

# ON-Q® Pain Pump

The elastomeric ON-Q® “pain relief ball” administers a continuous, regulated flow of local anesthetic through the specially designed catheter to the intra-operative site. The ON-Q system is indicated for post-surgical pain management and intra-operative use. It is widely used in procedures such as ACL repair, shoulder subacromial decompression, iliac crest bone graft and hip and knee replacements.



## ON-Q Post-Op Pain Relief System

As part of the multimodal approach to pain management, the potential benefits of the ON-Q system include:

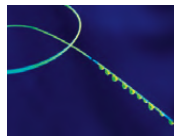
- Improved pain management
- Reduced patient need for narcotics and decreased exposure to common narcotic complications including nausea, vomiting, ileus, urinary retention and respiratory depression
- Decreased potential of breakthrough pain
- Rapid return to normal activities including ambulation
- Improved patient satisfaction

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## Post-Op Pain Relief System

### The Soaker™ Catheter

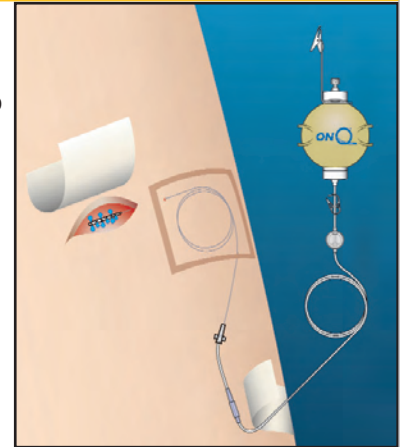
The ON-Q® Soaker Catheter is designed to infuse local anesthetic over a wider area compared to point-source catheters.



- The unique design allows for greater versatility in catheter placement and more even distribution of medication
- The patented\*\* Soaker Catheter delivers pain relief across the full length of the incision

### ON-Q delivery set-up

- Obstetrics/Gynecology
- Cardiovascular surgery
- Plastic surgery
- Orthopedic surgery
- Urological surgery
- Colorectal surgery
- General surgery



## Product Profile

Clinicians in a wide range of surgical specialties from plastic surgery and cardiovascular to orthopedics and OB/GYN attest to the benefits of ON-Q. For example, in a clinical study†, ON-Q demonstrated:

- Elimination of the need for narcotics in 33.3% of study patients and a greatly reduced requirement for narcotics in the balance of the patients
- Reduction of narcotics contributing to faster return of bowel function and elimination of complications
- 30% reduction of actual hospital costs for the study group including reduced nursing intervention and length-of-stay

- No post-operative infections or re-admissions
- Greater patient satisfaction

### How ON-Q Works

- ON-Q delivers local anesthetic directly to the surgical site for up to five days. Pain is relieved quickly without impacting other bodily functions
- ON-Q is simple yet elegant and requires little management or intervention by the patient or caregiver
- ON-Q is readily accepted by patients and can be clipped to clothing or carried in a small pouch

## Indications

The system is indicated for the relief of pain in patients following surgery, by the continuous administration of medication via catheter into the wound site. It is convenient for use by ambulatory patients.

## Contraindications

Not intended for intravenous drug, epidural, infusion, delivery of blood products, TPN or patients with a history of allergic reactions to anesthetics.

## Warnings

DISPOSABLE - Destroy after single use. Do not refill or sterilize. Do not overfill device. Follow drug manufacturer's instructions for the medication being used.

Delivery Time***	Description	Part Number		
		Catheter		
Days	Fill Volume x Flow Rate	Standard	Soaker (2.5")	Soaker (5")
5	65 ml x 0.5 ml/hr	PM001	PM011*	
2	100 ml x 2 ml/hr	PM002	PM012*	PM022*
5	270 ml x 2 ml/hr	PM003	PM013*	PM023*
2.25	270 ml x 5 ml/hr	PM004	PM014*	PM024*
3	270 ml x 4 ml/hr (dual; 2 ml per site)	PM005	PM015*	PM025*
3.5	400 ml x 5 ml/hr	-	-	PM026*
2	500 ml x 10 ml/hr	-	-	PM027
4	400 ml x 4 ml/hr (dual; 2 ml per site)	-	PM018*	PM028*
	6.5 cm expansion	PM010		
	12.5 cm expansion kit	PM020		

\*Use part number with -A suffix for silver anti-microbial coated catheters

\*\*\* Delivery time information is approximate and based on nominal specifications. See Directions For Use for complete product information.

† ON-Q pain relief system in elective abdominal hysterectomy surgery, a pilot clinical outcomes study evaluating length of stay, postoperative pain, narcotic analgesia use and impact on costs and adverse effects. Zimberg S, Guillermo D, Seiler J and Neimark M.

## CAUTION

Federal law restricts this device to sale by or on the order of a practitioner licensed by the law of the State in which he/she practices to use or order the use of the device.

\*\*Patent number 6350253

Soaker is a trademark and ON-Q is a registered trademark of I-Flow Corporation. © 2006 VisionQuest Industries, Inc.



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