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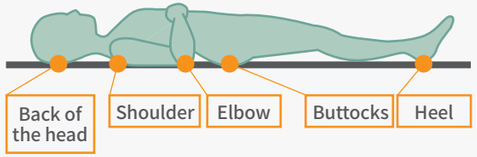
What Causes Pressure Injuries?

Because of lying down for a long period of time, unable to move the situation caused by the skin bone protrusion of the pressure injury, and lead to skin tissue due to long term excessive pressure , and tissue ischemia and necrosis, and then produce redness, broken skin or ulcers and other phenomena.

Common Sites of Pressure Injuries



Pressure Injury Illustration

Pressure injuries commonly occur in elderly, mobility-im-paired,and long-term bedridden patients, including those in proctology, ENT, and ICU care.

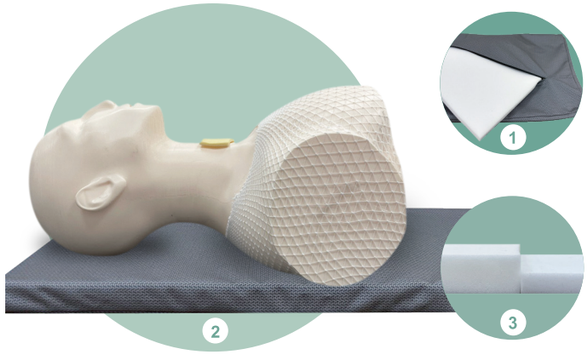


Common alternatives: Pillows, blankets, or towels

1. Insufficient thickness provides inadequate pressure relief.
2. Non-breathable materials may cause skin irritation and discomfort with prolonged use.
3. Difficult to use.

TAICEND Body Decompression Pad

Spec.	REF
74x40x2cm	R1-005-50-C
74x40x3.5cm	R1-006-50-C



1 Polyester fabric-Waterproof , Easy to Clean

Waterproof outer cover protecting the inner polyurethane foam from contamination caused by incontinence, wound exudate, and other sources. It is easy to clean and convenient to use.

2 Can be used as a turning and posing pad



Non-slip polyester fabric cover for patient turning and positioning.

3 Polyurethane Foam-Pressure Relief, Comfort

Patented polyurethane foam design redistrib-utes pressure, reduces concentrated pressure over bony prominences, and helps relieve discomfort from pressure injuries.



TAICNED
Skin Pressure Relief Series

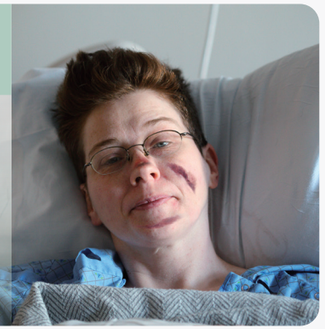
Redistribute Pressure | Pressure Relief | Maintain Permeability

What Causes Facial Pressure Injuries?

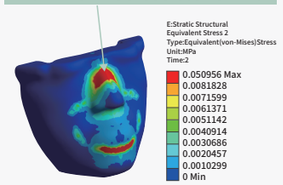
Patients with “chronic diseases” and “long-term care” often need to wear simple oxygen masks to assist in breathing . However, long-term use may cause pressure sores on the patient’s face.

Pressure Injury Illustration

Pressure injuries are caused by prolonged pressure on the skin, which can lead to tissue damage, redness, skin breakdown, or ulcers.



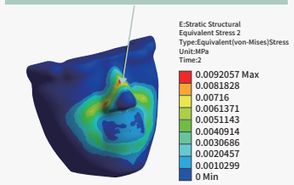
Maximum Stress 0.025MPa



Not used

It is easy to concentrate the pressure and cause bruises on the face.

Maximum Stress 0.0046MPa



Use TAICEND skin pressure relief pad

The pressure is evenly distributed, and it can absorb 95% of the pressure injuries caused by the equipment.

Common alternatives:

Hydrocolloid dressings or non-pressure-relieving foam.

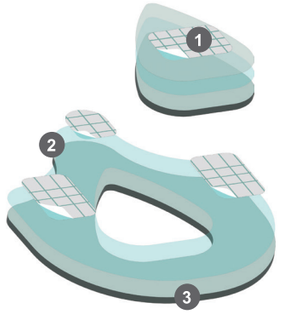
1. Requires manual cutting and shaping, making it inconvenient to use.
2. Insufficient thickness provides inadequate pressure relief.
3. Not reusable.
4. Non-breathable materials may cause skin irritation and discomfort with prolonged use.

TAICEND Skin Pressure Relief Pad (Sterile)

For NIPPV Facial pressure relief pad

REF : R2-007-51-C





1 Breathable, Low-Sensitivity Adhesive Layer

Medical-grade adhesive gently adheres to the skin and can be repositioned. Adhesion recovers after drying.

2 Soft & Comfortable Skin-Contact Layer

Made of soft polyurethane foam for enhanced comfort. Its smooth surface helps reduce friction at pressure points.

3 Pressure-Relief Foam Layer

Patented PU foam redistributes pressure around bony prominences, reducing concentrated pressure and relieving discomfort.

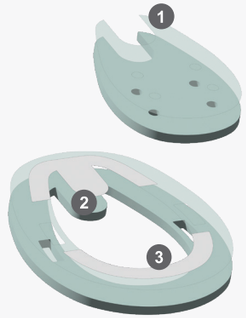


TAICEND Skin Pressure Relief Pad (Sterile)

For Simple O2 Mask

REF : R2-008-51-C





1 Soft & Comfortable Skin-Contact Layer

Made of soft polyurethane foam for enhanced comfort. Its smooth surface helps reduce friction at pressure points.

2 Relief Design for Bony Prominences -Extended Pressure

Extended cushioning helps redistribute pressure around bony prominences, relieving discomfort caused by concentrated pressure.

3 Secure Adhesive Design

Adheres directly to the O2 mask to stay securely in place and provide convenient application.

4 Neck Pressure-Relief Design

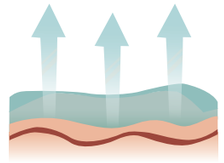
Attaches to the O2 mask straps to help relieve pressure on the neck during prolonged mask use.

Patented Polyurethane Pressure-Relief Foam 3 Key Clinical Benefits



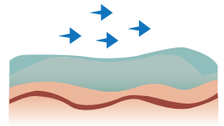
Redistribute pressure

Excellent Decompression ability to avoid pressure sore produced.



Maintain Permeability

With special simulation skin breathability.



Reduce Friction

With smooth surface to attach skin can reduce friction.