

CuroCell UNO®

An automatic mattress replacement system
with a dynamic function and with
good comfort and functionality



FACTS	OPTIONAL
<ul style="list-style-type: none"> • Type: dynamic mattress replacement system • Height: 20 cm • Function: an aid for prevention and treatment up to and including category 4⁽¹⁾ • Recommended user weight: up to 250 kg • Input voltage: 100-240 V / 50-60 Hz • Sound level, control unit, max: 20 dBA⁽²⁾ 35 dBA⁽⁵⁾ • Warranty: 2 years • Cleaning of cover: wipe with cleaning agent and/or disinfectants • Machine wash max 95 °C, tumble drying 	<ul style="list-style-type: none"> • Durable bag • Sheet holder
	<p>SIZES</p> <p>80/85/90/105/120 x 200/210/220 x 20 cm</p>

CuroCell UNO®

CuroCell UNO® is used as an aid in the prevention and treatment of pressure ulcers up to and including category 4, and unclassified pressure ulcers⁽¹⁾.

CuroCell UNO® has an automatic control unit with a large touch screen panel with user-friendly interface. The mattress system regulates independently and without manual adjustment the inner pressure of the mattress to different values based on the user's weight and position. No manual action needs to be done to adjust the internal pressure of the mattress.

The mattress is supplied with a four way stretch hygienic outer cover which conforms to relevant standards for hygiene, quality and safety⁽³⁾⁽⁸⁾. All covers are manufactured from modern, recyclable materials and are vapour permeable⁽⁴⁾, which contributes to reduce the risk of skin maceration.

The control unit is equipped with the pulsating mode. With the pulsating mode, the benefits from constant low pressure (reduced maximum pressure) and the pressure-relieving effect of the dynamic mode are combined. Pulsating mode means that the pressure alternates and cells are emptied, but not completely. This gives a lower maximum pressure against the skin and slight movements in the mattress, which contributes to increased comfort and stability.



The clinical effect of the pulsating mode has been investigated in scientific studies where both tissue perfusion, as well as prevention and therapeutic effect is measured⁽⁶⁾⁽⁷⁾.

REFERENCES

- (1) European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed). EPUAP/NPIAP/PPPIA: 2019.
- (2): "EN ISO 11201 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels", SP 2015.
- (3) CDC (2003), Guidelines for Environmental Infection Control in Health-Care facilities, updated 2019.
- (4) SS-EN ISO 15496:2004, DIN 53122-1.
- (5) ISO 3746:2010 "Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane".
- (6) Zwaenepoel, E., et al., Int Wound J, 2020 17(1).
- (7) Worsley P, Dr Bostan L., Bader D. Investigation of the biomechanical and physiological responses to prolonged lying postures during three mattress modes. Report from University of Southampton, 2018.
- (8) SS 876 00 20:2017, Healthcare textiles - Mattresses - Specifications and requirements.



Always read the instruction for use prior to usage of the product.

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FEATURES CONTROL UNIT	FEATURES MATTRESS
<ul style="list-style-type: none"> • Automatic control unit which adapts individual to the user • Large colour touch display with user-friendly interface • Built in instruction manual • 4 modes: alternating, pulsating, static and Max-firm • Pack&Go® function • Silent running and vibration free • Battery backup (optional) • Soft friction hangers with soft tip • Notification function for loss of air and or electricity supply 	<ul style="list-style-type: none"> • Cell on Cell construction with safety mattress • Heel Function • Static head cells • CPR-function for rapid deflation • Smart cable management • PVC free • Easy handling and usage • Chlorine resistant (10 %) multi stretch cover with welded seams • Well protected zipper