

Switch on and switch off with new CuroCell®



Together for a world without pressure ulcers

Pressure ulcers are not just a painful problem for the user. Five per cent of the total annual healthcare budget in Europe is spent on treating pressure ulcers — a health problem that devours hundreds of millions of euros and many working hours in the healthcare sector. Research shows that if all of Sweden's county councils jointly invested just over SEK 33 million in mattresses that prevented pressure ulcers, within five years they would save as much as SEK 1.5 billion*.

Care of Sweden helps the healthcare sector to take better care of its users, partly by preventing pressure ulcers. The head office, R&D and production are located in Tranemo, western Sweden, and our products are used at care facilities across Sweden and in many other parts of the world. We offer high-quality products, as well as knowledge and courses in various fields such as pressure ulcers and care beds. We aim to work with the healthcare sector to eliminate pressure ulcers.

EARLY RISK ASSESSMENT

PREVENTIVE WORK



KNOWLEDGE & TRAINING

THE RIGHT PRODUCTS

*Health economic report, Nordic Health Economics, 2017.
To read the full report, please contact your Care of Sweden representative.



New CuroCell® A4 makes your working day easier

CuroCell® A4 is a new, fully automatic air mattress system that's designed to offer the user excellent comfort, while also saving time and resources in working to prevent pressure ulcers up to category 4.

With a new Pulsating Mode which adapts to the user's individual needs and circumstances, the pump and mattress work together in full automation. It is a brand new aid in preventing and stopping pressure ulcers.

Switch on and switch off. New CuroCell® A4 increases comfort for the user, enables better health economy and leads to an easier working day for care staff.



Revolutionary for both the user and care staff

With new technology and smart innovations, we increase comfort for the user while the system is simple and safe to work with.



The same pump goes with all the mattresses!

Increased comfort for the user

The mattresses are designed to allow the user excellent comfort, minimize the effects of shearing forces and provide a good microclimate. Air Flow Control™ ensures, for example, that the air in the mattress cells is reused, thus reducing electricity consumption and noise, and maintaining an even temperature for the user.

- **SILENT AND NO VIBRATION**
- **REDUCED SHEAR DAMAGE**
- **GENTLE PULSATIONS**

Simpler than ever to work with

The brand new pump automatically optimizes the settings for the person on the mattress. No manual setting is required. Moreover, the same pump can be used with all the mattresses in the CuroCell® A4 range. It is, quite simply, impossible to connect incorrectly.

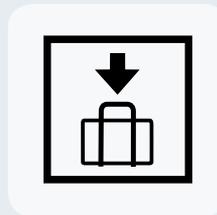
- **USER-FRIENDLY INTERFACE**
- **DESIGNED FOR HIGH HYGIENE REQUIREMENTS**
- **FULLY AUTOMATED PUMP**
- **PACK&GO® DEFLATES THE MATTRESS EFFECTIVELY**



No manual setting is required.



The CPR connection keeps the air in the mattress during transport.



Pack&Go® simplifies deflation

With the Pack&Go® function, a press of a button is all that's needed to empty the mattress of air. Staff can easily pack the mattress away, and avoid having to manually squeeze the air out of used and dirty products.



Air Flow Control™

A new technology that provides a constant temperature, increased user comfort and lower energy consumption.

A solution that everyone can trust

New CuroCell® A4 is safe. The pump runs on low voltage (12 V), which means there is no danger should the power lead be crushed in the bed. With the CPR connection, the mattress can be immediately deflated so that HLR can begin.

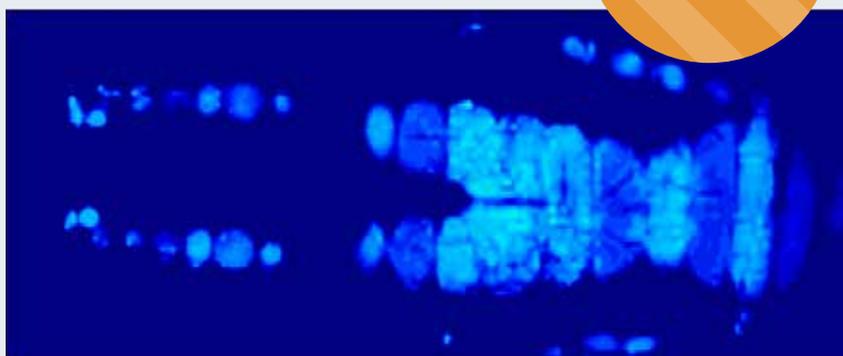
- **LOW VOLTAGE (12 V)**
- **FAIL-SAFE CPR CONNECTION**
- **INFLATION IS MAINTAINED IN A POWER FAILURE**
- **AUTOMATIC ALARM IF PRESSURE DROPS**

New clinical programme: Pulsating Mode

New CuroCell® A4 has an exclusive new programme, Pulsating Mode. The programme is designed to assure better treatment and a more comfortable load on the user. Research shows that Pulsating Mode is the optimum choice for an even blood flow in the user's tissues⁽¹⁾. Based on this and clinical trials, we have decided to recommend and supply CuroCell® A4 with Pulsating Mode set as default. Two other clinical programmes, Alternating and Constant Low Pressure (CLP), can be set using a button on the display.

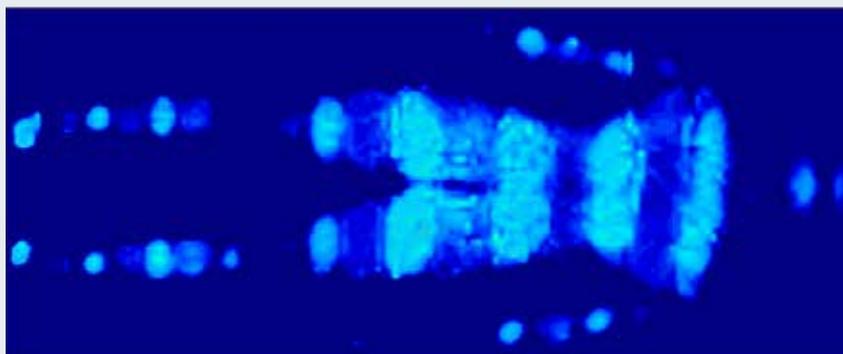
New for
CuroCell®

1. PULSATING



Pulsating Mode is a programme of gentle air pulses that increase comfort and assure an even blood flow in the user's tissues.

2. ALTERNATING



A conventional alternating programme mode that provides good relief but a high threshold pressure.

N.B. The images are for explanatory purposes only and do not show clinical treatment.

Reference material

¹⁾ Dr Peter Worsley, Dr Luciana Bostan and Professor Dan Bader. Investigation of the biomechanical and physiological responses to prolonged lying postures during three mattress modes. Unpublished manuscript. University of Southampton, 2018.

“Nice, simple and intuitive to handle!”

The program settings are simpler than many of the products I’ve used previously. A lot of pumps are quite complicated, but this system feels nice, simple and intuitive to handle. It’s now easy to tell the difference between the various programs. The CPR function too is far simpler and easier. The CPR marking is clearly visible and it’s not concealed in the mattress. The Pack&Go function is a real benefit in my opinion. It means we’ll no longer have to lay on the mattress to squeeze all the air out.

Jesper Nilsson, Nurse responsible for mattresses, Svenljunga



“The display position makes life easier for me as a partly disabled person.”

The new CPR connection and the transport function are fantastic. It means greater peace of mind for me, unlike with other systems where I reach the bed frame before I get to radiology. The system’s also great if there’s a power cut, as it maintains the air level for up to eight hours. The position of the display above the pump makes life easier for me as I’m partly disabled. Even though the system has sophisticated, intelligent functions, it still feels simple and flexible.

Mikael Bynander, home user



“The pump is so quiet, I wasn’t sure it was running!”

The pump feels advanced but is still very easy to use. The display is easy to understand and control. Also, the pump is so quiet I wasn’t sure it was actually running!

Petra Mellberg, Nurse, Helsingborg Municipality





The same pump goes with all the mattresses!

CuroCell® A4 is available in sizes:

- CuroCell® A4 OP10: 10 cm overlay mattress up to 160 kg
- CuroCell® A4 CX10: 10 cm overlay mattress up to 200 kg
- CuroCell® A4 CX16: 16 cm replacement mattress up to 200 kg
- CuroCell® A4 CX20: 20 cm replacement mattress up to 250 kg

CuroCell® A4 is also available in a manual version called CuroCell® M4.

