

Abdominal Aortic Aneurysm (AAA) & Aortobifemoral Bypass Cases Protocol

*This guide is meant as a reference, and does not reflect the opinion of Symbios Medical Products. Placement technique is ultimately up to the surgeon. The physician performing this placement has given his recommendation on the following surgery for educational purposes only.

Surgeon: Dr. Parvez K. Sultan

Institution: Trinity Medical Center

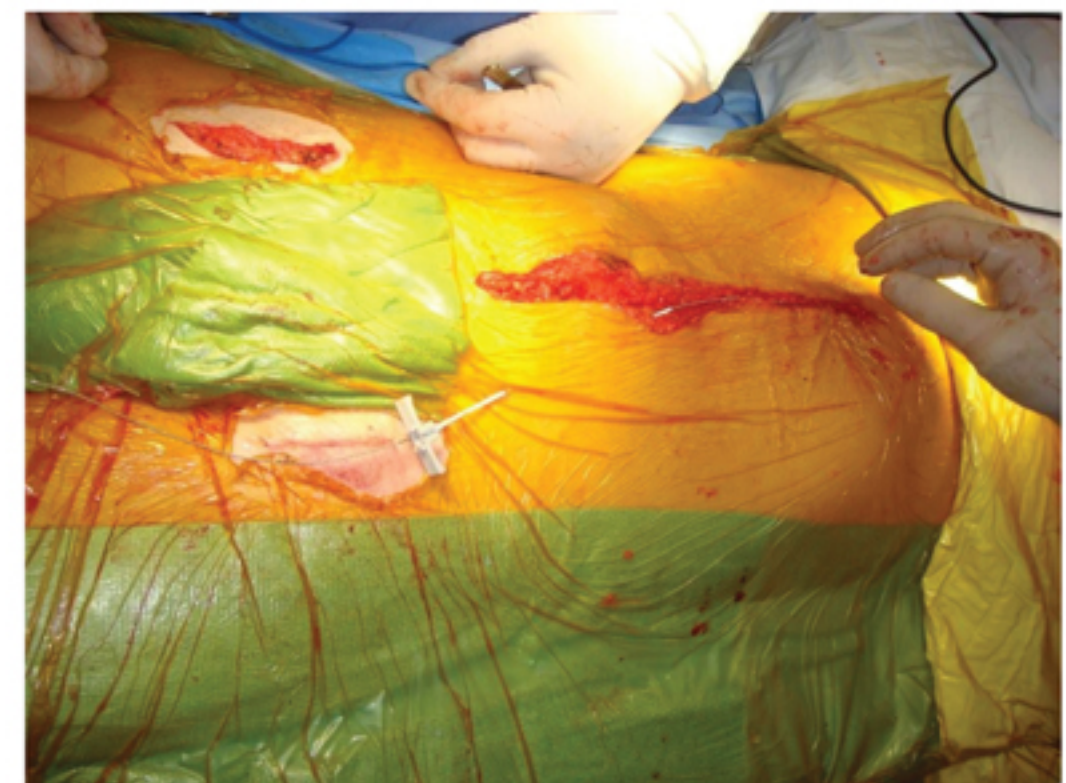
Pump used: GO Pump™ Dual Rapid Recovery System; Reorder #D300-F0502x2
(300ml max vol * 150ml/side * 2ml/hr/catheter * 5" fenestrated catheter)

Drug concentration: Pump filled with .5% Marcaine

Pre-incision infiltration: .5% Marcaine, 20-30cc injected directly where the abdominal incision is made, prior to incision (pre-incision). Go deep enough to infiltrate the fascia with this injection.

Catheter placement technique:

The GO Pump™ Dual catheters are inserted from the lowest point of the incision. GO Pump™ catheter #1 is laid on top of the fascial closure of the abdominal wall to reduce incisional pain.



Catheter #1 placement

Catheter #2 is placed above so that it can infiltrate the skin and subcutaneous tissue. This blocks the cutaneous nerves and reduces incisional pain.

For Aortobifemoral Bypass, introduce the catheter through the incision on both sides to cover the groin incision.



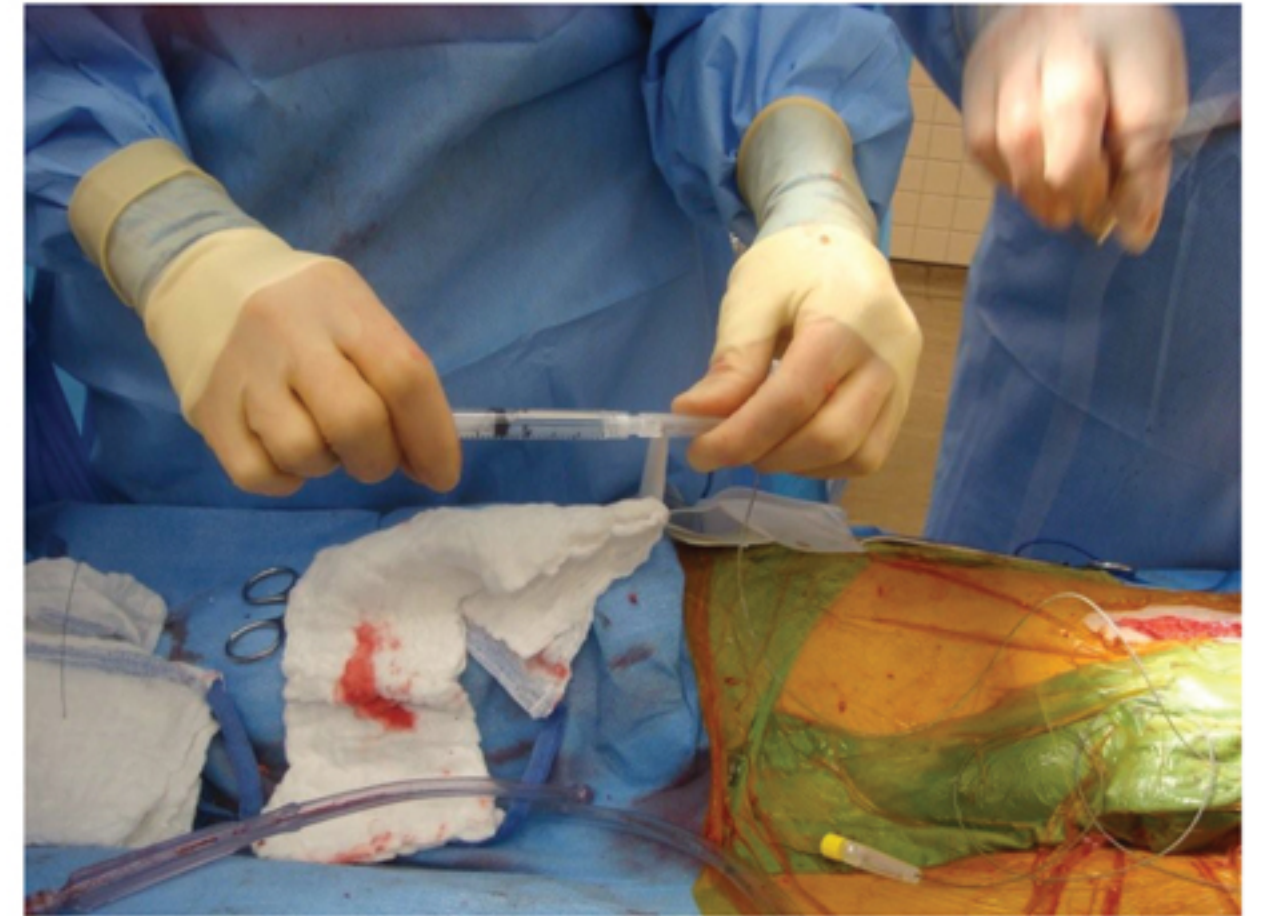
Catheter #2 placement

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Postoperative bolus technique:

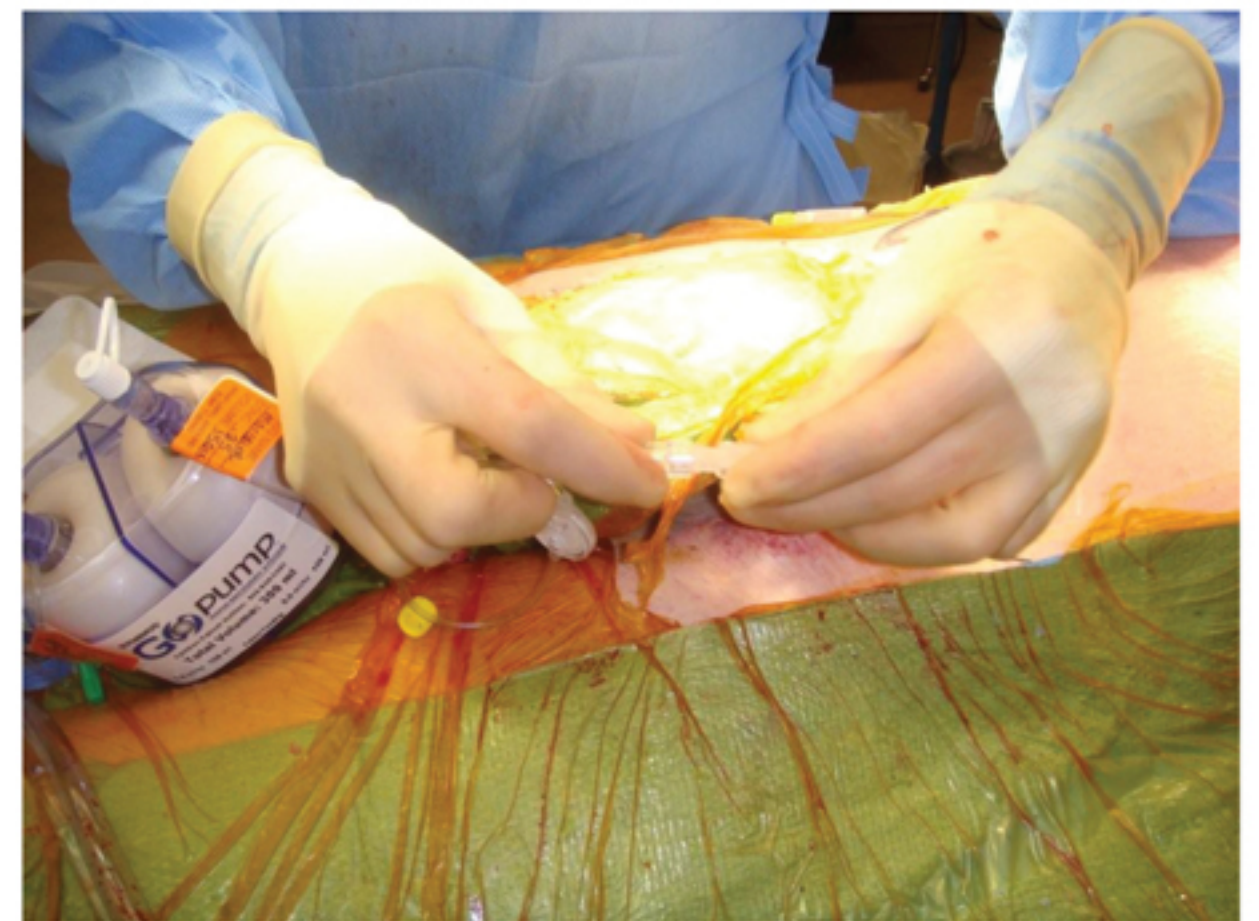
20-30cc bolus of Marcaine is given just prior to skin closure to ensure that the catheters are not blocked. Infiltrate the incision with a bolus dose of medication for postoperative pain control.



Postoperative bolus

Wound closure & securing the catheter:

The fascia is closed (deepest layer) with O-looped PDS. Then 2-0 vicryl is used to close tissue in two layers. Finally, the skin is closed with 3-0 monocryl. Catheters are secured with 3-0 silk.



Final closure and pump

Additional postoperative pain medications:

Patient is usually given morphine sulfate PCA for 24 hours and then switched to oral narcotics q 4-6 hour PRN from POD #1. Morphine may be given as a breakthrough pain medication PRN.