

Talley

Talley

...reducing avoidable harms

QUATTRO
plus



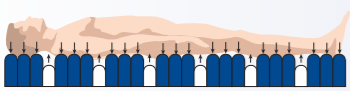
Pressure Area Care Product Range Features and Technical Data

...safe, effective, harm free care

Pressure Area Care product range features


Pressure Area Care product range features

ACTIVE THERAPY



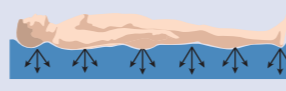
Active support surfaces periodically redistribute the pressure beneath the body and are recommended by the EPUAP / NPUAP for a wide range of patients who cannot be regularly repositioned.

ACTIVE 1-IN-4 CELL CYCLE



An active 1-in-4 cell cycle supports 75% of the patient's body at all times, on groups of three inflated cells, whilst the fourth cell deflates sufficiently to redistribute the pressure and encourage tissue reperfusion. Additional benefits include enhanced patient comfort, less awareness of support surface movement and a reduction of stimulus-related complications such as muscle spasm.

REACTIVE THERAPY



Reactive therapy enhances patient immersion and envelopment into the mattress and applies a constant low pressure to the skin and subcutaneous tissue.

DEEP CELL THERAPY™



DEEP CELL THERAPY allows the cells of the QUATTRO Acute to run at lower internal pressures. This minimises the pressure applied to the patient's skin and subcutaneous tissues during the cycle.

TISSUEGARD™



TISSUEgard enables the partial immersion and envelopment of the patient into the support surface, reducing the pressure on the patient's skin and decreasing the pressure differential between inflated and deflated cells, which helps reduce tissue strain and associated shearing forces.

ORTHO-DIFFERENTIAL SUPPORT™




ODS results in firmer outer edges of the mattress which facilitate patient transfers and provide extra support, safety and comfort for larger or heavier patients. It also creates a softer central area of the mattress, ideal for smaller, lighter patients.

AUTOSUPPORT™



AUTOSupport automatically adjusts pressure within each of the cells throughout the cycle so that support, posture and therapy are constantly maintained at optimum levels, in response to patient weight, movement and position. Equalisation of cell pressure automatically takes place at each stage of the cycle, again to ensure precise pressure and therapy is applied.

COMFORT CONTROL



Allows the carer to adjust the comfort setting in either therapy mode to help patient compliance.

PHASE FLOW™



PHASE FLOW pressure control pump operates on demand only, reducing power consumption, noise and extending service life.

CONTINUOUS LOW PRESSURE




When in Continuous Low Pressure mode pressure is equalised within the cells to create a reactive therapy surface, allowing greater immersion and envelopment into the mattress and optimum pressure distribution.

MULTI-STRETCH



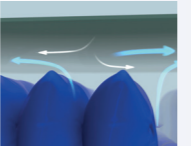
The multi-stretch cover promotes tissue offloading during cell deflation and reduces shear and friction during patient movement or manual repositioning. The material is waterproof, moisture-vapour permeable and all seams are welded to protect the inside of the mattress from fluid ingress.

MAXIMUM INFLATION




Inflates the mattress to maximum static pressure for 15 minutes before returning to previous therapy mode, necessary for some nursing procedures when an active support surface is unsuitable.

LOW AIR-LOSS



Air is released and circulated beneath the mattress cover to reduce humidity and help manage the skin 'microclimate' between the patient and the support surface.

MODULAR CONSTRUCTION



Simple to repair/service on site for minimum downtime.

Product Feature	Air Mattresses				Hybrid Mattresses (Foam + Air)		Foam Mattresses		Cushions		
	QUATTRO® Sentinel	QUATTRO® Acute	QUATTRO® Plus	PULSAIR™ Choice Mattress	FUSION™ Hybrid	FUSION™ Response	POLYFLOAT™ Aero	POLYFLOAT™ Dormira	ATTIVO™ + B.A.S.E.™ Sequential Cushion / Recliner Mat	FUSION™ Hybrid	PULSAIR™ Choice
Therapy Mode	Active Therapy	1-in-4 cell type	•	•	•	•			•		
		1-in-2 cell type								•	•
	Reactive Therapy	•	•	•		•	•	•	•	•	
Cycle Duration (Minutes)	16	16	16	16	8				16	8	8
Air Cell Features	DEEP CELL THERAPY		•								
	TISSUEgard		•	•	•						
	Ortho-differential Support (ODS)	•	•	•	•						
Power Unit Features / Functions	AUTOSupport	•	•	•	•	•			•	•	•
	Continuous Low Pressure	•	•	•							
	Maximum Inflation	•	•	•							
	Comfort Control	•	•	•	•	•			•	•	•
	PHASE FLOW	•	•	•	•	•			•	•	•
Cover Features / Functions	Multi-stretch	•	•	•	•	•	•	•	•	•	•
	Moisture Vapour Permeable	•	•	•	•	•	•	•	•	•	•
	Welded Cover Seams	•	•	•	•	•	•	•	•	•	•
	Machine Washable Cover	•	•	•	•	•	•	•	•	•	•
Mattress Features	Low Air Loss	•	•	•	•						
	Machine Washable Mattress		•	•							
	CPR	•	•	•	•	•					
	Transport Facility	•	•	•	•						
	Cable Management	•	•	•							
Misc.	Active Seat Cushion Available			•	•	•					
	Modular Construction	•	•	•	•	•			•	•	•

Pressure Area Care product range technical data

Dimensions / Materials		Air Mattresses				Hybrid Mattresses (Foam + Air)		Foam Mattresses		Cushions		
		QUATTRO® Sentinel	QUATTRO® Acute	QUATTRO® Plus	PULSAIR™ Choice Mattress	FUSION™ Hybrid	FUSION™ Response	POLYFLOAT™ Aero	POLYFLOAT™ Dormira	ATTIVO™ + B.A.S.E.™ Sequential Cushion / Recliner Mat	FUSION™ Hybrid	PULSAIR™ Choice
Power Unit Dimensions	Length (mm)	350	350	350	350	350				210	350	350
	Height (mm)	233	233	233	233	233				105	233	233
	Depth (mm)	165	165	165	165	165				205	165	165
	Weight (kg)	3.6	3.6	3.6	3.6	3.6				2.2	3.6	3.6
Mattress / Cushion Dimensions *	Length (mm)	2000	1980	1950	1950	1970	1970	1980	1980	430 / 1080	430	430
	Width (mm)	1200 <small>860mm with-out bolsters</small>	900	880	880	880	880	860	880	430	430	430
	Depth (mm)	180	240	180	180	170	170	150	150	70	65	40
	Weight (kg)	23.4	12.5	10.5	8.6	11.9	11.9	14.0	11.0	1.9 / 3.9	1.1	1.3
Mattress / Cushion Materials	PU Air Cells	●	●	●	●	●	●			●	●	●
	Foam	● <small>Bolsters and Base</small>				●	●	●	●	●	●	
	PU Coated Stretch Nylon Cover	●	●	●	●	●	●	●	●	●	●	●
Misc.	Number of Air Cells	17	27	30	30	18	18			48 / 120	7	8
	Maximum user weight (kg)	370	250	200	200	250	250	200	185	127	150	102
	Minimum User Weight	None	None	None	None	None	None	None	None	None	None	None

* UK standard size - approx.max. top surface, inflated +/- 15mm

QUATTRO Acute, QUATTRO Plus, QUATTRO Sentinel, QUATTRO Overlay, PULSAIR Choice, FUSION Hybrid, FUSION Response, POLYFLOAT Aero, POLYFLOAT Dormira, ATTIVO, B.A.S.E. Sequential and B.A.S.E. Recliner Mat are Registered Trade Marks of Talley Group Limited

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