

## At last, Shear Comfort® for patients with prolonged immobility

If you know patients who have been immobilised for a considerable period of time, Pressure Smart XD can help prevent and reduce bedsores and pressure ulcers. Created from extra dense wool fibres up to 1900gsm/square metre to easily contour the body, Pressure Smart XD also offers greater cushioning in pressure sensitive areas such as the heels, elbows, ankles, lower back and buttocks.

- Reduces Pressure
- Reduces Humidity
- Reduces Friction
- Reduces Bedsores

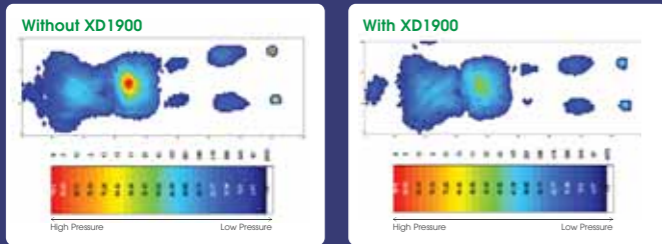
### Incorporating the unique XD1900 technology



XD1900 is unique technology that increases the wool density up to 1900 grams per square metre. This provides maximum pressure relief through its ability to contour and cushion pressure sensitive areas of the body.

### Conclusive Pressure Mapping Trials

- The pressure mapping illustrations show the variance in pressure distribution across a person lying down on a bed with and without XD1900 technology in pressure sensitive areas such as the heels, lower back, buttocks and upper body.



- The unique benefits of XD 1900 technology in providing maximum pressure relief through its ability to contour and cushion pressure sensitive areas of the body is clearly displayed in the "body pressure print" and "heat map" spectrum, with blue indicating low pressure and red indicating high pressure.

## Why PRESSURE SMART XD™?

Pressure Smart XD™ is a unique range of pressure reducing products, made from 100% Australian wool that helps prevent & assist in the healing process of pressure ulcers. This product is also included on the Australian Register of Therapeutic Goods - ARTG No. 148273.

### About Shear Comfort®

Shear Comfort® is the largest manufacturer of Australian Medical Grade Sheepskin products globally, with patients benefiting from the products in more than 20 countries. Using one of nature's finest fibres - wool, Shear Comfort products work to reduce pressure, minimise friction, prevent shear and absorb moisture. The range of products includes Bed Overlays, Pressure Care Assist™, Heel Protectors, Calf Protectors, Foot Protectors & Wheelchair Seating.

### Quality Standards

The Shear Comfort® range of products is listed on the Australian Register of Therapeutic Goods - ARTG No. 148273 and has CE mark & FDA approval.

### Warranty

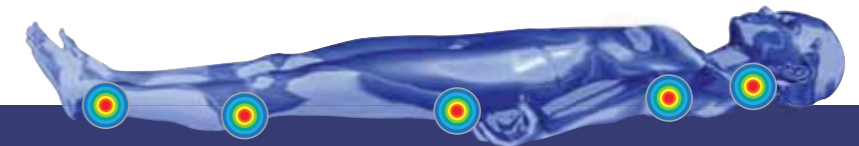
Shear Comfort® warrants that its products will be free from defects for a period of at least 50 washes, provided washing instructions have been followed. This warranty does not cover normal wear and tear or occurrences outside of Shear Comfort's® control. The warranty is subject to other conditions which are fully set out in our Terms and Conditions.

Distributor Details:



## PRESSURE SMART XD™

For the prevention & reduction of pressure ulcers



Shear Comfort®

Medical Products

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Shear Comfort®

Medical Products

## PRESSURE SMART XD™

### Important facts about pressure ulcers

#### What are pressure ulcers?

Pressure ulcers are common in many healthcare settings across the world. They can affect everyone from newborn babies to the elderly and are costly in terms of human suffering and use of valuable medical resources. Patients who have developed pressure ulcers require significantly more care and consequently attract higher medical costs.

#### How do pressure ulcers form?

When skin is starved of nutrients and oxygen for too long, the tissue dies and a pressure ulcer forms. Even slight rubbing or friction on the skin may cause minor pressure ulcers.

#### When do pressure ulcers occur?

Typically a person is at risk from developing pressure ulcers when they are experiencing an extended stay in hospital or spending long periods laying or sitting in the same position.

For example:

- Bed ridden
- Diabetic
- Wheelchair bound
- Limited mobility
- Blood circulation problems
- Joint pains

## PRESSURE SMART XD™

### Key features & benefits

- **Pressure Reducing Capabilities**  
Greater cushioning in pressure sensitive areas such as the heels, elbows, ankles, lower back and buttocks
- **Shear & Friction Management**  
The wool fibres ability to contour and cushion the body reduces resistance
- **Moisture Management**  
Wool absorbs up to 30% of its weight in water, which is a key factor in preventing ulcer development
- **Machine Washable**  
Easy care and longevity without losing its therapeutic properties
- **Thermal Control Capabilities**  
Warm in winter and cool in summer
- **Natural Odour Prevention**  
Wool is naturally anti-microbial and anti-bacterial

*"Many Clinicians mistakenly believe that pressure is the only cause of decubitus ulcers. In fact, there is not one study that points to pressure as the only cause. Effective prevention care and wound care protocols should address Shear, Moisture, Friction and Pressure. I have found Shear Comfort® to be an effective choice, and the most cost effective option available."*

Tal Ellis, Director, Wound Heal Australia

## PRESSURE SMART XD™

### Product range



#### Heel Protector

- The Heel Protectors are effective wherever the feet are placed
- They wrap around the heel and ankle leaving the rest of the foot unencumbered
- Available in 3 sizes: - Small - Medium - Large



#### Pressure Care Assist™ - General use

- Pressure Care Assist™ is designed with linen flaps which can be tucked in under the mattress to keep the Pressure Care Assist in place
- Areas at risk, such as the heels, lower back, buttocks, shoulders or head can be individually and separately cared for



#### Bed Overlay

- A full bed overlay, designed to cover head to toe
- Suitable for long term patients, where shear and friction are a concern
- Available for: - Single bed - Double bed - Queen size bed



#### Seating

- Provides that extra pressure care and comfort for standard seating
- Can be used directly on a seat or can be placed over standard foam cushions to increase pressure care
- One size fits all
- Available for 3 different applications: - Calf Protector - Foot Protector - Cushion-It