



Sapphire™

Multi-Therapy Patient Guide



This information does not replace the official instructions for use.



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Important Patient Information

Patient name: _____

Medication (name and dose): _____

Sapphire pump settings

Delivery mode: _____

Flow rate: _____

Volume to be infused (VTBI): _____

Length of the infusion: _____

Other settings: _____

⚠ Stop the pump and immediately contact your healthcare provider if you have any of the following side effects:

Special instructions:

Infusion System Overview

- 1 Medication bag
- 2 Administration set
- 3 Sapphire pump



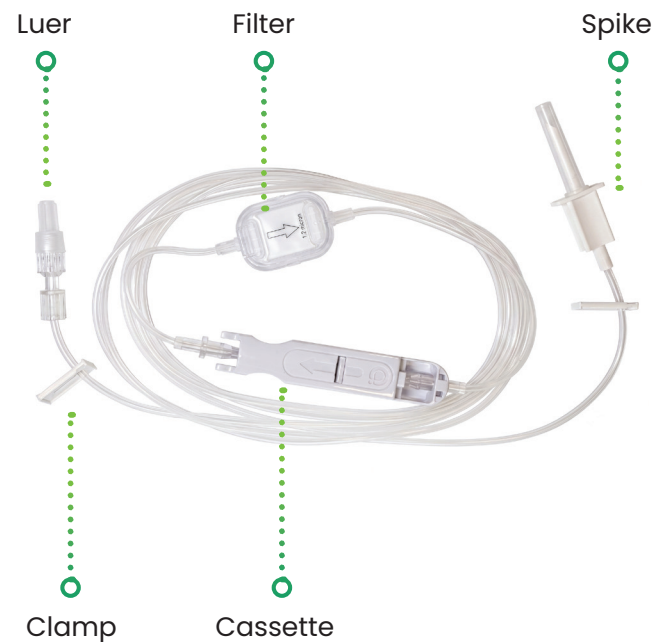
Get to Know Your Pump

Sapphire Pump Overview



Sapphire Pump Administration Set

There are different types of tubing sets. The tubing set you are using may have some or all of these parts.



Charge the Pump

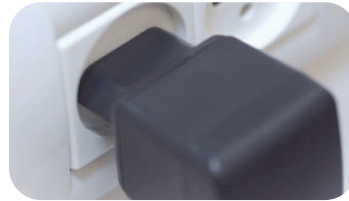
Whenever possible, connect the pump to a wall outlet using the power supply cord. The battery can be charged during infusion.

Connecting the power supply to the pump:

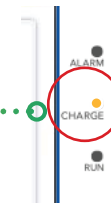


1. Align the red dot on the power supply to the arrow on the pump.

Do not twist the connector



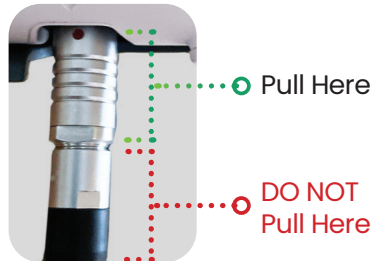
2. Plug the other end of the power supply cord into a wall outlet.



Connection to power source **CHARGE** light:

- Blinks when charging
- Steady on when the battery is fully charged

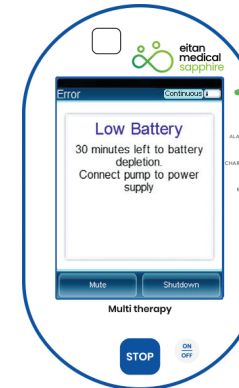
Disconnecting the power supply from the pump:



1. Pull the metal connector and release it from the pump.

Do not pull from the cord or twist the connector

When 30 minutes remain to battery depletion, the pump will alarm and prompt you to connect it to the power supply.



Battery Charge Indicator Bars

- Full Charge
- Low

Get Started



Turn pump on

Press the **ON/OFF** key below the screen.

The pump performs a system check.



Open door

Press your thumb against the marked area of the door. Swing the safety door outwards while pressing.



Close door

Swing the safety door inwards to close the door, you should hear a click.

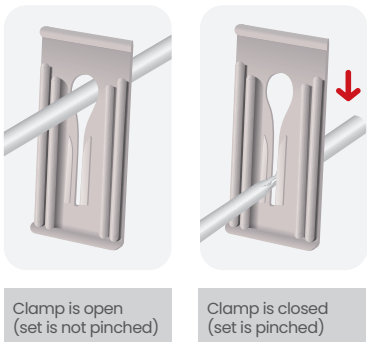


If the pump/display does not turn on as expected, or if the hard keys do not work as expected, do not use the pump and contact your healthcare provider.



Insert the Cassette

Make sure the pump is turned on and has completed its system checks before inserting the cassette.



1. Close all administration set clamps.



2. Insert the cassette at an angle with the arrow pointing down.



3. Push the top of the cassette into the lock. You should hear a click.

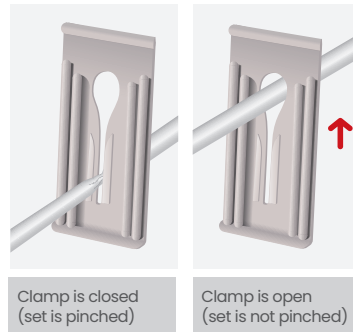


4. Close the door, you should hear a click.

Prime the Administration Set

Priming fills the administration set with medication and removes all air from the administration set before infusion begins. Your healthcare provider may have already primed the administration set for you. When instructed to prime through the pump, follow the steps below.

1. Verify the tubing set is disconnected from your catheter/ access site.



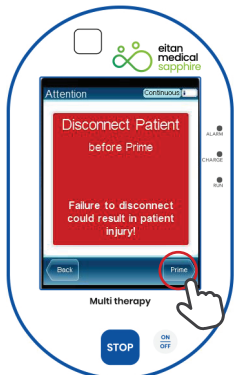
2. Open all tubing clamps. Make sure there are no other occlusions blocking the tubing set.



3. Remove tubing end cap and save for later. **Do not** touch the end of the tubing to prevent contamination.



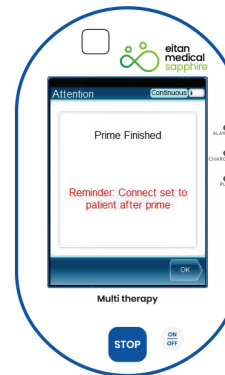
4. On the pump's startup screen, press "Prime".



5. Make sure the tubing set is not connected to you, and press "Prime".



6. The pump shows a countdown timer for the priming to end. If all air is removed, the priming can be stopped by pressing "Finish Prime".



7. Prime finished - verify there is no air in the set and liquid reaches the end of the set. Otherwise, repeat the priming process.

8. Connect the tubing set to your catheter, as instructed by your healthcare provider.



Start Infusion (Repeat Last)



1. Press **"Repeat Last Infusion"**.



2. Verify program* is correct, then press **"OK"**.



3. Press **"Start"** to begin the infusion.



4. The infusion is running.

* Each program may include different numbers and values.
Verify the program on your pump fits the prescription you have from your healthcare provider.

Stop and Resume Infusion

To stop the infusion immediately, use the **STOP** hard key.
Contact your healthcare provider for further instructions.

Stop Infusion

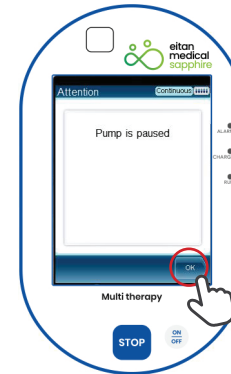


1. Press the **"STOP"** key.



2. The infusion is stopped.

If the pump remains paused for 30 seconds →

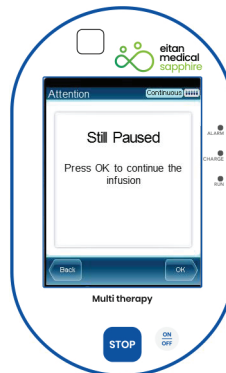


3. Press **"OK"** to fully stop.

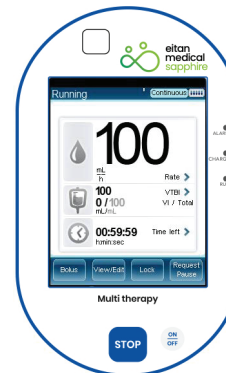
Resume Infusion



1. Press **"Request Continue"**.



2. Press **"OK"**.



3. The infusion is running.



Restart Infusion with a New Bag

The pump alarms when the infusion ends, infusion rate changes to the programmed KVO rate. To continue the infusion with another medication container:



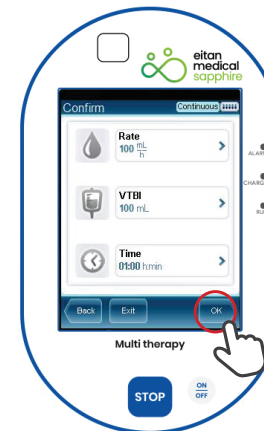
1. Press **"Mute"** and then press **"OK"**.



2. Change the medication bag/
tubing as instructed by your nurse.



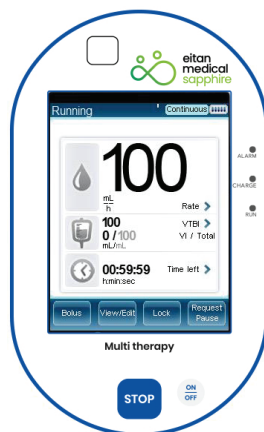
3. Press **"Repeat Last Infusion"**.



4. Verify program* is correct
then press **"OK"**.



5. Press **"Start"**.



6. The infusion is running.

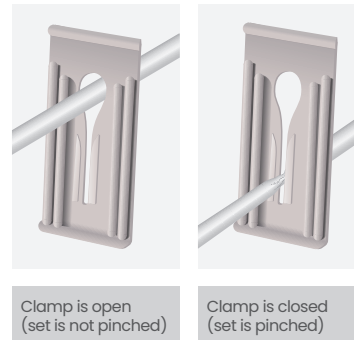
* Each program may include different numbers and values. Verify the program on your pump fits the prescription you have from your healthcare provider.

End Infusion

At the end of the treatment, disconnect the system and turn off the pump.



1. Infusion complete.



2. Close all tubing set clamps.



3. Disconnect the tubing set from your catheter.



4. Open the door.
Push up the metal lock.



The cassette
is released.



5. Turn off the pump.
Press the "ON/OFF" key.



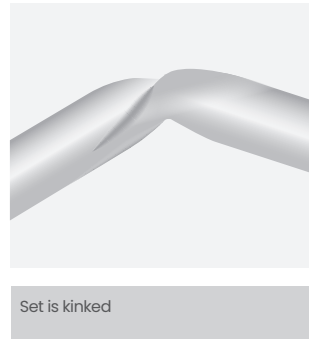
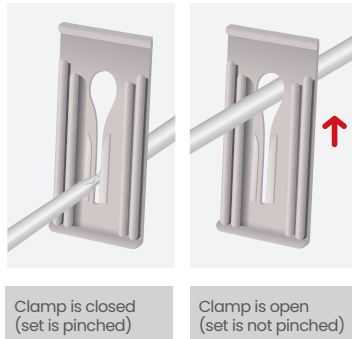
6. Press "OFF".

i Discard tubing and medication bag as instructed by your healthcare provider.



Troubleshooting Alarms

When the pump alarms, the screen shows an error message and the suggested steps to correct such error.

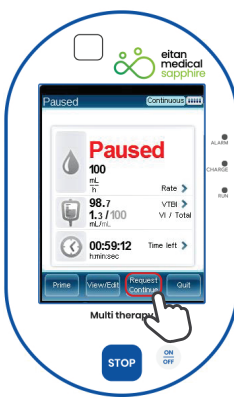


1. Press **"Mute"**.

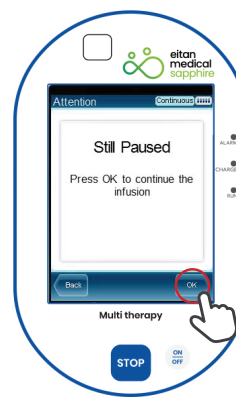
2. Follow the instructions on the screen. For occlusion – open all tubing clamps, straighten kinks in the tubing. Make sure no other occlusions are blocking the tubing set.



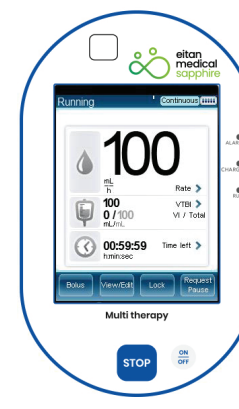
3. Press **"OK"** to dismiss the alarm.



4. Press **"Request Continue"**.



5. Press **"OK"**.



6. The infusion is running now.

i For troubleshooting and alarms not described in this section, please contact your healthcare provider.

Charge and Connect the Sapphire Connect

Charging Sapphire pump & Sapphire Connect

As a stand-alone
via Sapphire
Connect power
supply



Via a
Mini-
Cradle



Via Sapphire
Connect



●
Blinking Orange
Sapphire Connect
is charging

●
Steady Orange
Sapphire Connect
is fully charged

○
Blinking White
Sapphire Connect is in a low battery condition
(available only in Sapphire Connect software 2.0 and above)

Sapphire Connect start up sequence

1 Turn ON



2 Self-test in
progress

**Blinking
Blue**



3 Self-test completed
successfully

Steady Green

Note: If the LED
indicator does not
turn green, please
refer to the Sapphire
Connect –
troubleshooting
section in the user
manual.



4 Sapphire Connect
is ON and ready
to go

**Blinking
Blue**



5 Paired
Successfully

Note:
Communication
icon shown
on the pump
screen



Warnings

- The instructions presented in this manual should in no way supersede established medical protocol concerning patient care.
- Home users must be trained by their medical provider before using the Sapphire pump.
- Clinicians are advised to verify the proper route of delivery, and the patency of the infusion site.
- Avoid placing the administration set or power cord on the floor, or any other location where it can accidentally be damaged or provide a risk of strangulation, particularly due to excessive length.
- If the pump is dropped or appears to be damaged, it should not be used, contact your healthcare provider for further instructions.
- Keep the pump, the used plastic infusion containers, packaging, and tubing out of the reach of children.
- Administration sets should be disposed of in a proper manner, considering the nature of residual fluid that may be contained within, in accordance with provider disposal practices.
- Do not dispose of the battery in or near fire.
- Do not use a damaged administration set or damaged set components or packaging.
- Always refer to the instructions for use that are included.
- Eitan Medical administration sets are for single patient use only and should not be sterilized or cleaned for re-use.
- Do not connect the administration set to the patient while priming.
- Do not use force when connecting the administration set to the patient.
- Always use the clamps on the administration set to occlude the administration set prior to removing the Eitan Medical administration cassette from the pump.
- Do not apply pressure or pressurized air to any outlet or tubing connected to the pump. Pressure may destroy sensitive elements.
- Do not pull or stretch the tubing in any section of the administration set when the pump is in use, nor apply pressure to the infusion container.
- Do not alter any parts or components of the pump and/or of the administration sets. Eitan Medical shall not bear any liability with regard to any damage, loss or injury caused by or to you or any other third party resulting (directly or indirectly) from the use of the pump and/or the administration sets not in accordance with this Patient Guide and/or your healthcare provider's instructions.

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