



## Frequently Asked Questions

### 1. Will ON-Q PainBuster provide better pain relief than traditional therapies?

By adding ON-Q to a patient's post-surgical pain treatment, patients will get significantly better pain relief than with narcotics alone. When ON-Q is used with narcotics, it significantly reduces the amount of narcotics needed to relieve pain following surgery.

### 2. What medication should be used in the ON-Q PainBuster pump?

A local anesthetic of the Physician's choice. Drug manufacturer dosage guidelines should be followed. I-Flow Corporation has performed stability testing on Bupivacaine HCl, Lidocaine HCl and Ropivacaine HCl. Technical Bulletins available upon request.

### 3. How does the pump work?

The pump consists of a multi-layer membrane with a protective PVC cover. The strain of the elastomeric membrane provides a positive pressure of approximately 10 PSI. A capillary orifice controls the flow rate.

### 4. What is the material in the elastomeric membranes?

The pump consists of three layers:

- The inner layer is a synthetic thermoplastic elastomer which contains the drug and is non-latex.
- The middle layer is composed of natural rubber latex.
- The outer protective layer is PVC.

The fluid contact materials are biocompatible.

### 5. Can the ON-Q PainBuster Pump be used on patients with latex sensitivity?

The pump does not contain latex in the fluid pathway. The PVC bag that surrounds the pump membranes eliminates the risk of contact dermatitis that can occur when latex comes in contact with the skin. (Technical Bulletin available upon request)

### 6. How much medication does the device hold?

A variety of sizes and flow rates are available, providing dosing flexibility. Depending on the model selected, the device may hold from 35 ml up to 550 ml of medication. Infusion times range from 12 hours to 5 days depending on the model and fill volume selected. (Refer to ON-Q PainBuster Directions for Use for delivery time information)

### 7. What happens if the pump does not fill evenly?

The pump may fill unevenly; this is normal and should not cause concern. One side of the pump may completely fill and then the other side begins to expand; you may experience increased resistance during filling.

### 8. How can I tell if the pump is infusing?

Because the medication is infusing at a slow rate, you will not see a change in the size of the pump on an hourly basis. It may take longer than 24 hours to notice a change in the appearance of the pump. Over time the outside bag will become loose and creases will form in the bag. The pump ball will gradually decrease in size. If the patient is getting good pain relief the pump should be infusing as expected.

### 9. How much pressure does the pump exert?

Approximately 10 PSI (500mm Hg) pressure.

### 10. What is the accuracy of flow delivery?

Delivery accuracy is  $\pm 15\%$  of the labeled infusion rate.

### 11. What is the size of the in-line filter?

The filter is 1.2 micron particulate and 0.02 micron air-eliminating filter.

## 12. What effect does temperature have on the pump?

The ON-Q PainBuster pump is calibrated for the flow restrictor to be in contact with the patient's skin. Care should be taken to ensure that this portion of the tubing is secured to the patient's skin and that it is not near any cold therapy. If the restrictor is away from the body, the medication will infuse at a slower than expected flow rate.

## 13. What is the difference between ON-Q PainBuster and ON-Q PainBuster with ONDEMAND™?

The ON-Q PainBuster with ONDEMAND has an added feature that allows patients to give a 5 ml bolus every hour in addition to the continuous 2 ml/hr rate.

## 14. How does temperature affect the ONDEMAND?

The restrictors are inside the bolus device. ON-Q PainBuster with ONDEMAND should not be in skin contact, as it is calibrated to room temperature. The ONDEMAND bolus should be worn outside the patient's clothing and may be clipped to the carrying case for convenient access.

## 15. Does ONDEMAND have a lockout feature?

The ONDEMAND has a one hour refill. If the patient presses the bolus button before one hour they will receive a partial bolus dose. Medication doses should be calculated at the total average rate of 7 ml/hr (2 ml/hr basal + 5 ml bolus).

## 16. Is there a greater risk of infection with a catheter in the wound?

An internal audit was conducted that compared reported cases of infection in patients using the ON-Q PainBuster pump to data available from the CDC which surveyed the incidence of surgical site infections. When compared to this CDC data, the ON-Q PainBuster system did not appear to increase the risk of surgical site infections. A detailed report is available upon request.

## 17. What measures can I take to prevent infection in patients?

- Insert the catheter 3-5 cm away from the wound site.
- Cover the catheter site with an occlusive dressing keeping the catheter separate from surgical site.
- Protect catheter site from water.
- Perform routine assessment and monitoring of the catheter site.
- Remove the catheter as soon as the infusion is complete.
- Follow instructions for proper catheter removal.
- The catheter should remain in place no longer than 5 days.
- Do not refill the pump.

## 18. What type of catheter configurations are available?

The ON-Q PainBuster system is available with either a standard 20 GA infusion catheter or a Soaker Catheter™. The Soaker Catheter has multiple ports along the distal portion of the catheter to provide better drug distribution at the incision site. This catheter is available with a 2.5 cm (1 inch), 6.5 cm (2.5 inch), or 12.5 cm (5 inch) soaker segment. The ON-Q PainBuster with ONDEMAND is available with a 1" multi-hole catheter.

## 19. Can patients shower with ON-Q PainBuster?

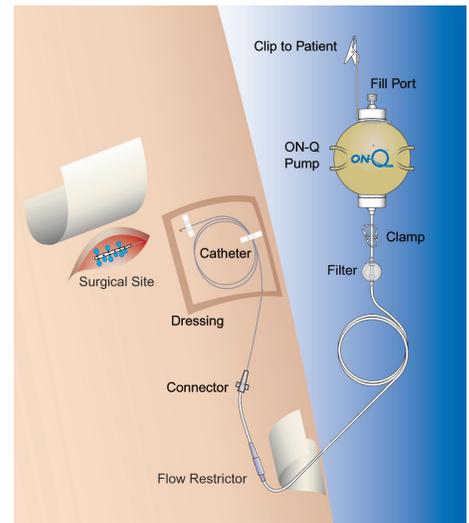
Physician instructions should be followed. Protect pump and catheter site from water.

## 20. Who should remove the catheter?

Physician's choice. The surgeon, nurse, or patient may remove the catheter.

## 21. Can ON-Q PainBuster be refilled?

No. The device is single use and disposable.



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For a list of supporting studies, please visit [www.ifflo.com](http://www.ifflo.com)

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