Preoperative Application of JumpStart® Antibacterial Wound Dressing for Shoulder Replacement Surgery

Powered by Electricity

Electricity is essential to wound healing. Skin has natural electric fields that create energy. These electric fields change when the skin is cut or wounded, leading to cell migration and re-epithelialization, which are key components of healing.¹

JumpStart is a microcurrent dressing designed to mimic the skin’s natural electric fields, which may reduce the risk of infection while supporting the body’s natural healing process.²⁻⁵

When applied preoperatively, JumpStart antibacterial dressings may reduce the chance of infection that can be associated with implant placement and may be effective in reducing the risk of surgical site infection (SSI).

Why Use JumpStart Antibacterial Dressing Preoperatively?

- JumpStart dressing kills a broad spectrum of harmful pathogens that can cause infections, including multidrug-resistant³ and biofilm-forming bacteria²⁻⁴,¹⁰

- JumpStart dressing has been shown to be equally as effective in preventing the growth of bacteria as traditional skin preparation products¹⁰

- When used both preoperatively¹¹,¹² and postoperatively,²⁻⁵ JumpStart dressing can provide enhanced antibacterial protection to incision sites

Why is surgical site infection (SSI) prevention so important?

Acquiring an SSI leads to an average added hospitalization of 9.7 days⁶

50% of SSIs are preventable⁷⁻⁹

When a microcurrent dressing was applied preoperatively for patients with existing bacteria:

60% showed no bacterial growth at the time of surgery¹²
Dressing Application

Pre-application Steps

1. Cleanse area with an appropriate cleanser; your doctor can advise on what to use.
2. Moisten the dotted JumpStart® pad with water or a thin, even layer of hydrogel. Apply immediately after moistening by following the application instructions.

Remove center liner and moisten dotted pad with sterile saline, water, or water-based hydrogel.

Apply, dots down, onto skin surface.

Remove remaining liners and smooth adhesive down over skin.

Note: Do not remove the dressing once it has been applied as it will only adhere one time.

References


Designed for All Patients

■ Wide array of shapes and sizes to fit various incision sites
■ Stays in place and moves with you, even during range-of-motion exercises
■ Water-resistant and allows for light bathing
■ Up to 48-hour preoperative wear time12,13 (or as instructed by your physician)10,12

Note: If you have a skin reaction to the dressing, carefully remove it and contact your surgeon’s office.