

QUICK FACTS

JumpStart® Dressing

Advanced Microcurrent Technology to Combat Sternal Wound Infections (SWIs)



Wound infection after median sternotomy

is one of the most common surgical site infections (SSIs) following cardiac surgery¹

Superficial sternal wound infections (SSWIs)

involve only the skin, subcutaneous tissue, and/or deep fascia and have no bony involvement²

Deep sternal wound infections (DSWIs) can affect muscle tissue, sternum, substernum, and mediastinum²

50%
of SSIs are preventable³

SWIs occur in **0.25%-5%** of all cardiac surgery patients with median sternotomies^{2,4-5}

Increased costs of care: **\$7,981** for SSWI, **\$111,175** for DWSI⁵

Increased readmission rate of **~4.3%**⁵

JumpStart Dressing's Advanced Microcurrent Technology® Can Reduce the Risk

- › Kills a broad spectrum of bacteria, including multidrug-resistant and biofilm-forming bacteria, and the **most common pathogens found in DSWIs (staphylococci and gram-negative bacteria)**⁶⁻⁸
- › Embedded microcell batteries generate electricity designed to mimic the skin's natural electric current, which is essential for cell migration and healing⁶⁻⁷
- › FlexEFit design is buildable to cover incisions of any length and angle
- › Can be applied pre- and postoperatively to help reduce risk of infection

References

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