

Continuous market support.

Product development is an ongoing process. Our product managers and R&D team are dedicated to develop the best products to meet the highest market needs for the best patient care. In this process frequent contact with the market plays an important role. It is our main objective to deliver the best products for the best patient care and improve the quality of life of the patients. Through cooperation with hospitals, nursing homes, healthcare organisations and healthcare providers we continue to explore new ways to offer the most effective and individual solution.

This catalogue offers you a good insight in our complete range of our Pressure Relief Systems and Patient Care Support Systems to meet your needs for Effective Care of Your Patients.

Choose the right product for your patient.

- Body Weight
- Degree of illness
- Ulcer stages according to EPUAP (European Pressure Ulcer Advisory Panel)

Dr. Barbara Braden states that therapy possibilities and various technical requirements were taken into account in the written classification and recommendation as guidance to determine which therapy and support are most effective for the patient.

Please do not hesitate to contact us for product training. We organize regular product training seminars at one of our facilities.

Your ADL Group

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Ulcer Pressure Sore/Stage Classification

EPUAP (European pressure ulcer advisory panel)

developed the scale that classifies Ulcer/Decubitus Stages from I – IV.

We refer to the same EPUAP classification in all our recommendations for product- and pressure relief systems.

Stage I

Sharply defined redness of intact skin. Indicating to an overheating of the skin, indurations or oedema occur. With people with dark skin this can manifest in discoloration of the skin.

Stage II

Partial loss of the epidermis to the dermis. It is a superficial ulcer, which can manifest to abrasion, blister or shallow crater.

Stage III

Damage to all layers of the skin (Epidermis, Dermis and Subcutis) up to the underlying Fascia (soft under layer of connective tissue). Tissue below the fascia are not affected yet. Clinically, the Ulcer appears as a deep injury with or without undermining of surrounding tissue.

Stage IV

Loss of entire skin tissue, with extensive tissue necrosis and damage to muscles, tendons and bones. Undermining and pocket-formation are very common.

Pressure relief systems

Product description	arsos® light	arsos® soft	arsos® plus
Article-number	111 500-DL	111 540-DL-wds	111 550-DL-wds
Contents	1 Large Cell Mattress arsos® light (10 cells) incl. tube connection, 1 PU-cover, 1 dexos® light wds-pump incl. cable, 1 User manual, 1 Service-Check-leaflet	1 Large Cell Mattress arsos® soft (28 cells) incl. tube connectors, 1 PU-cover, 1 dexos® light wds-pump incl. cable, 1 User manual, 1 Service-Check-leaflet	1 Large Cell Mattress arsos® plus (13 cells) incl. tube connectors, 1 PU-cover, 1 dexos® light wds-pump incl. cable, 1 User manual, 1 Service-Check-leaflet
Available spare parts	Spare pump dexos® light wds, incl. cable, Art. Nr. 111 203-DL-WDS-FO, Spare cell, Art. Nr. 111 503, Spare cover PU, blue, Art. Nr. 111 502, User manual, Art. Nr. 112 011-FO, Blower (Electric compressor), Art. Nr. 110 520, Transport bag, Art. Nr. 110 530	Spare pump dexos® light wds incl. cable, Art. Nr. 111 203-DL-WDS-FO, Spare cell, Art. Nr. 111 543, Spare cover PU, blue, Art. Nr. 111 542, User manual, Art. Nr. 112 015-FO, Blower (Electric compressor), Art. Nr. 110 520, Transport bag, Art. Nr. 110 530	Spare pump dexos® light wds incl. cable, Art. Nr. 111 203-DL-WDS-FO, Spare cell, Art. Nr. 111 553, Spare cover PU, blue, Art. Nr. 111 552, User manual, Art. Nr. 113 004-FO, Blower (Electric compressor), Art. Nr. 110 520, Transport bag, Art. Nr. 110 530
Warranty	2 years	2 years	2 years

Product description	lenos® light
Article-number	111 350-NEU
Contents	1 overlay mattress (2 chambers) incl. tube connectors, 1 PU-cover for fixation to foam mattress, 1 lenos® light-pump, incl. cable, 1 clinisan-mattress incl. PU-cover, 1 User manual, 1 Service-Check-leaflet
Available spare parts	Optional: Spare pump incl. cable, Art. Nr. 111 351, PU-cover for fixation of the lenos® light foam mattress, Art. Nr. 111 305, User manual, Art. Nr. 112 009
Warranty	2 years

System	Recommended patient weight (maximum)**					
	100 kg	120 kg	140 kg	150 kg	250 kg	270 kg
arsos [®] light 				●		
arsos [®] soft 	●					
arsos [®] plus 					●	
lenos [®] light 				●	●*	

* With suitable Heavy-Duty mattress

** Information of the weights are only for a lying-position.

Rec. Ulcer Pressure Stage (EPUAP)				Function			Further indications			
Until stage I	Until stage II	Until stage III	Until stage IV	Soft-positioning	alternate & static	30°-positioning	Pain-therapy	Bariatric care	Cachexia-care	Re-usage
			●	●	●		●			●
			●	●	●		●		●	●
			●	●	●		●	●		●
			●			●				●

arsos[®] plus with dexos[®] light

Stage IV (EPUAP)

Large cell Pressure Relief System for ulcer decubitus prevention and -therapy support for medium to very high risk pressure treatment/stage IV (EPUAP). Unique and patented construction of the air in foam cells. Especially for bariatric patients.

- Suitable for application in pain therapy and for bariatric patients
- Maximum patient weight from 150 to 250 kg (24 - 40 st)
- Pump dexos[®] light wds
- Inflates according to Three-Chamber-Principle
- Pressure individually regulated
- Choice for static and alternating pressure, therefore usable in large variety of illnesses
- Extreme low noise and vibration thanks to build in AVS (Anti-Vibration-System)
- Energy saving feature/start-stop-automatically
- Adjustable cycle times
- Easy handling
- Pump to mattress connection method through quick release
- Acoustic and visual alarm
- Key Pad Lock
- LED dimming function
- Power Cut alarm
- **arsos[®] plus mattress**
 - 13 replaceable, integrated PU-cells with PU-foam construction
 - Cells are of foam construction with re-enforced side zones
 - Newly developed CPR valve prevents accidental opening
 - Including high quality PU-mattress cover, water repellent, breathable, 95 °C washable and dryer suitable until 50 °C max
 - Thermal disinfection, therefore re-usable
- Connection through quick release connectors



Technical details



	arsos [®] plus with dexos [®] light compressor
Article-number	111 550-DL-wds
Material	Mattress: Polyurethane · Pump: ABS housing
Warranty	2 years
Electrical values	230 V · 50 Hz/7 W
Fuse	500 mA/slow
Dimensions (inflated)	200 x 90 x 24 cm (79" x 35½" x 9 ½")
Weight	Mattress: ca. 16,3 kg (36 lbs) · Pump: ca. 1,5 kg (3.5 lbs) · Cover: ca. 0,9 kg (2 lbs)
Cleaning	Thermal disinfection
Cover	PU-cover, breathable, water repellent, 95 °C washable, dryer suitable until 50 °C max
Recommended patient weight	150 – 250 kg (24 - 40 st)
Application area	Ulcer/Decubitus prevention and -therapy support for medium to very high risk/stage IV (EPUAP)