



WOUNDS 2020

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THE WOUNDS AUSTRALIA NATIONAL CONFERENCE

Brisbane Convention and Exhibition Centre
4 - 6 November 2020

Use of Bacteria and Fungi Binding Surgical Dressings to Prevent Surgical Site Infections in our Practice.

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Situation/ Introduction:

Dressings don't heal wounds however using Sorbact with every dressing change, the reduced bacterial load helps to create optimum conditions for the natural wound healing process. Many of our patients are elderly and have comorbidities such as diabetes and obesity which means the need to control complications from increased microbial load and prevention of infection is critical.

Method:

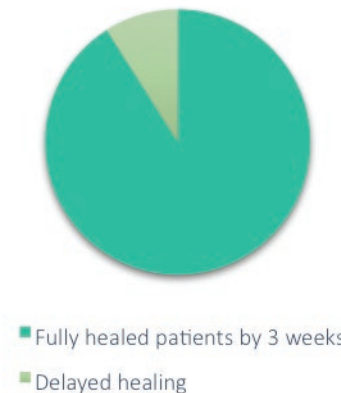
In our practice, any patient undergoing excision of a lesion (+/- flap repair) below the knee has a Sorbact Surgical Dressing applied directly to the wound following closure. Velband, crepe bandage and double tubigrip are also applied. These types of post-operative dressings are also used on surgical wounds greater than 6cm in length (e.g. lipoma excised from back).

In high risk patients (advancing age and comorbidities), Sorbact is replaced and left on for another week. Then either reviewed in the clinic or removed by the patient.

Results/ Outcome:

Data collected from our post-operative patients (over a 4 month period) showed 91% were fully healed in 2 to 3 weeks by using Sorbact Surgical Dressings.

Outcome of using Sorbact



Pre-intervention data is not available however as this is an observational study we can say that prior to the use of Sorbact Surgical Dressings we observed greater numbers of infectious complications and longer periods to heal.

Examples of Lower Leg Wounds 7 Days Post Op having used Sorbact Surgical Dressings:



Conclusion:

As opposed to commonly used antimicrobial dressings, Sorbact releases no chemical agents into the wound. The unique DACC-Coated dressing selectively binds hydrophobic microorganisms, ensuring that bacteria and fungi are retained on the dressing. When it comes to wound healing, it is vital to ensure that healing is as fast and as effective as possible. Sorbact dressings are considered not only cost effective but have reduced surgical site infections in our practice.