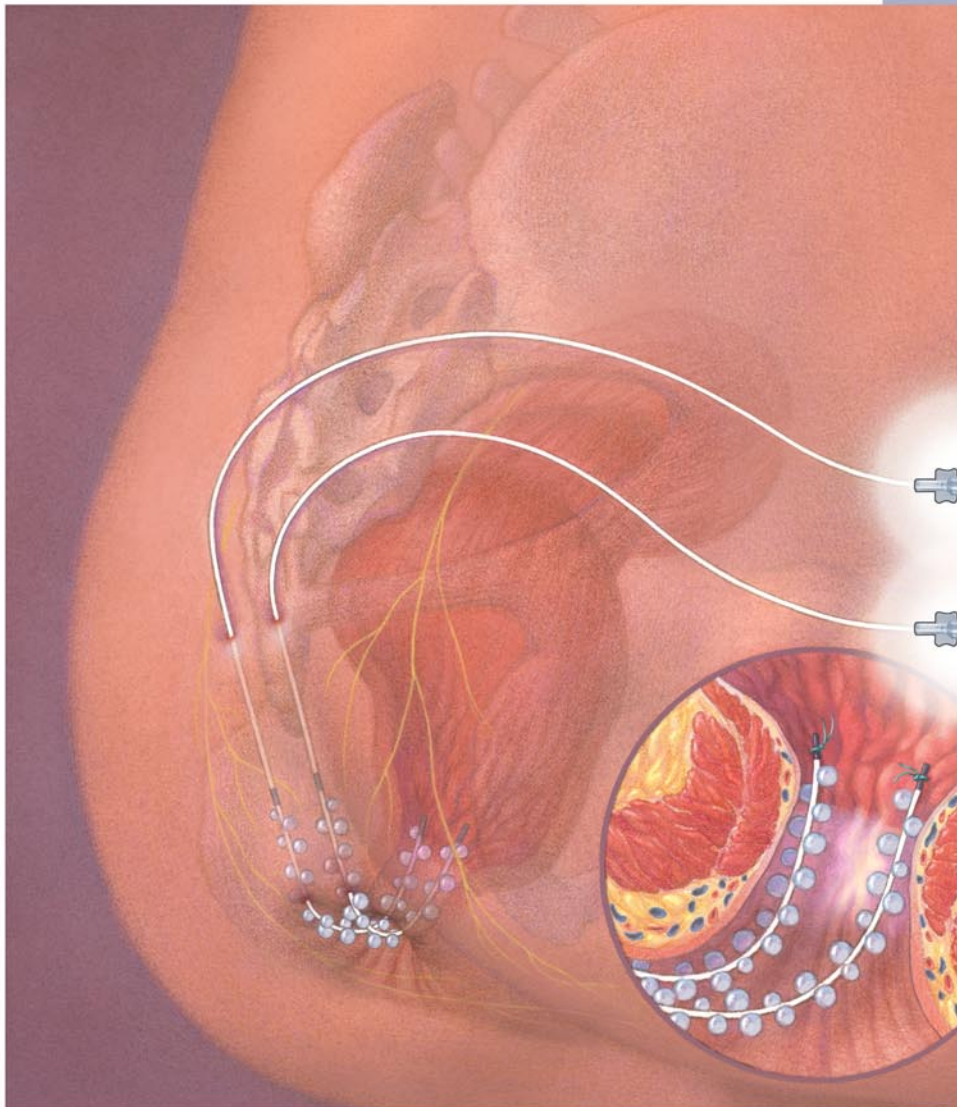


Break the circle of pain in...

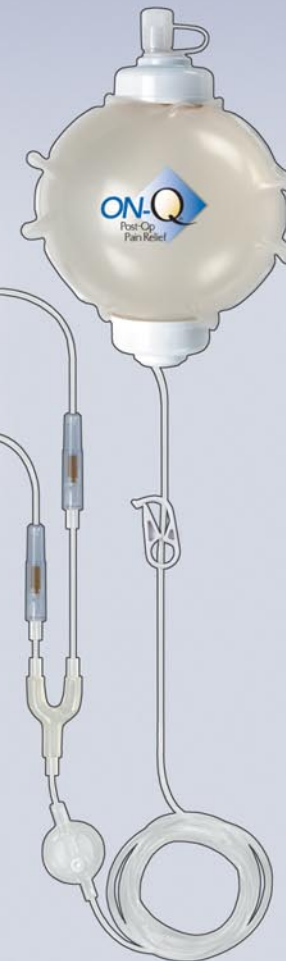
Colorectal Surgery Procedures



Posterolateral view, right side

Hemorrhoidectomy 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 ON-Q Soaker™ Catheter deliver local anesthetic directly at the surgical site without the side effects of narcotics. This illustration demonstrates a catheter placement technique for a hemorrhoidectomy using the dual Soaker Catheter system.

In this technique, the Soaker Catheters are introduced at the sacrococcygeal area and tunneled subcutaneously to exit at the anal verge. The catheters are advanced into the anal canal on each side and anchored a centimeter proximal to the dentate line to the mucosa. A fine 5-0 monocryl suture is employed. Part of the Soaker Catheter remains in the subcutaneous levels to provide nerve block.

This technique is provided by Sanath Kumar, M.D., of South Suburban Hospital 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 procedures such as Colectomy and Hemorrhoidectomy.

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

- Increased pain management
- Lower pain scores
- Reduced patient need for narcotics and decreased exposure to common narcotic complications including ileus, urinary retention, respiratory depression, nausea and vomiting
- Less sedation
- Quicker return to normal activities including ambulation and bowel function
- Improved patient satisfaction
- Reduced length-of-stay and overall costs
- Increased referrals
- Higher compliance with JCAHO standards

Citations:

Thorson A, Faria J, The ON-Q Pain Management System in the Control of Post-Operative Pain in Colon and Rectal Surgery. *United Gastroenterology Week*, 2001 Abstract.

Kumar S, MD Orland Park, IL and University of Illinois at Chicago, Chicago, IL. Continuous Postoperative Analgesia in Anorectal Surgery - Hemorrhoidectomy. Novel Concepts. Presented at the American Society of Colo-Rectal Surgeons Annual Meeting 2002.

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™ Soaker is a trademark of I-Flow Corporation.

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“Hemorrhoidectomy and anorectal surgery is perhaps the most painful of surgical procedures. Continuous topical infusion combined with continuous inferior hemorrhoidal nerve block afforded by the ON-Q System offers the best pain relief in patients subjected to anorectal surgery, in particular hemorrhoidectomy. Excellent pain relief and post-operative home recovery makes this method of analgesia ideal and cost-effective. It eliminates hospital stay in most of the patients thus reducing costs.”

— Sanath Kumar, M.D.
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