

HUMASKAN

Bringing non-invasive medical tests home

WoundSkan

Wound Dressing Non-Invasive Monitoring

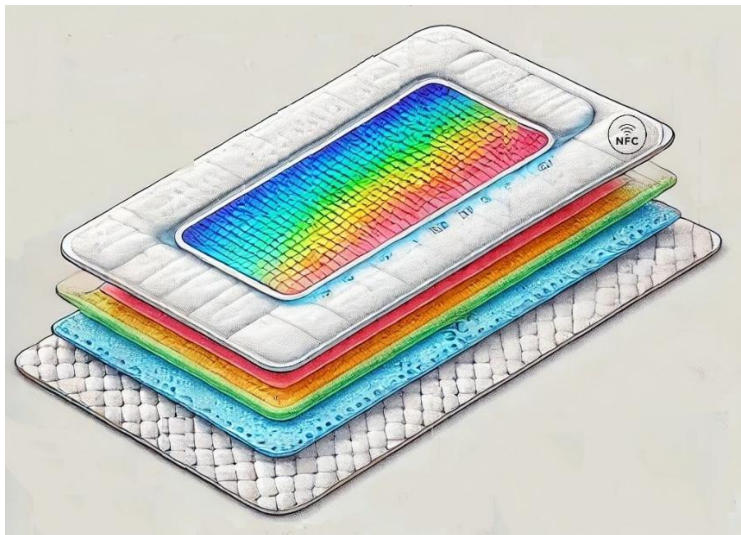


WoundSkan is a patented non-invasive way to measure the surface temperature of a wound at skin surface level.

Monitoring wound temperature is an important indicator of wound healing or potential infection, yet conventional methods often require removing the dressing, causing disruption to the wound and discomfort to the patient. The invention addresses this challenge by providing a non-invasive method to monitor wound temperature without requiring removal of the dressing.

WoundSkan provides a wound dressing pad incorporating a liquid crystal display that changes colour to indicate the temperature of the underlying skin within a range of 30°C to 39°C. to give a quick visual display as to the core wound temperature, compared to the normal temperature of the surrounding skin.

Additionally, a passive NFC tag embedded within the dressing provides temperature data when the WoundSkan app, initiated on a suitable receivable device (iPhone or Android) is held over the WoundSkan dressing. The app holds historic wound data, which can be transferred to hospital records on an ad hoc basis. Each individual WoundSkan dressing has a unique identifier so patient wound temperature data records collected, are not mismatched.



This single-use, disposable wound dressing pad does not require power or any additional electronic circuitry, making it cost-effective and easy to manufacture.

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