

# Pressure injury and safe patient handling

Pressure injuries affect more than  
**2.5M** patients per year<sup>1</sup>



A 10-year prevalence survey in the **Journal of Wound, Ostomy & Continence Nursing**, published in 2017, stated:

the overall prevalence of pressure injuries is **9.3%**<sup>2</sup>



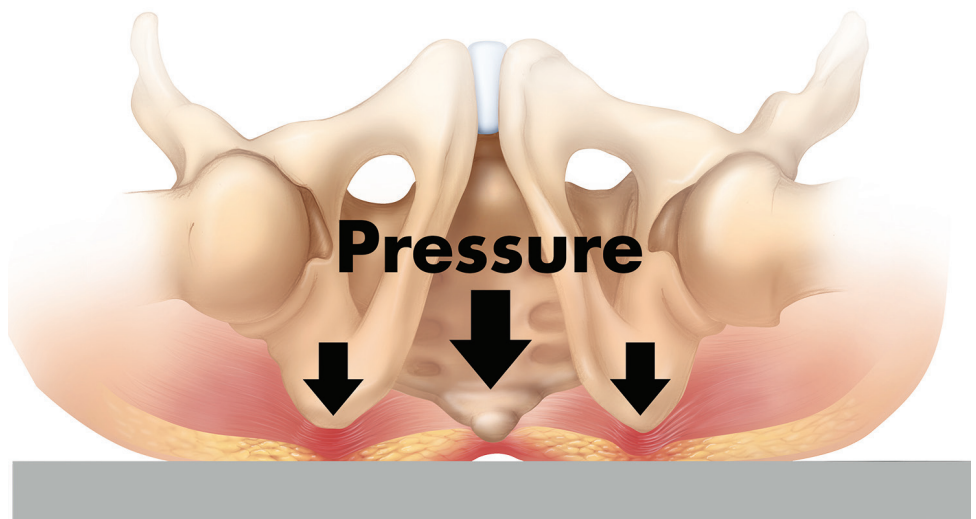
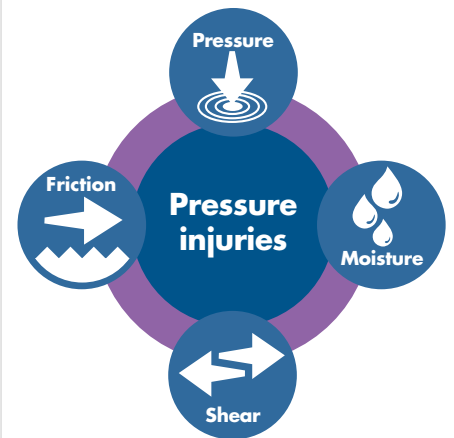
The **sacrum** and the **heel** are the **most common** site for pressure injury.<sup>4</sup>

Cost to treat pressure injuries can range from

**\$20,900 – \$151,700**

depending on the stage of injury.<sup>1</sup>

Address pressure injury risk factors<sup>3</sup>



# How do we stop nurses from **becoming patients?**

Healthcare workers are more likely to be injured on the job than any other occupation—more than construction laborers, firefighters, and police officers.<sup>7</sup>

## It's a costly problem ... that may get worse

# \$37,000

Average direct cost associated with an occupational back injury of a healthcare provider<sup>6</sup>

Estimates project **260,000** unfilled nursing jobs by 2025<sup>7</sup>



# \$27,000 – \$103,000

Cost of nurse turnover<sup>8</sup>



Patient obesity levels are projected to increase<sup>9</sup>

Nurses can lift a cumulative weight of up to **1.8 tons** during an 8 hour shift<sup>10</sup>

# \$15,800

Average compensation claim due to patient handling<sup>11</sup>

The most common tasks that lead to injury are:



patient lifting



patient transferring



patient repositioning<sup>12</sup>



Average age of nurses has risen<sup>13</sup>

## Healthcare worker injury

- High-frequency task
- Posture
- Exertion
- Duration of task<sup>14</sup>



## Prevalon **AirTAP™** Patient Repositioning System

Boosting and repositioning patients in bed is a high-frequency task. The Prevalon AirTAP System uses air-assisted technology to significantly reduce the force required to move patients. To reduce the risk of pressure injuries, the Prevalon AirTAP System maintains an optimal microclimate and delivers proper sacral offloading

### References

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