TOTAL KNEE ARTHROPLASTY

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SAMPLE PROTOCOL

Drugs in Pump: Local anesthetic of physician's choice.

Pre-Incisional Infiltration: Local anesthetic

Catheter Placement: Insert the introducer needle from inside the suprapatellar pouch approximately 3 cm distal to the distal aspect of the incision. Exit out the lateral skin superiorly along the tensor fascia lata. Insert the catheter through the sheath into the joint and tuck into the medial gutter. Peel away the sheath and discard.

Postoperative Bolus Technique: Secured the catheter with Steri-Strip™ and Tegaderm™. A bolus dose of local anesthetic may be administered with consideration given to total daily dose delivered and patient's clinical status.

Catheter Securement Technique: Secure the catheter with Steri-Strips™. Coil approximately 4 cm of catheter and secure with wound dressing.

Additional Post-Op Pain Medications: OxyContin®, morphine, or oxycodone per physician's prescription.

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CAUTIONS AND WARNINGS

- Patient may experience loss of motor control or feeling at and around the surgical area. Physician should instruct patient on appropriate measures to follow to avoid patient injury.
- Medications used with this system should be administered in accordance with instructions provided by the drug manufacturer. Surgeon is responsible for prescribing drug based on each patient's clinical status (e.g., age, body weight, disease state of patient, concomitant medication(s)).
- Vasoconstrictors such as epinephrine or adrenaline are not recommended for continuous infusions.
- Avoid placing the catheter in joint spaces. Although there is no definitive established causal relationship, some literature has shown a possible association between continuous intra-articular infusions (particularly with bupivacaine) and the subsequent development of chondrolysis.
- Refer to ON-Q* Pump Directions for Use for full instructions on using the ON-Q* Pain Relief System.

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RESULTS WITH ON-Q*:

	Before ON-Q*	After ON-Q*
Pain Management Method:	**Dilaudid® or morphine PCA**	**Eliminated PCA**
Average Narcotic Usage:	**6-8 weeks**	**4-6 weeks**
Average Length of Stay:	**3 days**	**1-2 days**

These images are for general guidance only and not to be interpreted as precise anatomical illustration or construed as a specific recommendation of Avanos Medical.

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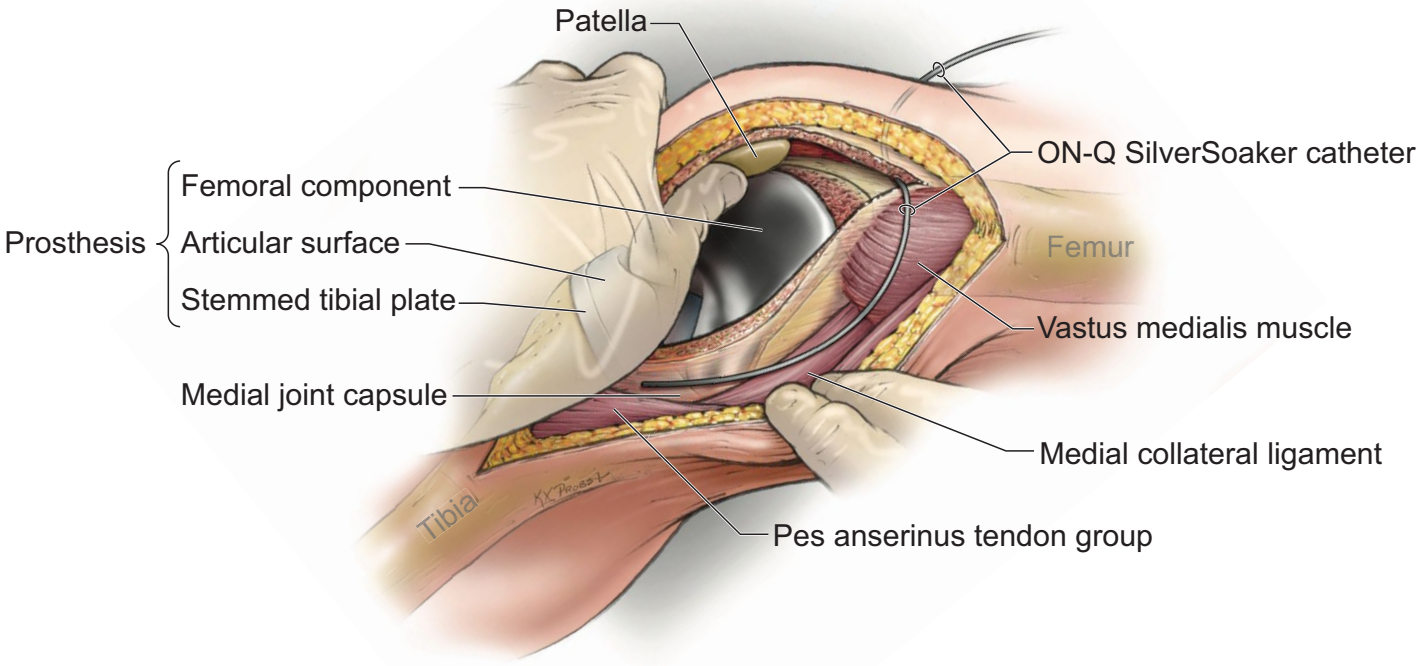
Right Leg
(medial view)



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INDICATIONS FOR USE

- The ON-Q* pump is intended to provide continuous and/or intermittent delivery of medication (such as local anesthetics or narcotics) to or around surgical wound sites and/or close proximity to nerves for preoperative, perioperative and postoperative regional anesthesia and/or pain management. Routes of administration include: intraoperative site, perineural, percutaneous, and epidural.
- ON-Q* is intended to significantly decrease pain and narcotic use when used to deliver local anesthetics to or around surgical wound sites, or close proximity to nerves, when compared to narcotic only pain management.

CONTRAINDICATIONS

- ON-Q* is not intended for blood, blood products, lipids, fat emulsions, or Total Parenteral Nutrition (TPN).
- ON-Q* is not intended for intravascular delivery.

There are inherent risks in all medical devices. Please refer to the product labeling for **Indications**, **Cautions**, **Warnings** and **Contraindications**. Failure to follow the product labeling could directly impact patient safety. Physician is responsible for prescribing and administering medications per instructions provided by the drug manufacturer. Refer to **www.avanospainmanagement.com** for additional product safety Technical Bulletins.

For more information please visit: avanospainmanagement.com
Call 800-448-3569 in the United States and Canada.

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