



Your 5-day\*<sup>1</sup>  
window for timely  
and effective  
pressure ulcer  
intervention

PRESSURE ULCER PREVENTION - EARLY & TARGETED INTERVENTIONS

# Provizio® SEM Scanner

# Pressure ulcers are one of the largest unsolved healthcare challenges today<sup>2-5</sup>

Why are pressure ulcers difficult to prevent?



INVISIBLE

Inflammatory changes in the skin and underlying tissues may begin 3 to 10 days before becoming visible.<sup>7</sup>



RAPID

Ulcers can develop quickly with irreversible damage occurring in vulnerable patients within a matter of hours.<sup>8,9</sup>

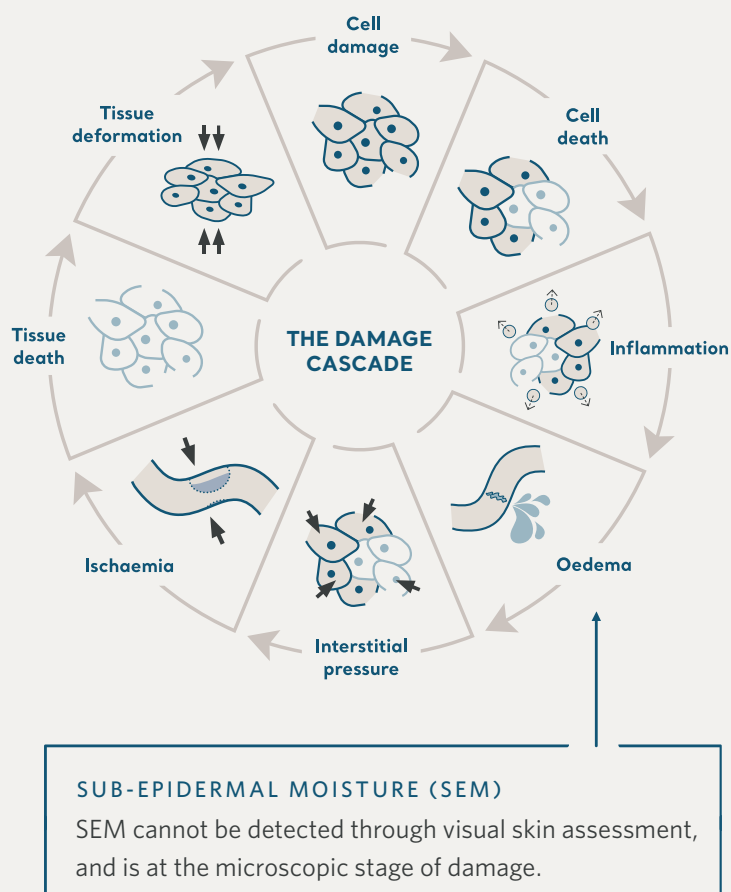
As pressure damage can occur quickly and become evident on the skin only days after development, Risk Assessment Tools (RATs) are key in the prevention of pressure ulcers. However, these come with limitations such as subjective interpretation and low predictive value.<sup>6</sup>

## A new paradigm in early pressure ulcer risk identification

### The role of sub-epidermal moisture (SEM) in the damage cascade

- Inflammation increases vasodilation and permeability of blood vessels, leading to leakage of plasma and fluid creating sub-epidermal moisture (SEM) in the tissue.<sup>8</sup>
- SEM provides a biomarker alerting clinicians before visible damage manifests at the skin surface.<sup>1</sup>

Sub-epidermal moisture (SEM) is recognised in the international guideline recommendations 2.6 and 2.7 since 2019



## Provizio SEM Scanner

The Provizio SEM Scanner identifies increased risk of pressure ulcers at an anatomical site 5 days\*<sup>1</sup> earlier than visual risk assessment, regardless of skin tone.<sup>10</sup>

The Provizio SEM Scanner is a non-invasive device with rapid results that compares SEM measurements across an anatomical site and reports the difference between values at the inflamed vs. healthy tissue site - this is the SEM Delta ( $\Delta$ SEM). The device can automatically transfer data to the comprehensive Gateway Dashboard for patient, ward and facility management purposes.



Objective PU risk assessment on admission and 5 days\*<sup>1</sup> earlier, regardless of skin tone.<sup>10</sup>

Enable timely, anatomically-specific and targeted interventions.

Digitally enhance the PU care pathway and outcome.

## Achieve significant reductions across care settings

Real-world evidence gathered via a number of evaluations across markets:

**47%**

in hospice settings<sup>11</sup>

**90%**

in acute care settings\*\*<sup>12</sup>

**86%**

in long-term care<sup>13</sup>



A SEM  $\Delta \geq 0.6$  at an anatomical site indicates an increased risk of pressure ulcer.





Set a new standard of clinical excellence

## Book a call with your Arjo Rep to see how Provizio SEM Scanner can help reduce your pressure ulcer incidence rates.

Visit [www.arjo.com/semscanner](http://www.arjo.com/semscanner)

Scan the QR code to view the product web-page for videos, specifications, training guide, Gateway details and more.



[www.arjo.com/provizio](http://www.arjo.com/provizio)

\* Median

\*\* Weighted average

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At Arjo, we believe that empowering movement within healthcare environments is essential to quality care. Our products and solutions are designed to promote a safe and dignified experience through patient handling, medical beds, personal hygiene, disinfection, diagnostics, and the prevention of pressure ulcers and venous thromboembolism. With over 6000 people worldwide and 60 years caring for patients and healthcare professionals, we are committed to driving healthier outcomes for people facing mobility challenges.

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