Robotic Retromuscular VHR

Tips & Tricks

AHSQC Summit 2018

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Disclosures

Intuitive

Ethicon

W.L. Gore

Maquet/Getinge
Tips & Tricks

Minimize complications
Enhance recovery
Improve outcomes
Tips & Tricks

Avoiding complications: anatomy

OR Efficiency

Recovery: ERAS

eTEP
Anatomy is King: TAR
Anatomy is King: Midline
Anatomy is King: Midline
Anatomy is King: Subxiphoid

- Posterior sheath insertion
- Transversus abdominis muscle
- Diaphragm
- Preperitoneal space

OR Efficiency: Setup

OR Team

Instrumentation

Bedside assistant
OR Efficiency: Setup
OR Efficiency: Double-dock
OR Efficiency: Suturing
Recovery: ERAS

Multimodal analgesia:
Preop cocktail:
  Celebrex, Tylenol, Lyrica
  TAP block vs Epidural
Intraop:
  • ketamine infusion
  • lidocaine infusion
  • minimal / no opioids
Postop:
  • non-opioids: toradol, tylenol
  • ketamine infusion
  • PO opioids only
Early diet advancement

Significant reduction in in-hospital opioid use
Recovery: TAP Block

Transversus abdominis plane block
US guided (Anesthesia) prior to incision

Compared to traditional epidural/ERAS:

- Significant reduction in in-hospital opioid use
- Significant reduction in LOS

Warren JA, to be presented at Southern Surgical 2018
eTEP
Summary

**Minimize complications** with thorough anatomic knowledge

**Enhance recovery** with surgical approach, ERAS protocols

**Improve outcomes** with surgical approach, sound technique, operative efficiency, ERAS