

Optima Turn

Reducing patient handling complexity and patient discomfort - Improving repositioning feasibility and pressure ulcer prevention



Be well, Live well

Wellell

Optima Turn

Bilateral Turning Air Mattress

Over 670,000 cases of hospital-acquired pressure injuries occur every year in the United States, with an institutional cost exceeding USD 11.5 million.^{1,2} Pressure ulcers significantly increase inpatient mortality and prolong inpatients' length of hospital stay by 7 to 11.2 days.

Treatment costs over USD 130,000 per inpatient (stage IV) and quickly accumulates due to high readmission rate within 30 days after discharge.

Turning patients at a 30° lateral position (lowest max pressure in lateral position) every 4 hours on an alternating pressure mattress significantly reduces pressure ulcer incidences by 85% and labor-intensity for caregivers and improves patient comfort and overall effort- and cost-efficiency.

Optima Turn's automatic and timer-controlled turning up to 30° supported by alternating pressure, multiple pressure relief therapy options and manually deflatable air cells for heel relief care, all easily accessible through the intuitive pump interface, streamlining patient handling and caregiver workload.



P revent Patient & Caregiver Injury

Automate 30° Lateral Turning

Click-to-activate turning angle, direction, and therapy timer minimize labor requirement for patient repositioning, protect the caregiver from potential injuries, and allow more time and energy to adjust the patient for maximum comfort.

Personalize Heel Relief Care

Accommodate pressure relief care for different body types by deflating individual air cells at the heels for maintaining zero-pressure heel relief, minimizing the patient's risk of developing pressure injuries and prolonging the length of treatment.



Continuous Surface Pressure Relief

Seamless transition between supine and lateral repositioning with alternating pressure paired with firm side bolsters provide maximum patient comfort and security. Seat inflation modes ensure patients stay comfortable and supported when active.

Instant Access to Patient Comfort

Pump's intuitive interface improves patient care by easily customizing therapy with pressure settings, turning angles, rotating directions, therapy timer, alarms, troubleshooting, and rotational pause to halt repositioning operation.

Clinical Application

Enhancing Pressure Relief by 30° of Bilateral Turning

Bilateral turning can significantly reduce interface pressure on patients' body whilst increase capillary circulation.^{1,2}

30 degrees of turning not only complies with clinical guidelines but also provides optimal comfort.³



References:

*1 Peterson MJ et al., Effects of turning on skin-bed interface pressures in healthy adults. Journal of advanced nursing. 2010

*2 Peterson MJ et al., Patient repositioning and pressure ulcer risk—Monitoring interface pressures of at-risk patients, JRRD 2013

*3 Prevention and Treatment of Pressure Ulcer: Clinical Practice Guideline (NPUAP/EPUAP/PPPIA 2014)



Besides, Optima Prone pump comes with below advantages:



- Effortless, 3-in-1 Therapy Solutions
- Customised for Optimal Performance
- Pause Function
- Max Firm Mode for Nursing Activities

Specifications

Model	Optima Turn	
Pump	Dimensions	13.4" x 6.5" x 10.2" / 34.1 x 16.5 x 26.0 cm
	Weight	4.5 kg / 9.9 lb
	Case Material	Flame retardant ABS
	Supply Voltage	220-240V / 50 Hz ; 110-120V / 60 Hz
	Operating Cycle Time	10, 15, 20, 25 min.
	Dwell Time	10, 20, 30, 60 min.
Mattress	Dimensions	78.7" x 36" x 5", side bolsters 10" / 200 x 85/90 x 13 cm, side bolsters 25 cm
	Cell Height	13 cm cells with two turning cells underneath from 4th to 12th air cells
	Weight	11.4 Kg / 25 lb
	Cover material	4-way stretch PU / Polyester cover with welded seams
	Cell Material	TPU
	CPR Knob	1 Piece
	Maximum Patient Weight	180 kg / 397 lb
	Flame Retardant Standards	EN 597-1 & EN 597-2

Specifications are subject to change for improvement without notice

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Effortless, 3-in-1 Therapy Solutions

- Alternating, turning, continuous low pressure are available to tailor for individual healthcare plans



Customised for Optimal Performance

- Selectable turning angles and pressure levels for individual care plan
- Allowing caregiver to facilitate repositioning easily
- One-time lateral turning can be selected by pressing the turning mode button for 3 seconds



Pause Function

- In any scenario possible, it allows caregiver to temporarily stop the pump operation for 10 minutes



Max Firm Mode for Nursing Activities

- Max Firm function can be initiated for better support when conducting patient transfer or nursing activities, it will revert back to previous mode after 20 minutes