

Optima Prone

Labor-Reducing, Face-Depressedur-
Lowering prone positioning workflow complexity and
improving pressure injury prevention



Be well, Live well

Wellell

Optima Prone

Prone Position Solution

A staggering 75% of COVID-19 ICU patients require intensive treatments for severe respiratory distress involving mechanical breathing support.¹ The 74% mortality rate from severe respiratory distress-associated COVID-19 cases² overwhelms global healthcare systems, leading to a devastating shortage of resources and imposing complexity and burden on intensive care units and prone positioning therapy management.

Proned and intubated COVID-19 patients undergo prone treatments for an average of 5 hospital days. However, as proning results in a higher risk of developing pressure injuries (PI), these patients may require 3 more hospital days to treat PI-related complications,^{3,4} reducing the nurse-to-patient ratio further.⁵

Optima Prone's head-to-toe pressure alternation, mechanical apparatus for assisting single-caregiver head repositioning, personalized pressure care with individual air cell deflation, and a unique facial pillow with sculpted ear pocket reduces caregiver workload and risks of pressure injuries, improving patient outcomes.



P revent Patient & Caregiver Injury

Simplify Head Repositioning

Mechanically supporting shoulder lifts while creating space below the patient's chin decreases the caregiver's workload and risk of obstructing airway tubing, allowing the single-caregiver to perform head repositioning safely and efficiently.

Prevent Pressure Injury Risks

Combining a unique headrest (facial pillow, sculpted ear pocket, and alternation pressure), a personalized pressure care system (individual air cell deflation), and cell airflow tracking prevents pressure injury risks, improving patient outcomes.



Manage Airway & Fluid Tubing

Deflating individual air cells to guide proper airway and fluid tubing organization prevents potential obstructions or displacements to hemodialysis flow and catheters, reducing the burden on the caregiver's workflow.

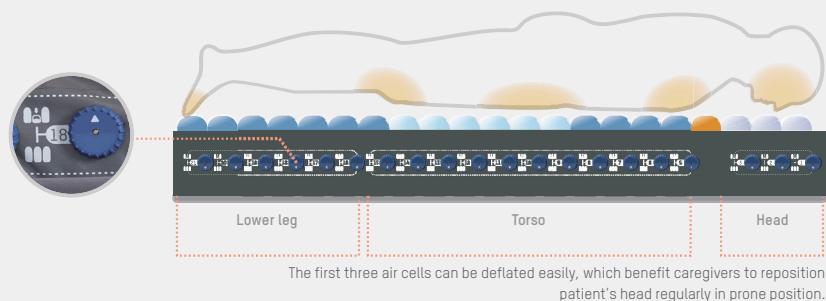
Access to Controls via Interface

Visual interface with LCD enables quick access to controls such as alternating and zone pressure settings, therapy timer, shoulder lift apparatus, and alarm system settings, simplifying patient care for caregiver across all experience levels.

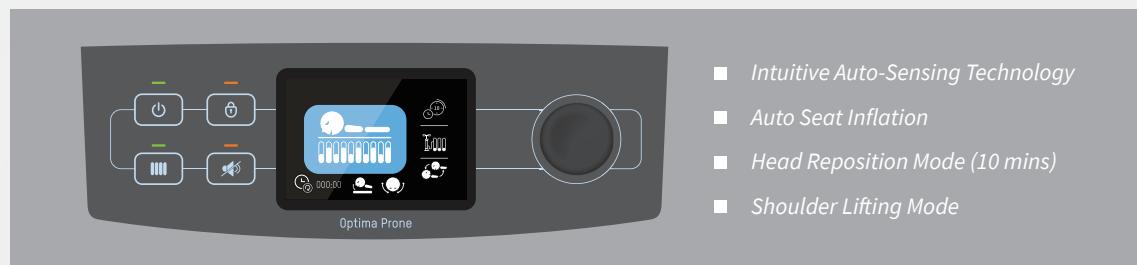
Clinical Application

It demonstrates significant pressure redistribution to fit different patient contours with stability and comfort by providing different air pressure levels in head, torso, and lower leg sections. Moreover, with the ability to offload each of the 20 numbered air cells individually, a more tailored pressure area care can be prescribed.

Early prolonged prone-positioning treatment for respiratory-distressed patients improves blood oxygenation ($\text{PaO}_2/\text{FiO}_2$ ratio), prevents further complications, and reduces mortality rate, acute care admissions, and in-hospital days.



Besides, Optima Prone pump comes with below advantages:



Specifications

Model	Optima Prone
Pump	Dimensions: 34.1 x 16.5 x 26.0 cm Weight: 4.5 kg / 9.9 lbs ; 5 kg / 11 lbs (With battery) Case Material: Flame retardant ABS Supply Voltage: 220-240V/50 Hz; 110-120V/60 Hz Operating Cycle: 10, 15, 20, 25 min.
Mattress	8 " Replacement Dimensions: 200 x 80/85/90 x 20.3 cm Cell Height: 21 QubiCells (20 of them are equipped with deflation function individually) Weight: 14 kg / 30.8 lbs Cover Material: 4-way stretch PU Cell Material: TPU Maximum Patient Weight: 250 kg / 550 lbs Flame Retardant Standards: EN 597-1 & EN 597-2

HEADQUARTERS

Wellell Inc.
No. 9, Minsheng St., Tucheng Dist.,
New Taipei City 236044, Taiwan
T +886 2 2268 5568
F +886 2 2268 6525
marketing@wellell.com

PAN-ASIA

TAIWAN
Wellell Inc.
No. 9, Min Sheng St., Tu-Cheng,
New Taipei City, 236044, Taiwan
T +886 2 2268 5600 / 0800 054 133
F +886 2 2268 6526
customer@wellell.com

STURDY INDUSTRIAL
Sturdy Industrial Co., Ltd.
168, Sec.1, Zhongxing Road, Wugu
District, New Taipei City 24872, Taiwan
T +886 2 2981 5245
F +886 2 2984 8208
foreign@sturdy.com.tw
www.sturdy.com.tw

CHINA
Wellell (Kunshan)Co., Ltd.
No.1368, ZiZhu Road, Kunshan,
Jiang Su Province, China
T +86 512 8617 1660 Ext 1150
F +86 512 8617 8663
customer.cn@wellell.com

THAILAND
Apex Medical (Thailand)
No.111/152 Soi Pho Kaeo Yak 19,
Nawamin, Beung Kum,
Bangkok 10240,
Thailand.
T +66 02 018 2140
sales.thai@wellell.com

PAN-EUROPE

SPAIN
Apex Medical S.L.
Elcano 9, 6^a planta 48008
Bilbao. Vizcaya. Spain
T +34 94 4706408
F +34 94 4706409
info@apexmedical.es

UK
Wellell UK Limited
Unit 33, Great Western Business Park
McKenzie Way, Worcester ,WR4 9GN
United Kingdom
T +44 (0) 190 5774 695
sales@wellell.com

FRANCE
Wellell France S.A.S
4 Boulevard de la Chanterie
49124 Saint-Barthelemy d' Anjou
France
T +33 2 72 79 27 13
F +33 2 85 73 07 67
info.france@wellell.com

GERMANY
SLK Vertriebsgesellschaft mbH
Am Herdicksbach 18, 45731 Waltrop
Germany
T +49 (0) 231-925360-0
F +49 (0) 231-925360-29
info@slk-gmbh.de
www.slk-gmbh.de

AMERICAS

USA
Wellell America Corp.
927 Mariner Street,
Brea, CA 92821, USA
T +1 714 671 3818
F +1 714 494 8173
sales.usa@wellell.com

Distributed by