

# Pro-care Auto

## Providing durable and portable pressure injury prevention for post-acute care delivery

The global pressure injury prevalence rate in acute hospitals is 14.8%, with more than half of hospitalized adult pressure injury cases being Stage I and Stage II, typically in the sacrum, heels, and hips and highest among surgical and critical-care patients. HAPI prolongs hospital stays from 4 days to up to 8 days.<sup>1-3</sup>

The WHO highlights that care transition excludes care handover during staff changes. Transitioning between multiple subspecialties and services leads to high communication errors and patient safety-compromising events. Pressure injury adds 1.4 nursing hours per patient-day, further intensifying the decreasing daily hours of care, patients who received care, and overall care quality due to understaffing.<sup>1,4-6</sup>

Pro-care Auto features a dual compressor pump that inflates the mattress in 20 minutes, with the compressors operating interchangeably to extend relief care during transportation. It calibrates mattress firmness automatically and offers a more subtle alternating pressure relief therapy to improve pressure injury prevention in and out of the facility for hypersensitive, immobile patients, ideal for in-hospital and post-acute care patients.



### Personalized, continuous pressure relief reduces pressure injury risks

Pro-care Auto's dual compressor (8 L x 2) that inflates the mattress in 20 minutes paired with continuous, automatic pressure adjustment fulfills the clinical guideline's recommendation of extending pressure relief during transitioning, transport, or awaiting admission.

### Multiple therapy modes improve caregiving flexibility and workload

Repositioning postoperative, immobile patients significantly complicates the caregivers' workflow and are uncomfortable for patients. Pro-care Auto provides multiple therapy modes to customize pressure relief for patients requiring different repositioning regimens.

### Pressure relief optimized for hypersensitivity prioritizes comfort

Post-acute patients are typically postoperative and prone to overstimulation. Pro-care Auto's more subtle alternating pressure care reduces the clinical guideline's concern about caregivers overlooking pressure injury-related patient comfort and prevention management.

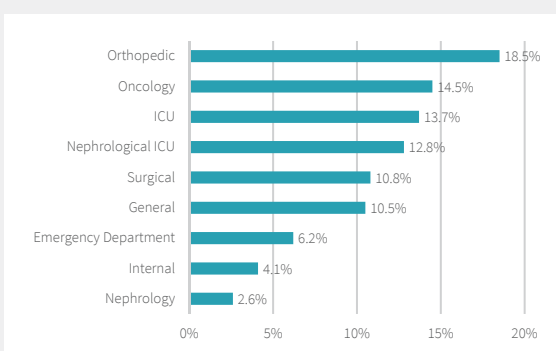
### Structurally enhanced air cell design ensures patients' safety

Pro-care Auto's air cell sleeves strengthen the structure and pressure redistribution to prevent patients from bottoming out, satisfying the clinical guideline's recommendation of optimizing pressure injury prevention and comfort for immobile patients.

# Clinical Application



Surgical and critical care patients are highly prone to developing pressure injuries, due to limited mobility and activity, extended hospitalization, and poor health conditions, increasing the nursing staff's workload by 50%.<sup>2</sup>

Operative experiences such as multiple or emergent surgeries, long operative time, receiving general anesthesia, long durations of anesthesia, intraoperative bleeding, and hypotensive episodes significantly raise HAPI development risks.<sup>7</sup>



Incidence rates of pressure ulcers in different hospital departments.<sup>2</sup>

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Specifications	Pro-care Auto
<b>Pump</b>	
	Dimension 34 x 13.5 x 20.5 cm ; 13.4 x 5.3 x 8 in
	Weight 3.8 kg / 8.4 lbs
	Case material Fire Retardant ABS
	Supply voltage 220 – 240 V / 50 Hz
	Operating cycle 10 / 15 / 20 / 25 minutes
<b>Mattress</b>	Mattress type 20 cm / 8 in replacement
	Dimension 200 x 80 / 85 / 90 / 100 x 20 cm ; 78.7 x 31.5 / 33.4 / 25.4 / 39.4 x 8 in 210 x 85 x 20 cm ; 82.7 x 33.4 x 8 in
	Cell height 20 / 21 x 20 cm / 8 in mattress ; 20 / 21 x 13 cm / 5 in mattress + 3 in (Foam)
	Weight 10 kg / 22 lbs
	Top cover material 4-way stretch PU
	Cell material TPU
	Maximum patient weight 250 kg / 550 lbs (8 in mattress) ; 200 kg / 440 lbs (5 in mattress)
	Flame retardant standards EN597-1 ; EN597-2

Pump: water resistant standards (IP21); Mattress: flame retardant standards (EN597-1, EN597-2), RoHS, WEEE

