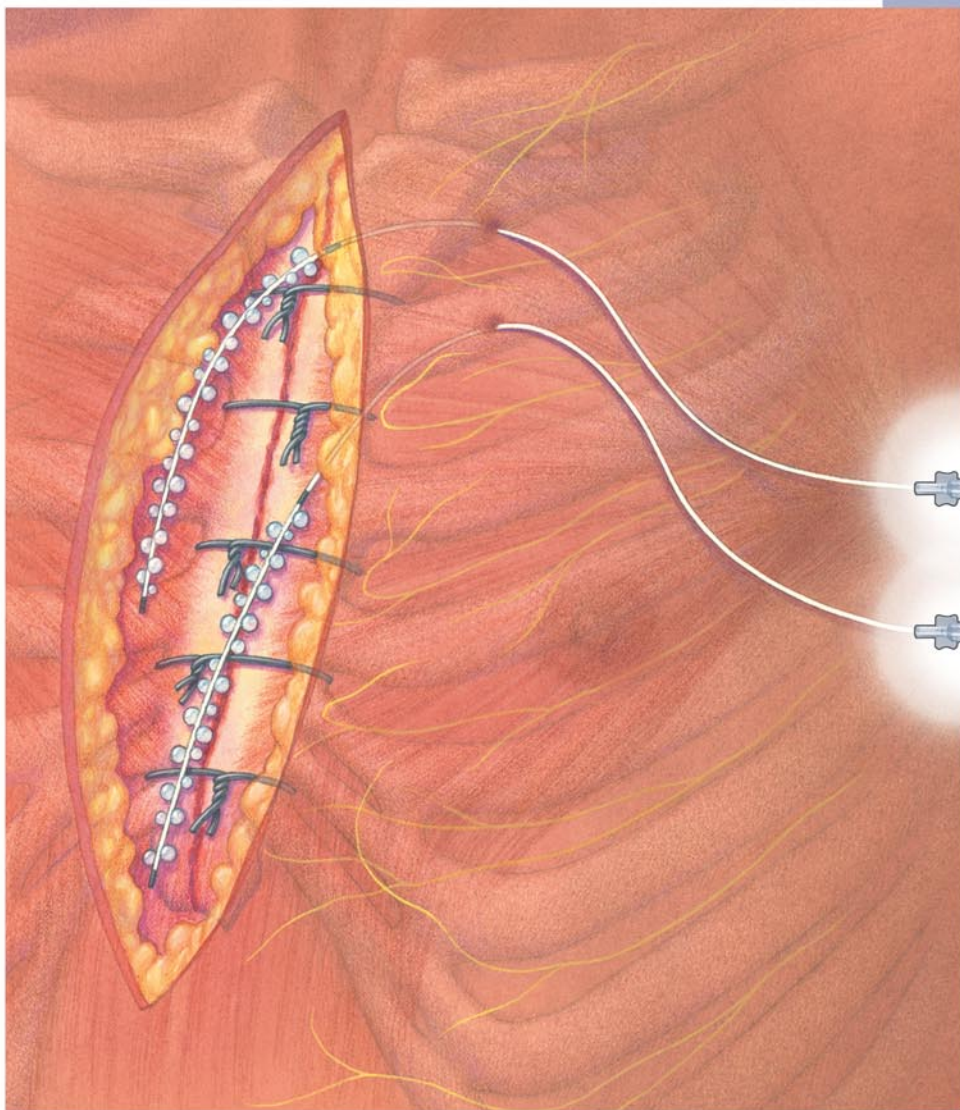


Break the circle of pain in...

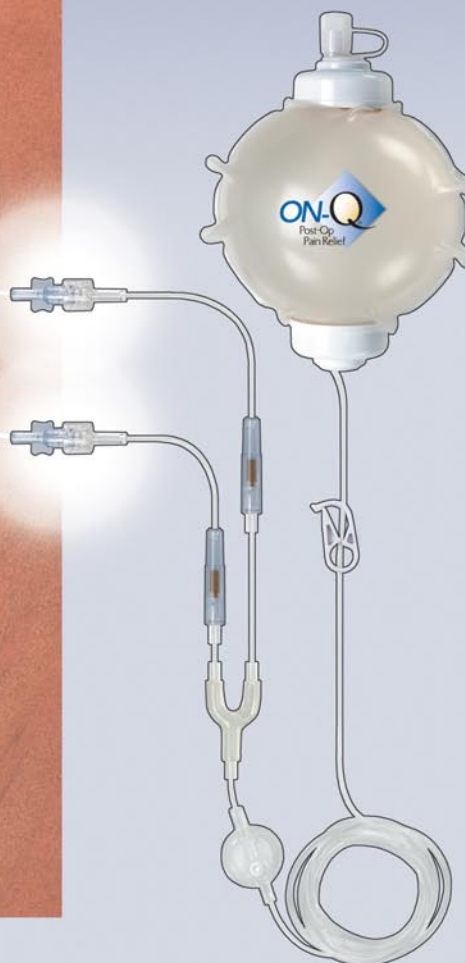
Cardiovascular Surgery Procedures



Anterolateral view, left side

Sternotomy Using ON-Q Non-Narcotic Pain Relief System

The ON-Q "pain relief ball" automatically administers a continuous, regulated flow of local anesthetic through the specially designed catheter to the intra-operative site. The patented Soaker Catheter delivers pain relief across the full length of the incision.



The ON-Q® Post-Op Pain Relief System and the ON-Q Soaker™ Catheter are designed to provide patients optimal pain relief for a quick and comfortable recovery. This illustration demonstrates a catheter placement technique for a sternotomy procedure using the dual Soaker Catheter system.

In this technique, the dual Soaker Catheters are introduced lateral to the midpoint of the incision and are positioned on top of the sternal wires holding the sternum. One catheter lies in the superior portion of the incision and the other is in the inferior portion. The catheters are designed and placed to provide delivery of non-narcotic medication across the full length of the incision.

This technique is provided by Robert Dowling, M.D., of University Cardiothoracic Surgical Associates for guidance only. It is subject to the expertise, experience and preference of the individual surgeon. This catheter placement is not to be construed as the specific recommendation of I-Flow.



The ON-Q® System is indicated for post-operative surgical pain management and intra-operative use. It is widely used in Heart Surgeries.

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 ileus, urinary retention, respiratory depression, nausea and vomiting
- No or decreased sedation
- Quicker return to normal activities including ambulation and full range of motion
- Improved patient satisfaction
- Reduced ICU and hospital length-of-stay
- Reduced overall costs
- Increased referrals
- Higher compliance with JCAHO standards

“I have been using the ON-Q Pain Relief System for about two years in my open heart surgery patients. This system has decreased the amount of post-operative pain in almost all of them. We have noted a decrease in narcotic usage, an increase in vital capacity, as patients are more willing to use their incentive spirometry, and a decrease in pulmonary complications due to their inability to take deeper breaths following open-heart surgery.

I believe the ON-Q System has made a huge difference in reducing pain in our patients as we now see many more patients coming back to the office noting they had no pain whatsoever secondary to their open-heart surgery. For all these reasons, I have made the ON-Q Pain Relief System an integral part of my practice.”

— Samuel B. Pollock, Jr., M.D.
University Cardiothoracic Surgical Associates



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