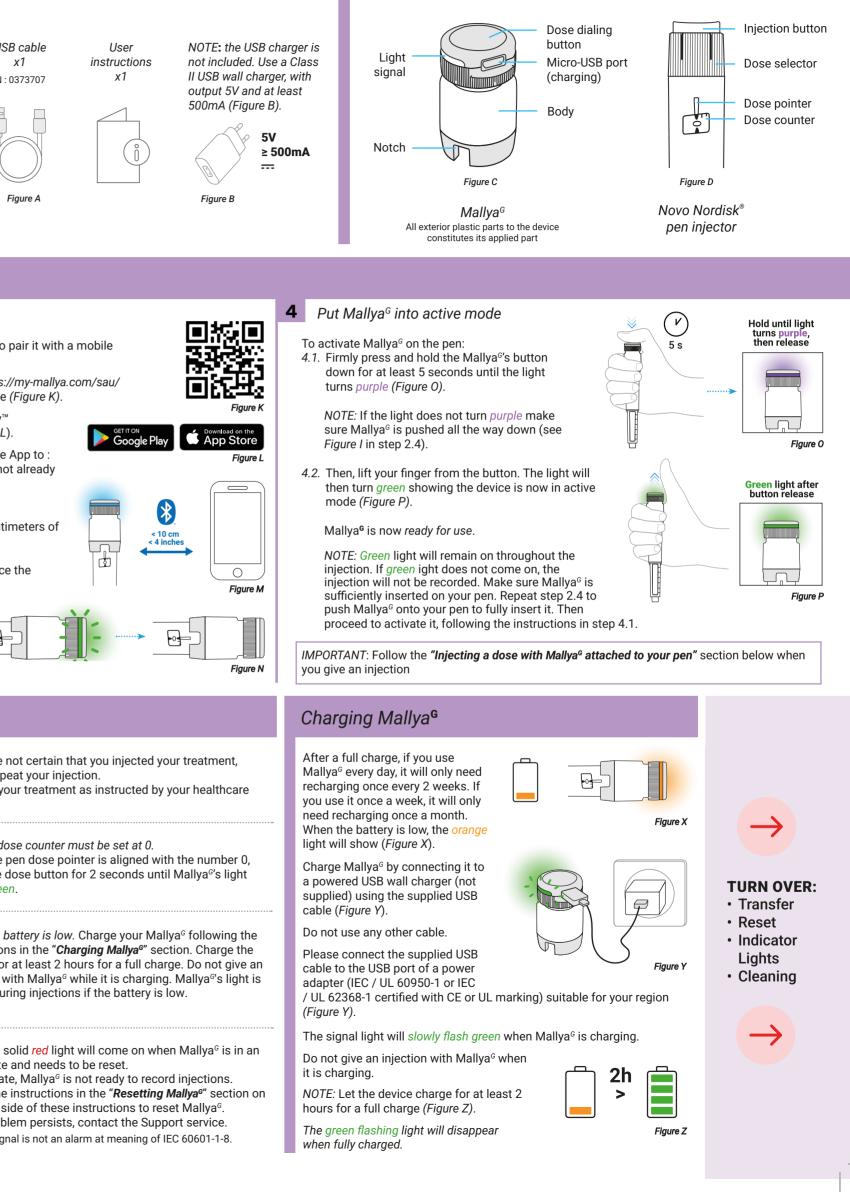
- 2.1. Hold the pen with one hand, keeping the dose button accessible and protect the needle with the pen cap (if already mounted).
- 2.2. With your other hand, hold Mallya^G by the body so your fingers only touch the sides of the device, being careful to not depress the button
- 2.3. Insert Mallya^G on the pen dose button, aligning the notch of Mallva^G with the pen dose counter (Figure H).
- 2.4. Push Mallya^G fully over the pen, pressing the button with the palm of your hand. It must be inserted all the way onto the dose selector (Figure I).
- 2.5. Check that Mallva^G is pushed all the way down on the pen as shown on the picture (Figure J).

Clinical environment

The Mallya^G device for pen injector is intended to be used by patients in the same use environment as their compatible pen injector. There are no known contraindications to the use of Mallya⁶ for these patients.

NOTE: A list of all compatible injection pens is available in the legal manufacturer device technical documentation and on the website at: https://my-mallya.com/sau/growthdisorder





- (Android) or the App Store® (Apple) (Figure L).

Injecting a dose with Mallya^G attached to your pen

Refer to the Instructions for Use of your pen for the flow check and the injection instructions.

NOTE: Safety tests performed to check the flow (priming), will also be automatically detected, and recorded by Mallya^G. Perform the safety test to check the flow as described in the Instructions for Use of your pen injector.

- 1. Before you start selecting the dose, make sure the pen dose counter shows the number 0. The number 0 should line up in front of the pen dose pointer.
- 2. Use the Mallya^G device *black* dose dialing button to select the dose (Figure Q).
- 3. Turn Mallya^G's button to select the dose you need. The selected dose should line up in front of the pen dose pointer. During a dose selection, Mallya^G's light is green (Figure Q).

NOTE: Do not use the transparent body of Mallya^G to select your dose (Figure R).

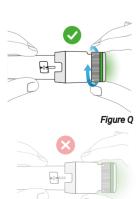


Figure R

IMPORTANT: If the light does not turn green, Mallya^G is not ready and will not record the injection. It needs to be put on active mode before performing an injection. Follow the step 4 in the "How to setup your MallyaG" section above to put the device into active mode

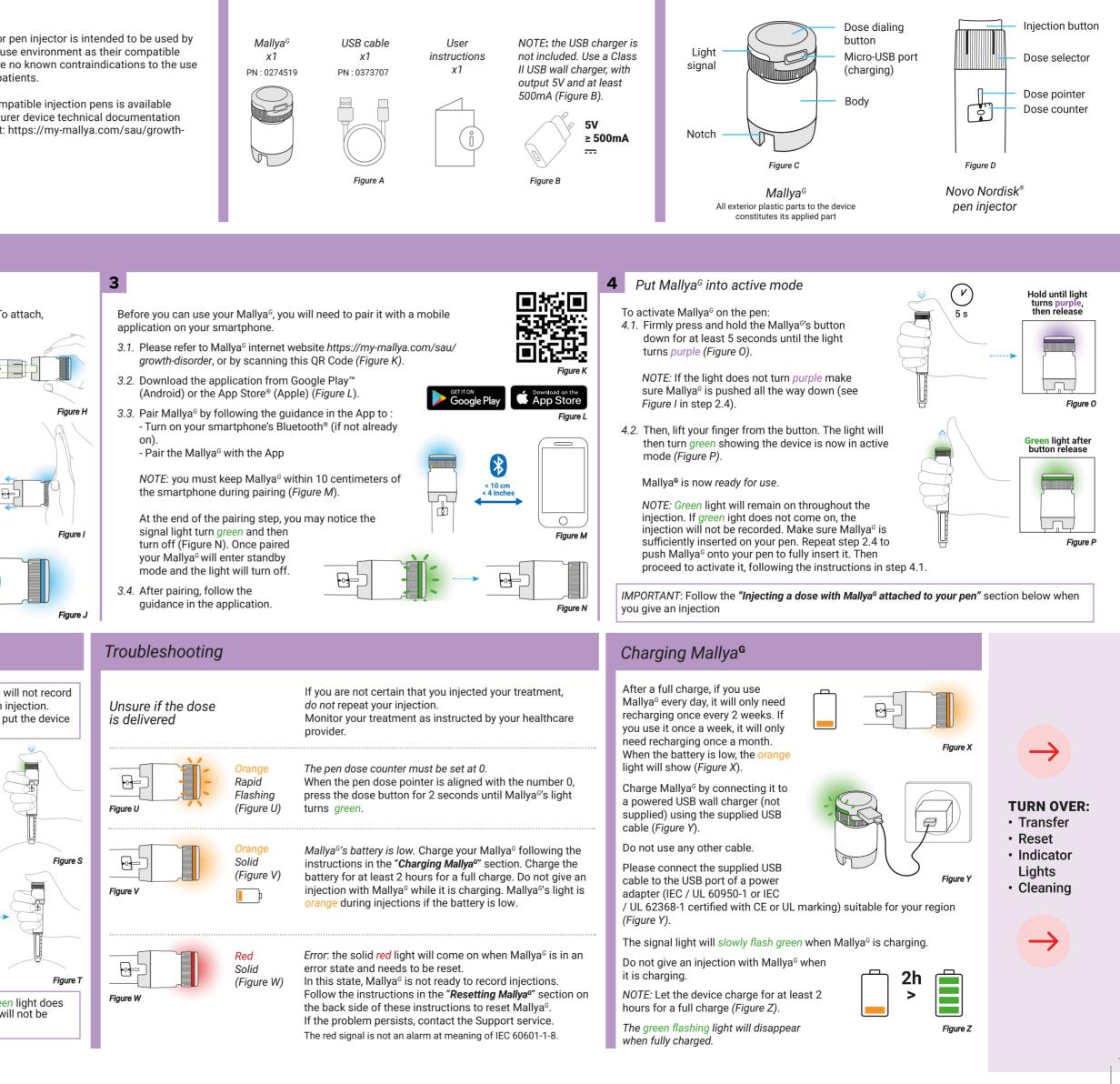
- 4. Perform the injection as described in the Instructions for Use of your pen injector. Press and hold down Mallya^G dose dialing button. Watch
- as the dose counter returns to 0. The 0 must line up with the pen dose pointer During a dose injection, Mallya^G's light is green

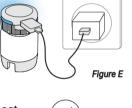
(Figure S).

NOTE: Do not pause during the injection, you may experience harm due to miscalculation of doses.

At the end of injection, keep the pressure on the button and the needle in your skin until the green rapid flashing turns off (6 seconds) (Figure T).

IMPORTANT: Green light will remain on throughout the injection if green light does not come on and is not flashing at the end of injection, the injection will not be recorded.

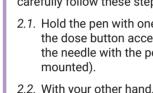


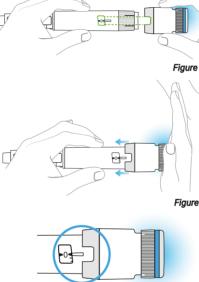


10 min Figure F

Figure G







(V)

Intended use

Indication for use

Device features

technology.

Mallva^G is able to :

growth-disorder treatment,

Package contents

Getting to know Mallya^G and the pen

Transferring Mallya^G to another pen

1 Put Mallva^G into 2 Remove Mallva^G 3 Attach Mallya^G to the new pen 4 Put Mallya^G into active mode standby mode from the pen To activate Mallya^G on the Hold until light (V) to be reset : Before transferring Mallya^G to 3.1. Hold the 2.1. Hold Mallya^G by the turns purple, then release pen 5 s another pen, you must first put Mallya^G by the body so your fingers 4.1. Firmly press and hold the it into standby mode so that only touch the sides body so your Mallya^G button down for solid red transferring the device won't of the device, being fingers only at least 5 seconds, until cause false doses to be logged touch the sides careful to not depress its light turns purple in the application. the button (Figure AB). on the device, Figure AC (Figure AF). being careful to 1.1. Firmly press and hold the 2.2. Pull Mallya^G straight Figure AF 4.2. Then, lift your finger not depress the button Mallva^G button for at least phone off the pen (Figure AB). from the button. The (Figure AC). 5 seconds, until its green light should then turn green, 2.3. Set Mallya^G down Green light after button release light turns *purple* and then showing that Mallya^G is now 3.2. Push Mallya^G fully over upright onto a clean flat turns off. (Figure AA). in active mode (Figure AG). the pen, pressing the surface with the button Hold until liaht button with the palm up turns off Mallva^G is now readv for use of your hand. It must on your new pen. be inserted all the way onto the dose selector Figure AD (Figure AD) NOTE: Green light will remain on Figure AG throughout the injection. If green 3.3. Make sure Mallva^G is light does not come on, the injection will not be recorded. Make Figure A/ properly mounted on sure Mallya^G is sufficiently inserted on your pen. Repeat step 3.2 the pen as shown on 1.2. Then, lift your finger. to push Mallya^G onto your pen to fully insert it. Then proceed to the picture (Figure AE). Figure AE activate it. following the instructions in step 4.1. Mallva^G is deactivated Figure AE

Light signals and meaning

Blue Solid (Figure AL)	Figure AL	Purple Solid (Figure AM) Fi	So So	reen blid igure AN) Figure AN	Green Rapid Flashing (Figure AO)	Figure AO	Green Slow Flashing (Figure AP)	Figure AP	<mark>Orange</mark> Solid (Figure AQ)	Figure AQ	Orange Rapid Flashing (Figure AR)	Figure AR	<mark>Red</mark> Solid (Figure AS)
	ue light will turn ya ^c is ready to be ot paired. <i>ection of the</i> <i>stion,</i> if a <i>blue</i> Mallya ^c is not pur phone and	When changing Mallya ⁶ mod a purple light will turn on aff Mallya ⁶ is put into standby Then a purple light will turn and off followed by a green to show that active mode is turned on (see the "Transfe Mallya ⁶ to another pen" sec and the "How to setup your Mallya ⁶ " section).	ter sol mode. the on ins light Du s of i rring inje tion ligh	rring setup, a green lid light means that e Mallya ^c is properly stalled and paired. rring the selection the dose and the ection, a green solid ht will turn on.	During an injection rapidly flashing gr will turn on when I is sensing the end injection. Keep you on the button until is done flashing to the full dose is del	een light Mallya ^g of an ur finger the light ensure	Mallya ^e is cha paired. The green slow fla: will turn off when t is fully charged. Charge the battery 2 hours for a full cl Do not give an inje Mallya ^e when it is of	shing light he battery for at least harge. ction with	The battery is la orange solid lig come on if the batt Charge Mallya ⁶ foll instructions in the Mallya⁶ " section. Charge the battery 2 hours for a full ch Mallya ⁶ light is oran	ht will ery is low. owing the ' Charging for at least harge.	The pen dose cou must be set at 0. When the pen do pointer is aligned number 0, press t button for 2 seco Mallya ^c light turn	se with the the dose nds until	Error: the red so Mallya ^G is in an to be reset. Foll the " Resetting I Mallya ^G . If the p the Support ser an alarm at me <u>IMPORTANT:</u> device lights r recorded.

Technical safety information

the manufacturer and the competent Health Authority

Improper operation may result in serious injury or death

· If you are not certain that you injected your medication, do not start, or repeat your injection. Monitor your treatment as instructed by your healthcare provider.

• Do not leave Mallya^G or its accessories within the reach of children (injury, choking and strangulation hazard). Do not attach or tighten cable to or around the head or neck

• Do not expose the device to a temperature above 40°C (104°F) or flames. If Mallya^G is used at high temperatures exceeding our recommendations, the surface of the device may reach a maximum temperature of 43°C. In this case, the duration of use should be limited to 10 minutes to avoid any risk of burning

• Mallya^G contains a magnet. To guarantee optimal results, avoid contact with metallic parts during use, and avoid using Mallya^G near PACEMAKERS, DEFIBRILLATORS and BODY WORN INFUSION PUMPS or MAGNETIC RESONANCE IMAGING (MRI) **ENVIRONMENT**

Do not operate the device in a hazardous environment: presenting a risk of explosion, or containing volatile solvents (alcohol, etc.) or flammable substances (anesthetics, oxygen-rich environment, etc.).

• Mallya^G can only be used by patients already familiar with the pen injectors. Contact your healthcare provider, or a BIOCORP PRODUCTION authorized dealer to check your usual pen compatibility

damade

In case of side effects or incident, please contact • Do not expose the device to moisture. Do not immerse the device in liquids

Leave the device in a room at room temperature for 30 minutes before unpacking it to avoid possible malfunctions due to condensation · Do not disassemble, modify, or repair the device by

yourself: it may cause fire, electrical shock, bodily injury, to special measures concerning electromagnetic or device malfunction. Your device's warranty will be void. Periodic maintenance of Mallya⁶ is not required. If there is any abnormal smell, sound, heat, or smoke when using the device, stop using Mallya^G.

· If the device experiences an external mechanical impact (knocking, bumping, dropping, etc.) or excessive stress (inappropriate storage/transport/ use conditions), this may cause malfunctioning of the device. In case of malfunctioning, do not use the device and continue your injection pen treatment. Please contact the BIOCORP PRODUCTION authorized dealer as identified on the outside of the packaging for technical support.

contact BIOCORP PRODUCTION or its authorized dealer for technical support.

• Do not leave your Mallya^G and its accessories next to animals/insects or dust/plush. After use, your device must be put away in its packaging.

 Only use your Mallva^G with Novo Nordisk[®] pen injector Never use Mallva^G with any other pen.

• This device is not recommended for use by the blind or visually impaired without the help of someone trained to use the device

During handling operations, protect the needle with the pen cap, if it is assembled on the pen.

 Separate collection for waste electric and electronic equipment (WEEE) is required.

Wireless communication safety issues

Improper use may result in bodily injury or property peripherals such as antenna cables and external

antennas) should be used no closer than 30 cm (12 to track injection. Where perturbing electromagnetic inches) to any part of the Mallya^G device, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result

· Electrical medical devices and systems are subject compatibility (EMC) and must be installed in accordance with the EMC instructions contained in the technical note available online at https://my-mallya. com/sau/growth-disorder

· Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

 Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of • In case of visible damage, do not use Mallya⁶ and this equipment and result in improper operation.

· Protect your personal healthcare data with a password on your smartphone · Protect your smartphone by installing antivirus

software

Never install a mobile application from unofficial stores on your phone.

Contact Biocorp Production for list of approved compatible apps & verified phones to be used with Mallva^G

 In case of Bluetooth[®] transmission disturbance or loss, the Mallya^G device will continue to track and record the history of all your injections. More information is available on the technical note available online at https://my-mallya.com/sau/growth-disorder.

· In case of use in a noisy environment (in terms of electromagnetic signal near 2.4Ghz), the Bluetooth® · Portable RF communications equipment (including communication is no more possible, and the connection is closed. However, the device continues all your personal health data.

signals disappear, communication is possible

The Cybersecurity nomenclature corresponding to the embedded software version is available on request. Please contact a BIOCORP PRODUCTION authorized dealer if you wish to consult it.

You are responsible for properly securing and managing your phone. If you suspect an adverse cybersecurity event related to the Mallya^G device or related App, contact Customer Service.

Make sure that your phone and Mallya^G device are kept in a safe place, under your control. This is important to help prevent anyone from accessing or tampering with the System.

• The App used with Mallya^G device is not intended for use on a phone that has been altered or customized to remove, replace or circumvent the manufacturer's approved configuration or use restriction, or that otherwise violates the manufacturer's warranty.

 The App used with Mallya^G device requires that your phone has the correct date and time for recording your health information. Your phone's date and time should be set to update automatically. You can check this in vour phone settings.

When you travel across time zones, save your infusion data and check your smartphone time. In case of local time management malfunction, do not start or repeat your injection, monitor your treatment as instructed by your healthcare provider and use the device reset function to retrieve your Mallva⁶ factory settings

• When using the App used with Mallya^G device, you should keep your phone well charged.

Keep your phone well charged and turned on. Disable your phone's automatic operating system

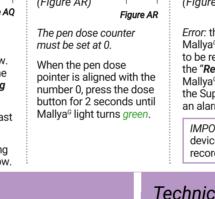
updates. After an operating system update, open your App and check your device settings to make sure it's working properly

• Before disposing of Mallya^G: reset the device to delete

Resetting Mallya^G

If the following has occured, Mallya^G may need

- the Mallya^G signal light is
- you need to unpair your Mallya^G from your phone and pair with a new
- the pen (Figure AH). you want to delete your 1.3. Set Mallya^G down upright personal health data onto a clean flat surface from Mallva^G. with the button up.



Intended Patients

Intended Use Intended Environ Accuracy of reco doses

Charge and auton

Electrical consum

Batterv Storage of

recorded dos

Communicatio

Model Software versi Dimensions

Operating

Weight

Lifetime

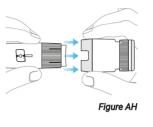


Figure AS

1 Remove Mallya^G

from the pen

(Figure AH).

1.1. Hold Mallya^G by the body

touch the sides on the

device, being careful to

not depress the button

1.2. Pull Mallya^G straight off

so your fingers only

2 Reset Mallva^G

- 2.1. Connect Mallya^G to the supplied USB cable (Figure AI).
- 2.2. Plug-in the USB cable in a powered USB wall charger, then quickly unplug it from the charger (Figure AJ).
- 2.3. Repeat the plug-in/unplug process at least 4 times until Mallya^G flashes red and then turns off (Figure AJ).

Plug in and unplug 4 times.

- 2.4. Disconnect Mallya^G from the USB cable.
- 2.5. Allow Mallya^G to sit on a clean flat surface with the button up for 30 seconds.

Mallya^G is now reset.

After reset, Mallya^G is powered off and must be setup again.

Continue to the next step.



Figure A Ę

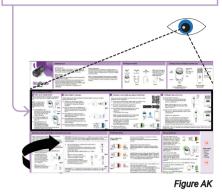


Figure AT

3 What is next?

Please refer to the section "How to setup your MallyaG" section on the front page of these instructions, starting with step 1 (Figure AK), to restart your Mallya^G device.

IMPORTANT: You must complete all steps in the "How to setup your Mallyage" section to restart your Mallya^G device.



Cleaning

Mallya^G is not sterile and can be reused for a single patient only.

Mallya^G can be cleaned if necessary. To clean Mallva^G

- Make sure Mallya⁶ is unplugged and not connected to the USB charging cable.
- Wipe the external surfaces with a soft lint-free cloth, slightly damped with a small amount of neutral detergent if needed, being careful not to get the micro-USB port wet.
- Dry the surfaces with a soft cloth.

IMPORTANT: Mallya^G is not waterproof, never wet the micro-USB port.

Radio-communication statement

The undersigned BIOCORP PRODUCTION declares that the radio equipment of the Mallya type complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address https://my-mallya.com/.

Contact information



BIOCORP PRODUCTION ZI LAVAUR LA BECHADE 63500 ISSOIRE FRANCE Tel : +33 4 73 55 70 50



Novo Nordisk Saudi for Trading District/Street name: Al Misfat Mustafa bin Abdullah Merdad

CE

In case of questions, problems or assistance, please contact BIOCORP PRODUCTION authorized dealer for technical support as identified on the outside of the packaging.

www.biocorp.fr

solid light will come on when an error state and needs ollow the instructions in ng Mallva^{G"} section to reset e problem persists contact service. The red signal is not neaning of IEC 60601-1-8.

NT: In case of injection, if the nts red, the dose will not be

Technical specifications

	Patients using a Novo Nordisk® pen injector designed for growth disorder treatment					
rs	Users aged from 13 to 80 years old					
ment	Home use					
orded	99% ±1 increment on test bench					
nomy	Charge by USB connector. Full charge in 2h, 2 weeks-autonomy for daily injection / 4 weeks-au- tonomy for weekly injection. USB AC adaptor (not provided): IEC/UL 60950-1 or IEC/UL 62368-1 certified with CE or UL marking, external module with automatic adaptation of the voltage, 90-264V input voltage range.					
nption	5V DC, ≥ 500mA					
	Li-ion 3.6V 25mAh					
es	The last 100 recorded increments are stored in the device's internal memory (including flow checks)					
on	Bluetooth® Low Energy v4.2 operating in the frequency band of 2400 MHz to 2483.5 MHz. 40 channels, 2MHz spacing channel, 1 MHz channel bandwidth, 4dBm (2.5119 mW) max transmission power, <0dBm max EIRP (Equivalent Isotropic Radiated Power).					
	EFA2					
on	Firmware 1.2.x					
	40,1 mm (h) x Ø 25,8 mm / 1,58 in (h) x Ø 1,01 in					
	11 g / 0,39 oz					
	$\begin{array}{c c} Temperature & Humidity & Pressure \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\$					
	2 years					

Further information is included in the Technical Note, available online at https://mv-mallva.com/sau/growth-disorder.

Symbol description

SYMBOL	DESCRIPTION
8	Refer to the instruction manual / booklet. Follow instructions for use
<u> </u>	Manufacturer
SN	Serial Number
₩ FR	Country and date of manufacture
LOT	Batch number
UDI	Unique Device Identification
#	Model number
s an	Distributor
REF	Product reference
REF	Distributor reference
P	Use by date
MD	Medical Device
*	Type BF applied part (according to IEC 60601-1 continuous mode)
IP 22	Ingress Protection index IP22 (IEC 60529)
	Direct current
⇔	For indoor use only
Ĵ	Keep away from humidity
8	Do not use if the packaging is damaged or opened
X	WEEE; waste electrical and electronic equipment
(i i)	Single patient multiple use

The light automatically turns off after 10 seconds of inactivity. To check the status of Mallva^G, press lightly on the button to wake it up. If the light does not turn on, press firmly on the button for several

seconds to remove it from standby mode and put it into active mode (see step 4 of the "How to Setup Your MallyaG" section).

If the light still does not turn on despite a long and firm press, the battery may be empty. Charge Mallya⁶ following the instructions in the "Charging Mallya^{G"} section. Charge the battery for 2 hours for a full charge. The

green slowly flashing light will turn off when charged. IMPORTANT: If there is no light, the device is off, and injections will not be recorded.

CE

CE mark

(Figure AT)

No signa