

# When it comes to **Patient Experience,** Skin Friendly Solutions matter

Medical-grade adhesives help improve the patient experience by helping manage Pressure Ulcers and Medical Adhesive-Related Skin injuries (MARSI).



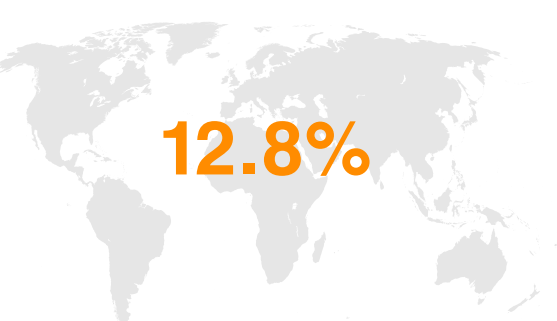
## Pressure Ulcers

### Problem

This condition, also commonly known as bed sores, occurs in people with limited sensation and impaired blood flow who spend extended periods sitting or lying down in the same position, especially in bed-ridden patients.

Bed sores not only cause patients pain, but also put them at risk for serious infections and increased care costs associated with complications.

### Prevalence



Prevalence of pressure ulcers globally. According to a recent study, it was found that pressure injuries were prominent among one in ten adult patients admitted to hospital. Superficial pressure injuries, such as Stage I and II, are the most common stages and are preventable.<sup>1</sup>

### Solution



Silicone, hydrogel, low-trauma hydrocolloid or foam dressings that offer cushioning can help relieve pressure on areas prone to injury.

Moisturizers can help hydrate the skin, helping to reduce the risk of tearing.

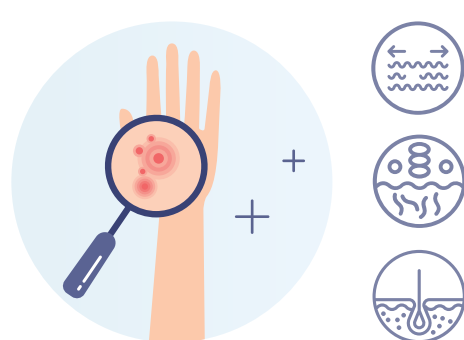
## Medical Adhesive-Related Skin Injury (MARSI)

### Problem

Medical grade adhesives are commonly utilized for a wide range of applications from wound dressings to keeping a medical device in place on the skin. However, MARSI may occur upon removal of the dressing or device.

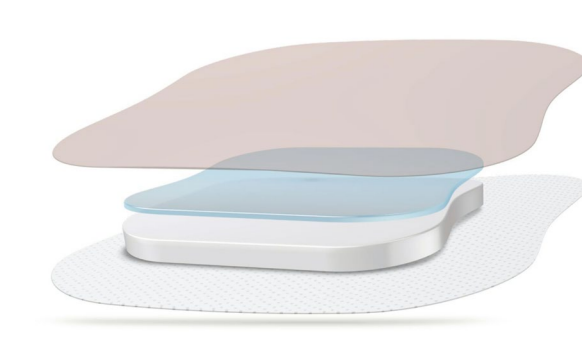
Medical Adhesive-Related Skin Injuries (MARSI) may include epidermal skin stripping, tearing, tension blisters, allergic or contact dermatitis, maceration or folliculitis.<sup>2</sup>

### Prevalence



Incidents of Medical Adhesive-Related Skin Injuries (MARSI) is higher in some populations than others. Prevalence ranges from 3.4% to 25% in ICU patients with a daily mean of 13%. The number rises for elderly patients in long-term care settings (15.4%) and rises significantly for ostomates (77%).<sup>2</sup>

### Solution



Skin friendly adhesives such as silicone gels, polyurethane (PU) gels, hydrogels, and low trauma hydrocolloids, are designed to prevent skin injuries. These adhesives are suitable for sensitive skin and are gentle upon removal.<sup>3</sup>

#### SOURCES:

1. Global prevalence and incidence of pressure injuries in hospitalised adult patients: A systematic review and meta-analysis, by Li, et al., in International Journal of Nursing Studies, May 2020, volume 105:103546, Epubish 31 Jan 2020.
2. Prevention of medical adhesive-related skin injury during patient care: A scoping review by de Faria et al., in the International Journal of Nursing Studies Advances, Dec 2022, Volume 4:100078.
3. LeBlanc K et al. Best practice recommendations for the prevention and management of skin tears in aged skin. Wounds International 2018.

Learn about Scapa Healthcare's skin friendly solutions, [click here](#).