

## SUREFUSER™+ PORTABLE INFUSION SYSTEM

*This patient guide will help you become familiar with Surefuser+ and how it works*

### WHAT IS SUREFUSER+?

Surefuser+ is a disposable single-use home infusion pump

It delivers medications prescribed by your doctor

It is a self-powered pump that uses force of a balloon to infuse medication via a catheter

It does not require batteries or electricity

It will be discarded once the medications have been administered



### HOW DOES IT WORK AND WHAT ARE THE DIFFERENT PARTS OF A SUREFUSER+?

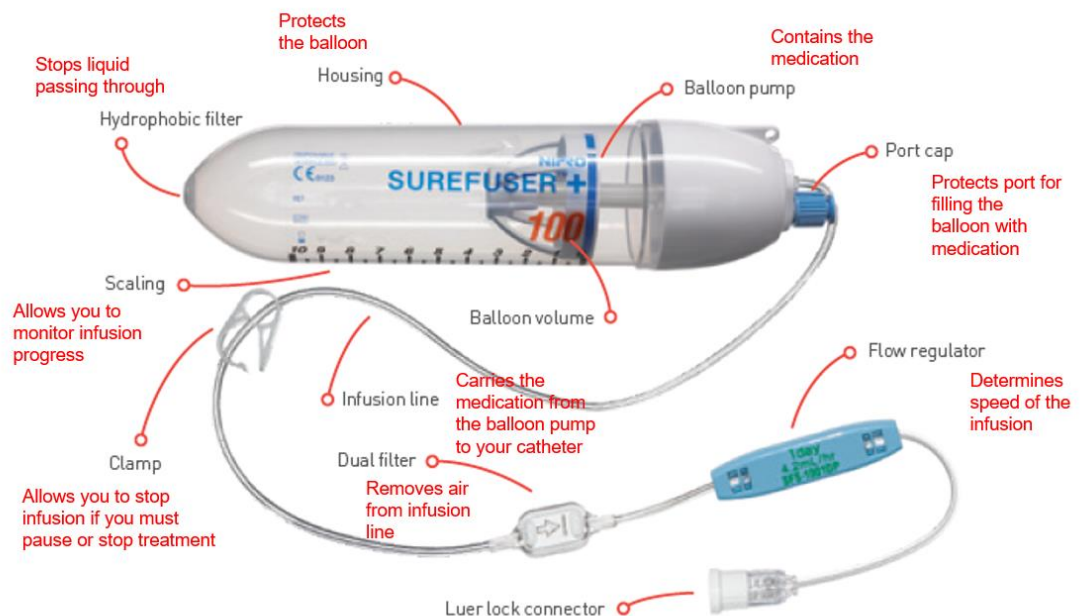
A trained health professional will prepare, connect and disconnect the device for you

They load the prescribed medication by connecting a syringe to the pump

As they inject the medication, the balloon inflates

The medication flows at a constant rate

Your health professional will indicate to you when the balloon is expected to be empty



## WHAT FACTORS MAY AFFECT INFUSION?

There are external factors that can influence infusion speed and must be kept as constant as possible.

### TEMPERATURE

It is important to keep the flow regulator attached to your skin at all times.

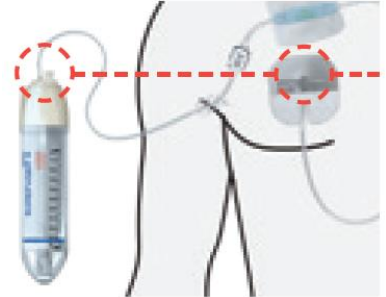
Keep the device at room temperature and away from heat (e.g. radiators and direct sunlight).

### BALLOON PUMP POSITION

The height position of the pump relative to the infusion point (catheter location) affects the infusion speed.

The pump and catheter insertion should be at the same height.

For example if the catheter inserts at the level of the upper chest, the pump should be at the same height.



### DUAL FILTER

It is important to keep the filter dry at all times; do not clean or disinfect and avoid perfume near the filter.

## MUST I DO ANYTHING DURING TREATMENT?

You can check that the medication is being infused by checking that the balloon is deflating along the blue progression line; the blue line will move down as medication is being infused.

The pump is a 50mL pump with 2mL/hr flow rate; The scaling goes from 0 to 5 with intervals of 1; For volumes of 50mL each interval of 1 corresponds to 10mL; This equates to 2mL administered per hour.

Infusion time	Blue line position
<b>0 hr (start)</b>	<b>5</b>
<b>6 hrs</b>	<b>3-4</b>
<b>12 hrs</b>	<b>2-3</b>
<b>18 hrs</b>	<b>1-2</b>
<b>24 hrs</b>	<b>0-1</b>

## FAQS

### CAN I PAUSE OR CEASE TREATMENT IF NEEDED?

The Surefuser+ pump has a built in emergency brake

The clamp on the infusion line will allow you to stop the infusion at any time



Press firmly on the clamp and it will close the infusion line

### WHAT IF THERE IS AIR IN THE INFUSION LINE?

The air filter will remove any air that may be present in the medication

If there is still air in the infusion after the air filter, call the Dorothy House Advice Line to determine if it is safe to continue

If treatment should be stopped, close the clamp

### WHAT IF THE MEDICATION STOPS FLOWING?

Verify that the clamp on the infusion line is open

Check if the infusion line is twisted or kinked

If the infusion does not start close the clamp and call the District Nurse Service.

### **WHAT IF THERE IS A LEAK?**

Wear protective gloves and close the clamp immediately

If leaking from the infusion line clamp above the point where it is leaking

If leaking from a connection, check they are closed tightly

If leaking from the pump housing place in a plastic bag

Report the leakage to the District Nurse Service.

### **WHAT IF THE INFUSION IS SLOWER OR FASTER THAN EXPECTED?**

Call the District Nurse Service to determine if treatment can be continued or if it should be stopped.

### **WHAT IF THE BALLOON BURSTS?**

Close the clamp to stop treatment and place the pump in a plastic bag

Call the District Nurse Service.

### **CAN I GO OUTSIDE WITH SUREFUSER+?**

Yes. Please ensure the Surefuser+ stays out of direct sunlight and the pump remains in the carrier bag

### **CAN I TAKE A SHOWER/BATH WHILST RECEIVING TREATMENT WITH SUREFUSER+?**

Yes. Please ensure the pump and infusion line are not submerged in water. Surefuser+ is water resistant, but not waterproof. You cannot swim with Surefuser+.

### **CAN I SLEEP WITH SUREFUSER+?**

Yes. Ensure Surefuser+ is in a secure place on or near your bed and at the same height as your sleeping position. Do not keep under the bed covers.

### **CAN I EXERCISE WITH SUREFUSER+?**

It is acceptable to perform light exercise. Try to avoid heavy vibrations as this can affect the flow rate.

### **CAN I TRAVEL BY AIR WITH SUREFUSER+?**

There have been no tests on air travel therefore we cannot ensure the flow rate will stay within its claimed accuracy.

### **HOW DO I DISPOSE OF THE SUREFUSER+?**

The pump can be disposed of in regular waste, but needles must be disposed of in a sharps bin

## **DOROTHY HOUSE ADVICE LINE**

If you have any other questions or concerns please contact:

**Dorothy House 24HR Advice Line - 0345 0130 555**