CleanCision™ Wound Retraction and Protection System
Redefining Intraoperative Wound Protection
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Redefining Intraoperative Wound Protection

Intraoperative wound irrigation (IOWI) and continuous wound edge protection (CWEP) are independently proven practices for reducing surgical site infection (SSI) and the risk of wound contamination. CleanCision is the first in a new class of irrigating wound protection devices to provide self-retaining wound retraction, continuous wound edge protection, and intraoperative wound edge irrigation with a sterile irrigant solution.

CleanCision is the only intraoperative device capable of combining the synergistic benefits of continuous intraoperative wound edge irrigation and protection, integrated into a universal abdominal access platform.

Irrigation is provided via luer connection to a standard IV bag, allowing selection of sterile irrigant solution warranted by the clinical situation.

CleanCision may aid in the prevention of wound edge contamination.

Easier and faster to deploy than currently marketed wound protector/retractor devices.

CleanCision is compatible with incisions ranging from 7-16 cm in length.

Wider incision range reduces inventory expense and storage requirements and may reduce duplicate and triplicate usage in complex cases.

Excess sterile irrigant solution removed from wound edge via connection to suction cannister.

CleanCision is delivered to wound edge via connection to IV/irrigation bag.

Up to 48% of abdominal wounds are contaminated during surgery.

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13-36% of contaminated wounds result in infection. 3,6

Critical threshold concentration of 10^6 bacteria per gram. 3,6

2/3 of abdominal SSI are caused by enteric bacteria. 3

Want to reduce surgical site infections (SSI)?

Start by reducing bacterial contamination.

Bacteria Contamination in a Porcine Model of Colorectal Surgery 6

CleanCision has been shown to achieve sustained reductions in postoperative bacterial contamination in pre-clinical studies. 6

IOWI Reduces Risk of SSI

CWEP Reduces Risk of SSI

Wouldn’t it make sense to combine the benefits of both into a single device?

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— Dr. Papaconstantinou

“CleanCision is the only intraoperative device capable of combining the synergistic benefits of continuous intraoperative wound edge irrigation and protection, integrated into a universal abdominal access platform.”

— Scott & White Colorectal Surgeon

“I’m impressed how the same device can be used for a 7 cm and a 15 cm incision.”

— Dr. Moesinger, Intermountain Healthcare Colorectal Surgeon

“In my opinion, the device has great potential to reduce SSIs, which in turn could reduce length of stay, readmissions, and costs.”

— Dr. Papaconstantinou

Scott & White Colorectal Surgeon
Product Information

Prescient Surgical products will be available from Prescient Surgical and specialty distributors. For the latest product information, visit www.prescientsurgical.com or email us at info@prescientsurgical.com.

The CleanCision Wound Retraction and Protection System will be available for commercial use in early 2018. For clinical use inquiries, please email us at info@prescientsurgical.com.

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How it Works

Fluid is delivered to the wound edges via gravitational feed from an external fluid bag into the device and through the permeable outer layer of the integrated sheath. After contacting the wound edge, excess fluid is removed through a separate chamber within the sheath via connection to wall suction. The inner layer of the sheath is impermeable to fluids present in the surgical field.

Continuous Irrigation

CleanCision enables hands-free, continuous irrigation of the wound edges throughout the duration of a procedure, and may aid in the prevention of wound edge contamination.

6. Pre-clinical data on file; CleanCision used with Gentamicin (240mg/L) sterile irrigation fluid.