

# ELATA<sup>®</sup>

Hybrid System



# ELATA®

## Zero preventable pressure injuries. That's the goal.

Prevention starts early. Comfort should be effortless.  
Confidence should feel like peace of mind.

Elata®, derived from the Latin word "elatus", meaning elevated, reflects our purpose, which is to deliver personalised, intuitive pressure care that protects life with dignity, comfort, and trust.

We believe true care means more than prevention. It means imagining a future where patients feel weightless and supported in such a way as if no mattress exists at all. Not just reducing pressure, but elevating the body beyond it, removing the risk entirely.

Every Elata® innovation moves us closer to that vision. From pumps that adapt in real time, to hybrid systems that evolve with each client, we are building today for tomorrow's breakthroughs.

Not just supporting patients where they are but uplifting them toward what's possible.

Behind it all is advanced Elata® technology that quietly senses, adapts, and streamlines setup, so clinicians can focus on care, not settings.



## WHY WE EXIST

**We believe in zero preventable pressure injuries.**

It's ambitious but it's necessary. Pressure injuries cause complications. They also add workload and cost. We act before that pain starts.

## WHAT THIS MEANS

- **Care** that preserves dignity.
- **Compassion** that simplifies decisions.
- **Commitment** to better outcomes, every day.

## HOW WE DELIVER

Advanced systems that adapt to every patient and pathway. Designed to simplify prescription, enhance comfort, and reduce clinical risk.

*We deliver personalised, intuitive pressure care, protecting life with dignity, comfort, and trust.*



**Battery Backup** with **Elata PowerGuard™** for up to 12 hours\*



**Lock/Unlock** user Interface



**Alarm Silence** button



**Elata AdaptiveMode™** for personalised responsive therapy



**Constant Low Pressure (CLP) Mode\***



**Max Inflation Mode**



**Pressure Comfort** Setting\*



**Service Required** Alarm and Diagnostics



**Pump/Mattress** Disconnection Alarm



**Low Pressure** Alarm



**Backrest Tilt Sensor** auto support with **Elata TiltSense™\***



*\*Available on EP20AU model only. See Instructions For Use (IFU) for details.*

# MEET ELATA® TECHNOLOGY

## THE PUMP THAT KNOWS YOUR MATTRESS AND WHAT TO DO NEXT.

**Elata ID™** pairs the pump and mattress automatically, then sets the right mode. It's true **plug and go. No menus. No guesswork. Just care.**

### Why it matters:

- Right mode, first time.
- Safer defaults.
- Faster handover.
- Less training.

### Quiet by design

Premium compressor, intelligent air pressure management and anti-vibration control deliver smooth inflation and ultra-quiet operation, for calmer spaces and better rest.

### Modes made simple

Control is simple, intuitive, and one-touch, with breakthrough features like **Elata AdaptiveMode™**, Constant Low Pressure (CLP) and Max Inflation.

### Safety, always on

**Elata PowerGuard™** battery backup (EP20AU only) keeps therapy running during power loss. **Elata SafeHold™** safely powers down to hold stable pressure until mains power returns. Backrest tilt sensing with **Elata TiltSense™** (EP20AU only) adds support when the backrest is raised. Clear, guided alerts keep clients safe.

### Built for today and tomorrow

Serviceable design, USB-C service access, diagnostics, and firmware-ready architecture will extend value across your fleet.

### Built for teams

Easy to clean silicone touchpad and cable management keep things tidy and simple in busy care environments.

## ELATA® TECHNOLOGY

### Elata AdaptiveMode™

**AdaptiveMode™** takes alternating therapy further. The result is personalised, real-time protection that reduces disturbance. Dynamic therapy made simple, providing consistent comfort and effortless care. Clinician Login lets you override the default alternating mode, adding flexibility when needed.\*

### Elata TiltSense™

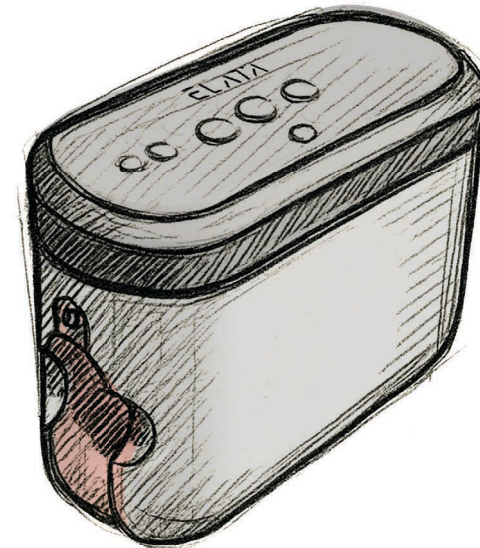
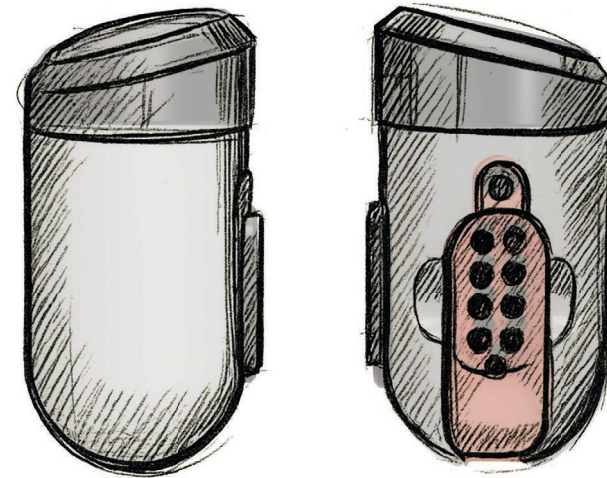
Angle aware support with no guesswork. **TiltSense™** (EP20AU only) uses an internal sensor to detect incremental changes in the backrest angle. As the angle rises, the pump automatically increases pressure. When the backrest lowers, pressure returns to the prior setting. No manual input is required, which helps prevent “bottoming out” and protects comfort when clients are inclined.

### Elata SafeHold™

Peace of mind during a power outage. **SafeHold™** stabilises mattress cell pressures, safely powers down, and protects clients.

### Elata PowerGuard™

Uninterrupted care, even in a blackout. **PowerGuard™** keeps the EP20AU pump running for up to twelve hours, delivering full therapy and then transitioning to safe low power mode until it reverts to **SafeHold™**.



Scan to learn more about the Elata® pump  
\*Patent pending



Scan for technical resources

# ELATA<sup>®</sup>



## ENGINEERED. TESTED. TRUSTED.

WHERE OTHERS SEE ONE FRAME, WE SEE THE WHOLE PICTURE.

We partnered with **Flinders University** to build a **next generation test system**. Traditional mapping captures one static snapshot every 30 minutes. Our system records **thousands of pressure points** every second. This delivers a **true picture** of how weight shifts and movement affects support.

That depth of data underpins Elata's range of mattress models; E300, E400, E500, E600, and E700. So you can trust the results.

## AUSTRALIAN DESIGNED & ASSEMBLED. LOCALLY TESTED.

**Elata<sup>®</sup> pumps are assembled and rigorously tested here in Australia.** That local focus keeps us agile. We listen, adjust, and roll out updates quickly, strengthening performance and delivering the fast, intelligent care clinicians expect.



# EVERY PRESSURE INJURY RISK LEVEL. ONE MATCHING SOLUTION.

SIMPLE CHOICES. CLEAR PATHWAYS.

## Elata® Range. Quick Category Guide

CATEGORY	MODEL	PURPOSE	PUMP	PG
Home Care	E100, E200	Simple prevention for home and aged care. Default choice in home care pathways.	N/A	9
Clinical Foam	E300	Non-powered. Prevents and treats Stage 1-2 pressure injuries. 9-zone foam with side wall support and heel offloading. Low maintenance.		11
Clinical Hybrid	E400	Use alone for Stage 2 pressure injuries, or step up with a pump to support treatment up to Stage 4. Ideal for home and palliative care. Converts as needs change.	EP10AU	15
Clinical Alternating Hybrid	E500	Alternating air/foam system. Combines comfort with therapy. Treats up to Stage 4 pressure injuries.	EP20AU	19
Clinical Alternating Air	E600	Full alternating air (1-in-2 configuration). Treats up to Stage 4 pressure injuries. Ideal for surgical wards, acute wards, or clients with frailty/reduced mobility.	EP10AU	23
	E700	Advanced alternating (configurable 1-in-4). Auto-setup. Treats up to Stage 4 pressure injuries. For ICU, stable spinal, complex rehab, immobile clients.	EP20AU	27

*The EP20AU Pump is fully backwards compatible. It can be used with all Elata pump-ready mattresses (E400 to E700).*



Scan to learn more about the range

# ELATA<sup>®</sup>

## E400

### STEP UP. STEP DOWN. STAY IN CONTROL. ONE MATTRESS FOR CHANGING NEEDS.

A hybrid system with paired air cells and foam inserts. Use without a pump for lower-risk clients. Add a pump for dynamic therapy. Supports Stage 2 pressure injury management without the pump, and up to Stage 4 with the pump.

#### Core Foam

Five pairs of transverse air cells with a foam insert, encased in a waterproof TPU cover which reduce noise and block fluid ingress.

#### Side Wall Support

Adds stability and edge awareness for safer transfers enhancing comfort, balance and confidence.

#### Stability Core Layer

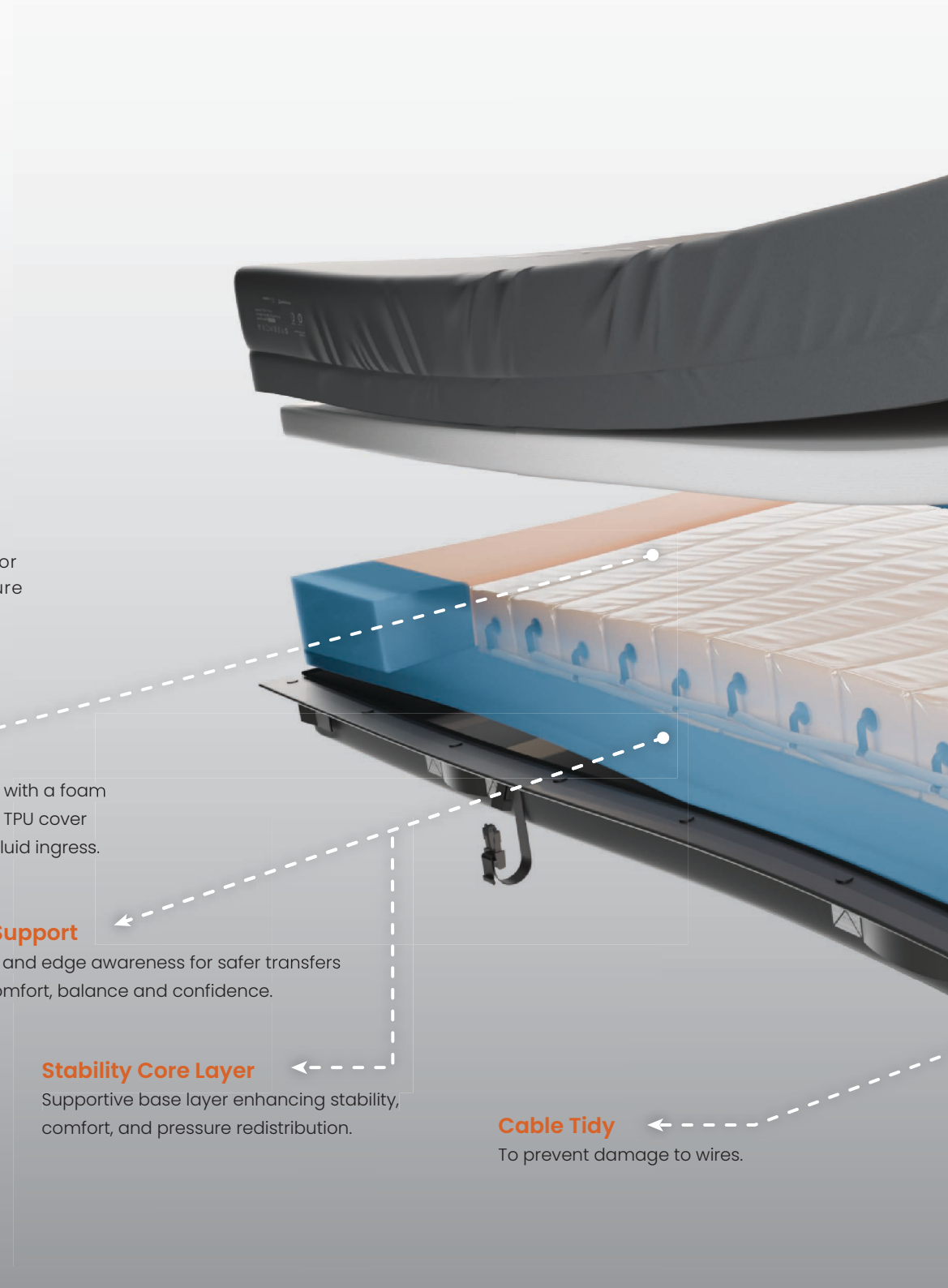
Supportive base layer enhancing stability, comfort, and pressure redistribution.

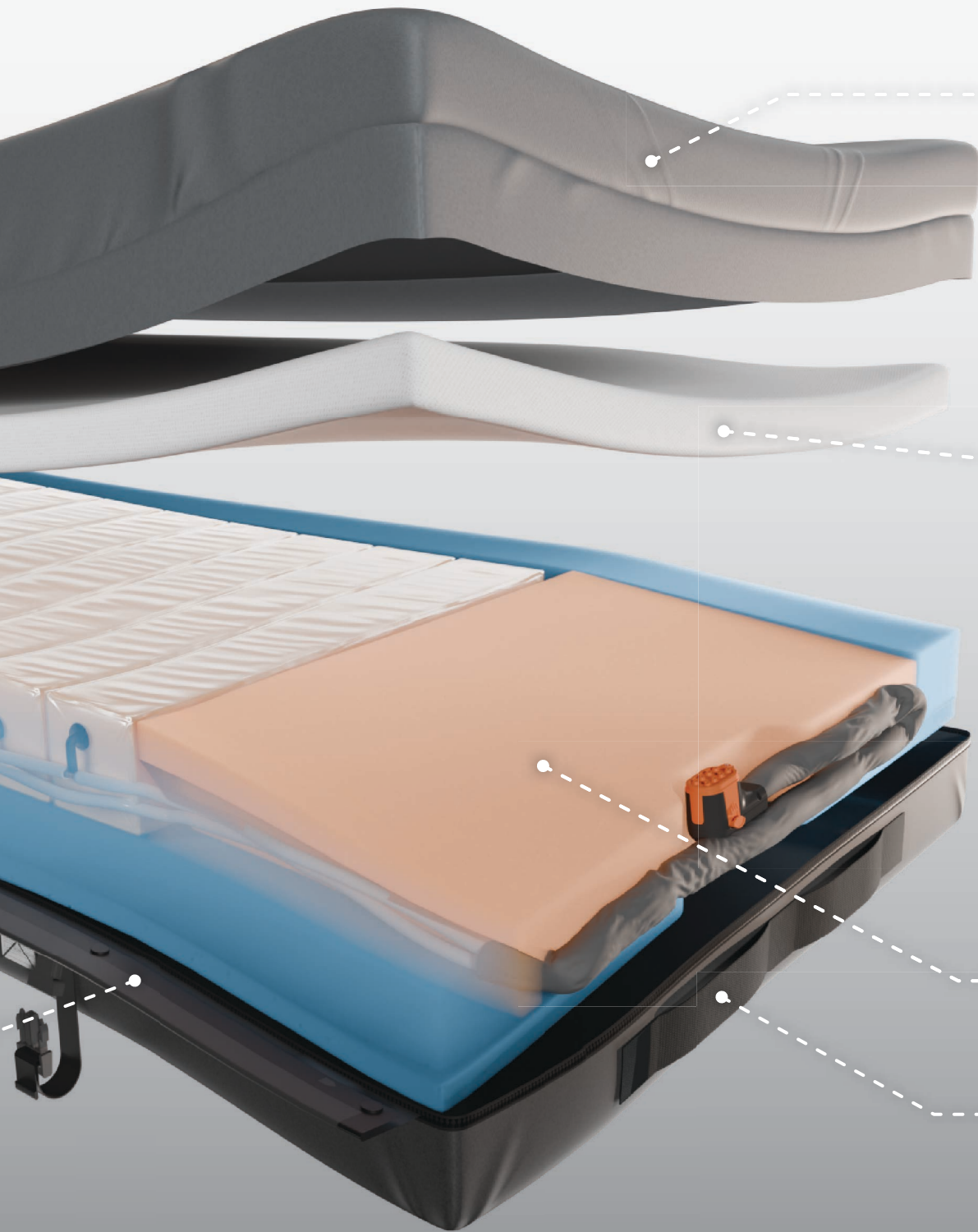
#### Cable Tidy

To prevent damage to wires.



Can be used with or without the pump  
230 kg SWL - w/o pump  
250 kg SWL - with pump





### **Pure Guard Cover**

Easy to clean, with a 4-way stretch, vapour-permeable surface that moves with the user to reduce friction and support immersion and envelopment. It allows moisture to escape while blocking fluids, viruses, and bacteria for safer care.

### **Hydro Lock Barrier**

A welded seam and liquid-resistant zip flap prevent fluid penetration, protecting mattress integrity.

### **Rebound Core Foam**

High rebound density and microclimate control. It promotes airflow and delivers lasting pressure redistribution. Maintains skin integrity. Increases ease of mobility.

### **Anti-Shear**

The top layer moves with the client to protect skin and underlying tissues, reducing both visible and hidden shear damage.

### **Heel Offloading**

Foldable foam suspends the heels to relieve 100% of pressure and prevent injuries.

### **Heel Slope**

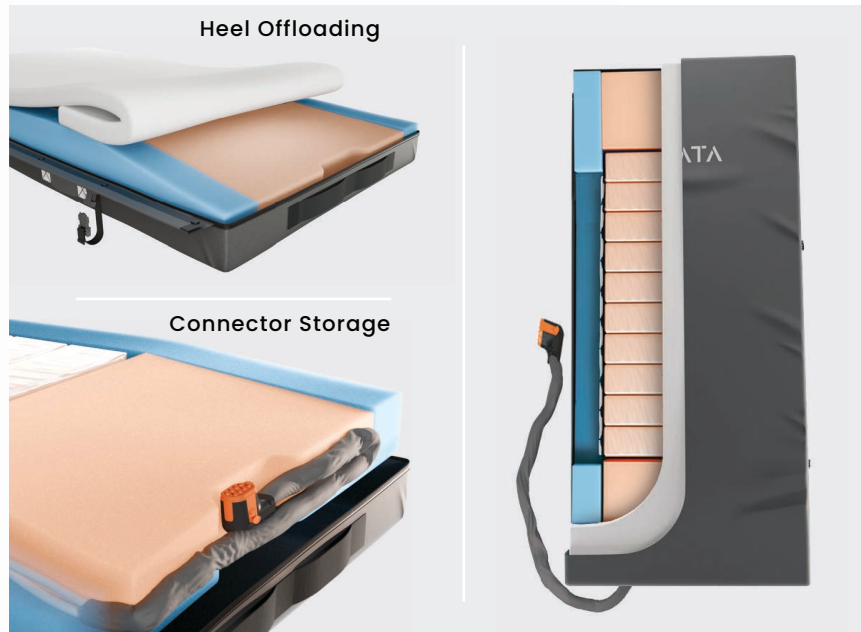
Gentle decline at the foot end reduces heel pressure and helps prevent injuries.

### **Accessible Handles**

To ensure easy control / transport.



## HYBRID MATTRESS E400



Model E400S	Size: 88 cm * 200 cm * 19.5 cm
Model E400KS	Size: 107 cm * 200 cm * 19.5 cm
Safe Working Load	230 kg (w/o pump) / 250 kg with pump
Mattress Warranty	5 years <sup>^</sup>
Pump Warranty	10 years conditional <sup>^</sup>
Compliance	ARTG: 520915 ISO: 14971, 10993

<sup>^</sup>Refer to Instructions For Use (IFU)

### Why clinicians choose it:

- Paired air cells **respond to movement** and re-balance pressure.
- **Heel Slope + Side Wall Support** improve comfort and safety.
- **Rebound Core Foam, Anti-Shear, and Heel Offloading** features protect skin.
- **Add a pump to step up to dynamic therapy** supporting treatment up to Stage 4 pressure injuries<sup>†</sup>. Similarly, the mattress's function can be simplified as the patient's condition improves.
- Perfect for remote clients, the E400 **works with or without a pump** delivering reliable care even when no power supply is available.
- **+EPI0AU pump:** Plug in and go. The pump recognises the E400 with **Elata ID™** and sets the mode for you, adjusting automatically for weight and body position.

### Why it matters:

- **Comfort & Pain Relief:** Smooth static comfort, dynamic relief when paired with pump.
- **Workflow & Hygiene:** Interchangeable parts; reduces logistics and cleaning costs.
- **Powered by ElataID™** Auto-detects the mattress, matches the optimal mode, and adapts as conditions change.
- **Elata AdaptiveMode™** Adjusts for personalised, responsive therapy.

<sup>†</sup>Upgrade to dynamic therapy with the EPI0AU pump.

# ELATA<sup>®</sup>

Temperature: 22°C - 71.6°F

Weight: 75 kg

Duration: 60 mins

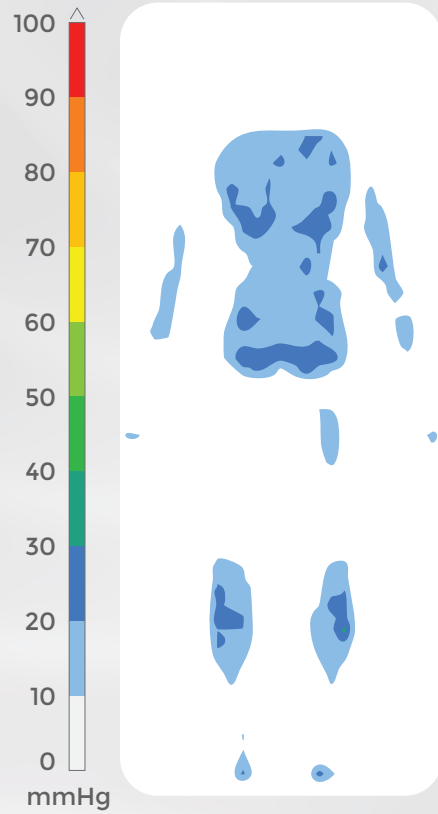
Proportional Weighted  
95th Percentile Test  
Dummy

Compatible Pump:  
ELATA EP10AU



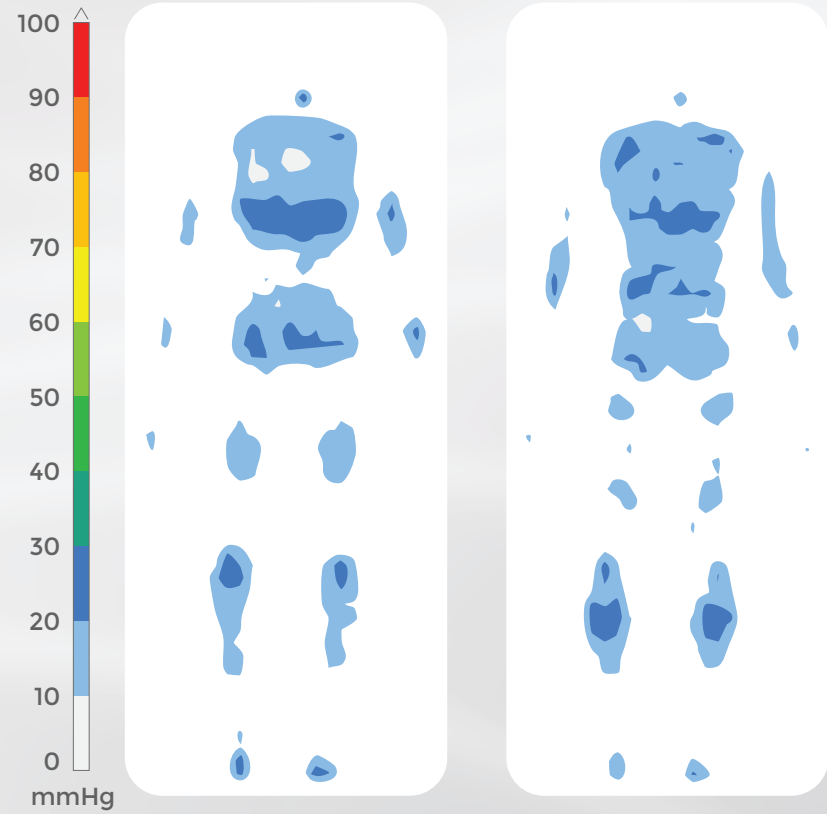
## NON-POWERED

- Mattress: E400
- Date: 2025 / 07 / 15
- MAX: 30.93 mmHg
- Average: 3.18 mmHg
- Frame: 600 / 3600



## POWERED: AUTO-SETTING

- Mattress: E400
- Date: 2025 / 09 / 12
- MAX: 29.34 mmHg
- Average: 3.36 mmHg
- Frame Cycle A: 208 / 3600
- Frame Cycle B: 611 / 3600



# ELATA<sup>®</sup>

## E500

### HYBRID THERAPY, COMFORT FOCUSED FOR PAIN RELIEF.

#### FOAM FEEL. AIR PERFORMANCE.

A foam+air hybrid with alternating therapy. Prevents and treats pressure injuries up to Stage 4. Designed as a pain relief mattress for sensitive clients.

#### Core Foam

Three sections of transverse air cells with a profiled foam insert, encased in a waterproof TPU cover, reduce noise, block fluid ingress.

#### Backrest Tilt Sensor

Auto support with ElataTiltSense™.

#### Side Wall Support

Adds stability and edge awareness for safer transfers enhancing comfort, balance and confidence.

#### Stability Core Layer

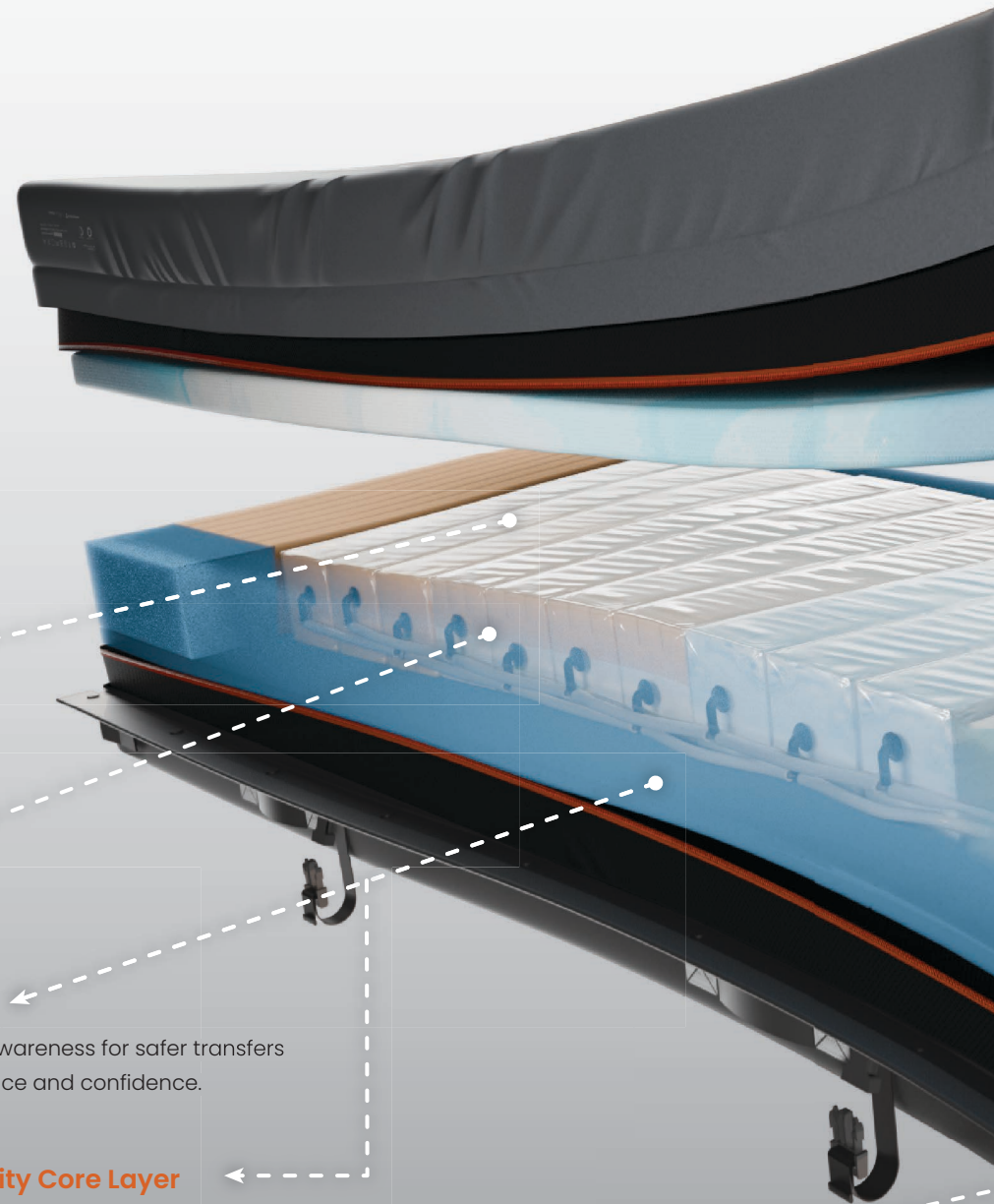
Supportive base layer enhancing stability, comfort, and pressure redistribution.

#### Cable Tidy

To prevent damage to wires.



Can only be used with a pump  
230 kg SWL





### **Pure Guard Cover**

Easy to clean, with a 4-way stretch, vapour-permeable surface that moves with the user to reduce friction and support immersion and envelopment. It allows moisture to escape while blocking fluids, viruses, and bacteria for safer care.

### **Hydro Lock Barrier**

A welded seam and liquid-resistant zip flap prevent fluid penetration, protecting mattress integrity.

### **Inner Cover**

Additional shear reduction layer.

### **Rebound Core Foam**

Enhanced rebound density and microclimate control. It promotes airflow and delivers lasting pressure redistribution. Maintains skin integrity. Increases ease of mobility.

### **Anti-Shear**

The top layer moves with the client to protect skin and underlying tissues, reducing both visible and hidden shear damage.

### **Heel Offloading**

Foldable foam suspends the heels to relieve 100% of pressure and prevent injuries.

### **Heel Slope**

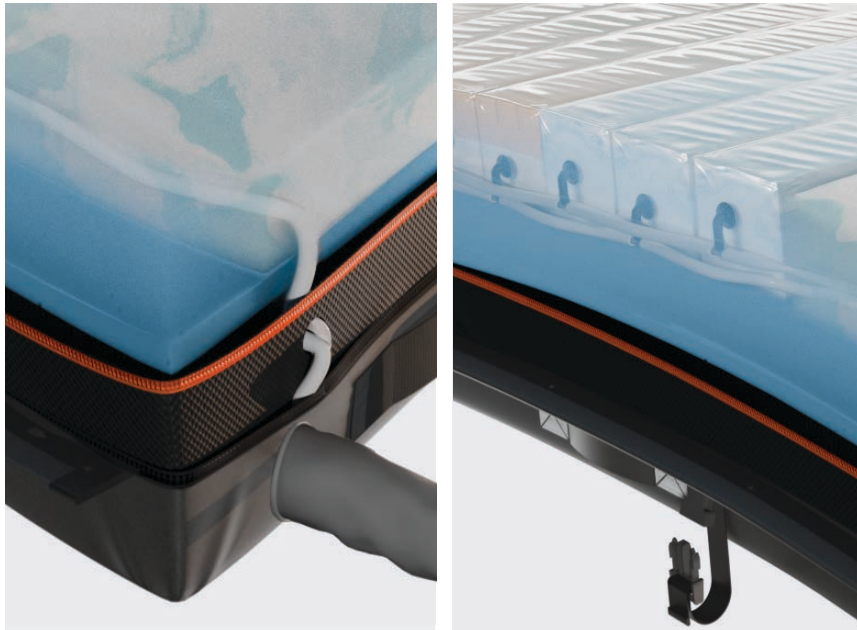
Gentle decline at the foot end reduces heel pressure and helps prevent injuries.

### **Accessible Handles**

To ensure easy control / transport.



## ALTERNATING HYBRID MATTRESS E500



Model E500S	<b>Size:</b> 88 cm * 200 cm * 19.5 cm <b>SWL:</b> 230 kg
Model E500KS	<b>Size:</b> 107 cm * 200 cm * 19.5 cm <b>SWL:</b> 230 kg
Mattress Warranty	5 years^
Pump Warranty	10 years conditional^
Compliance	<b>ARTG:</b> 520915 <b>ISO:</b> 14971, 10993

^Refer to Instructions For Use (IFU)

### Why clinicians choose it:

- **Battery Backup** with **Elata PowerGuard™** for continuous care.
- Air cells under a soft foam surface **redistribute pressure** effectively.
- **Rebound Core Foam, Anti-Shear, and Heel Offloading** protect vulnerable areas.
- Low maintenance. Interchangeable parts. Always ready to care.
- **Backrest Tilt Sensor** auto support with **ElataTiltSense™**.

### Why it matters:

- **Comfort & Pain Relief:** Smooth static support with dynamic pressure redistribution from the integrated pump.
- **Workflow & Hygiene:** Interchangeable parts; reduces logistics and cleaning costs.
- **Powered by Elata ID™** The pump auto-detects the mattress, selects the optimal mode, and adapts as conditions change.
- Includes Elata **PowerGuard™** battery backup and **TiltSense™** auto-adjust support preventing bottoming out and protecting comfort.
- **Elata AdaptiveMode™** Adjusts for personalised, responsive therapy.

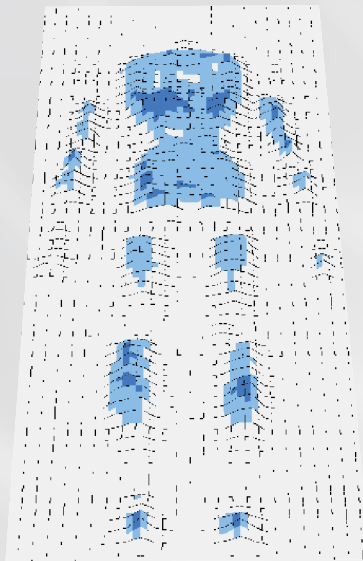
**ELATA**

**Temperature: 22°C - 71.6°F**

**Weight: 75 kg**

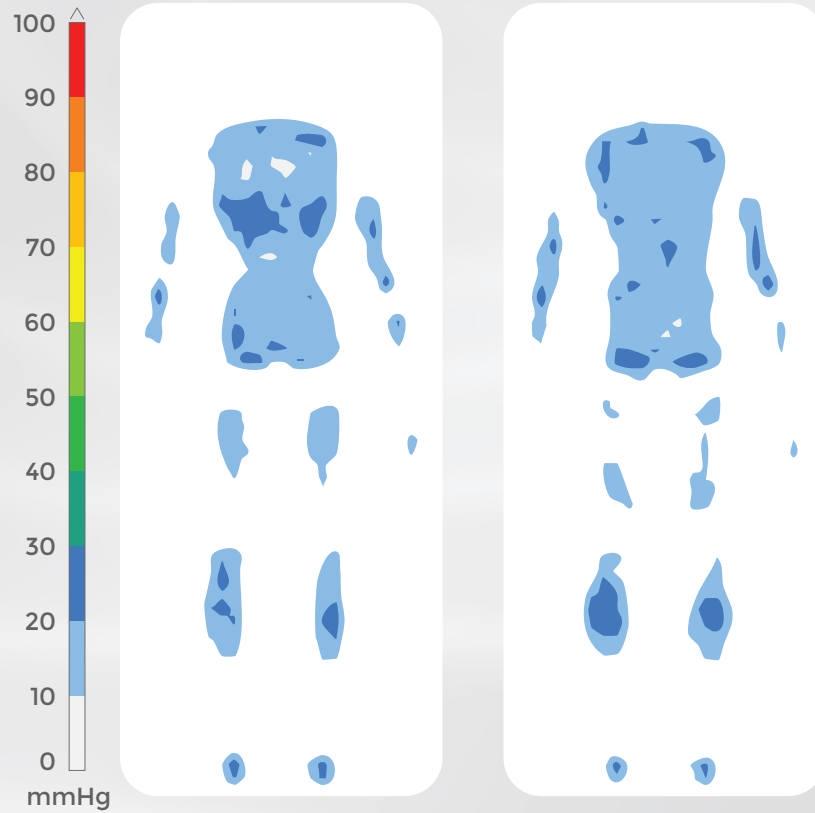
**Duration: 60 mins**

**Proportional Weighted  
95th Percentile Test  
Dummy**



**POWERED: AUTO-SETTING**

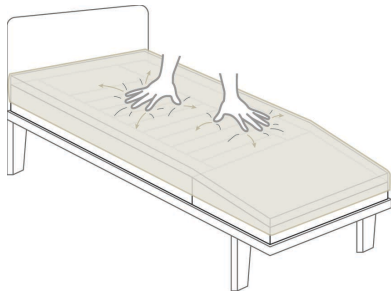
- Mattress: E500
- Date: 2025 / 09 / 12
- MAX: 28.78 mmHg
- Average: 3.08 mmHg
- Frame Cycle A: 705 / 3600
- Frame Cycle B: 1184 / 3600



# TRUSTED PERFORMANCE

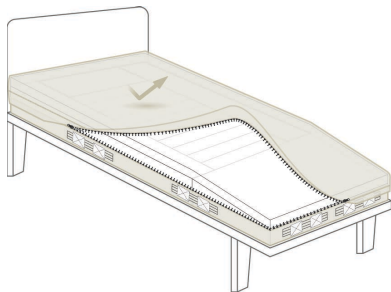
## Innovation that feels simple. Support that feels human.

Elata® brings smart, intuitive systems that adapt to every need. Backed by expert support and built to evolve. We keep complexity out of your day, and precision at the bedside.



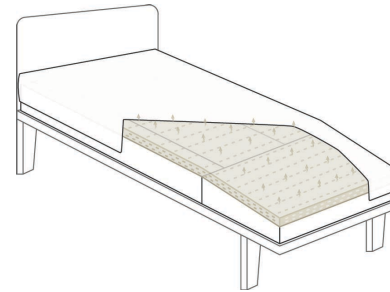
### Pure Guard Cover

Easy to clean, with a 4-way stretch, vapour-permeable surface that moves with the user to reduce friction and support immersion and envelopment. It allows moisture to escape while blocking fluids, viruses, and bacteria for safer care.



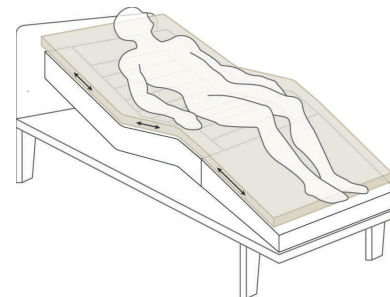
### Hydro Lock Barrier

A welded seam and liquid-resistant zip flap prevents fluid penetration, protecting mattress integrity.



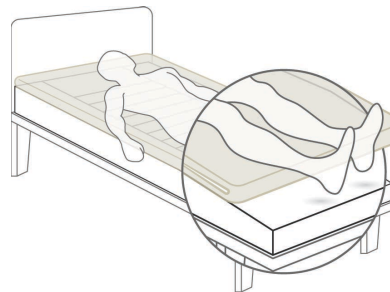
### Rebound Core Foam:

High rebound density and microclimate control. It promotes airflow and delivers lasting pressure redistribution. Maintains skin integrity. Increases ease of mobility.



### Anti-Shear:

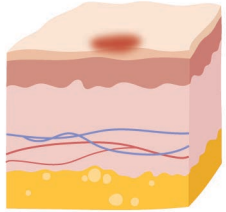
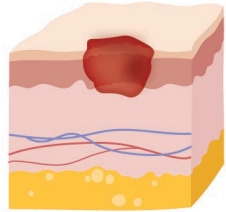
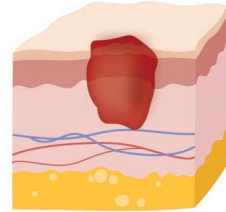
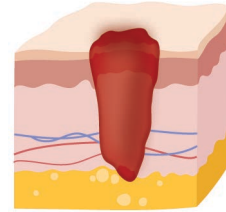
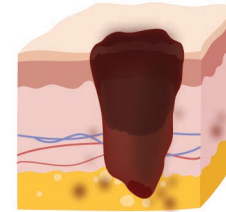
Top foam layer moves with the client when the client is repositioned, helping protect the skin by preventing shear and friction.



### Heel Offloading:

Configured to suspend and reduce pressure on the heels, ideal for preventing and treating pressure injuries, including Stage 4.

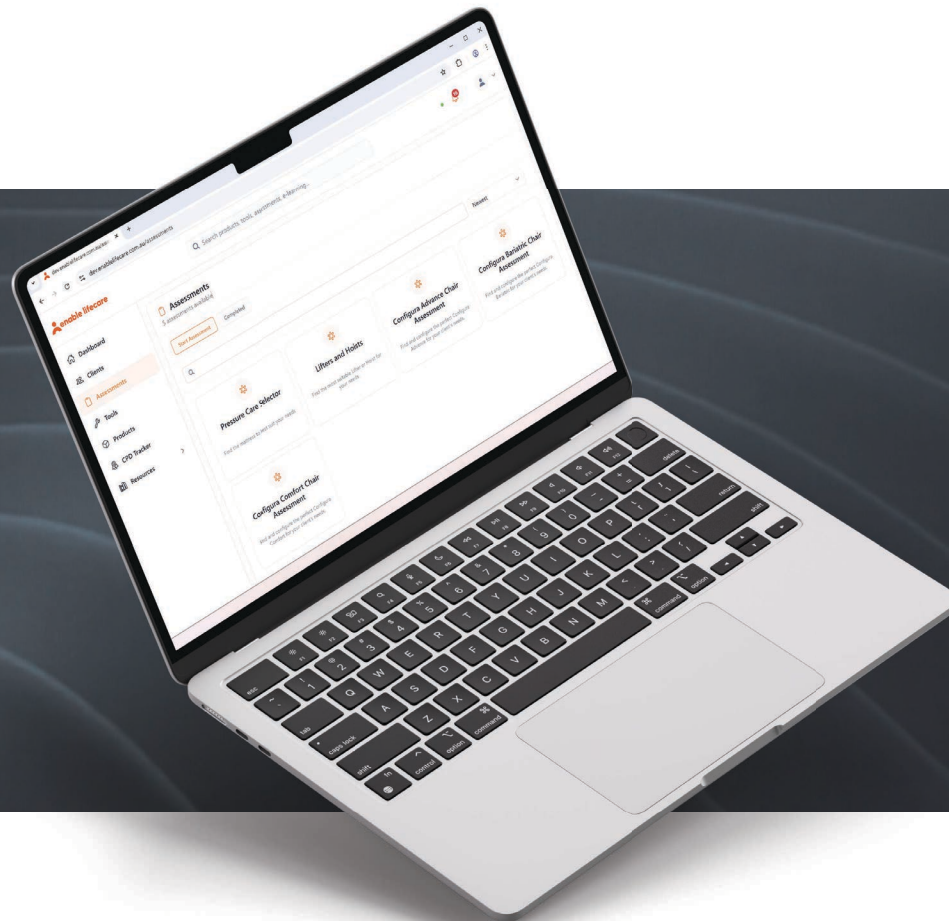
## PRESSURE INJURY STAGING (NPIAP/EPUAP/PPPIA)

STAGE 1	STAGE 2	STAGE 3	STAGE 4	UNSTAGEABLE
				
<p>Intact skin. Non-blanchable erythema.</p>	<p>Partial-thickness skin loss. Open wound or intact/ruptured serum-filled blister.</p>	<p>Full-thickness skin loss. Fat is visible. Slough may be visible. No exposed bone, muscle or connective tissue.</p>	<p>Full-thickness tissue loss with exposed or palpable bone, muscle or connective tissue. Slough may be visible.</p>	<p>Full-thickness tissue loss, but extent of tissue loss is hidden by slough/eschar.</p>



Scan to book a trial

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## MATTRESS SELECTOR

### THE RIGHT SYSTEM. FIRST TIME.

Visit [app.enablelifecare.com.au/assessments](https://app.enablelifecare.com.au/assessments), open the Mattress Selector for a guided match based on risk, setting, and clinical goals.



Not sure which system to choose? Download the Enable Lifecare App to quickly match the right Elata® system for every client.

## STANDARD IS JUST THE BEGINNING.

// We are passionate about improving pressure care solutions, delivering advanced foam, hybrid, and alternating air mattresses, along with efficient pumps that set new standards in prevention. Through rigorous research and testing, we aim to exceed industry standards. //  
We question every detail and ensure each feature serves a purpose.

*Ruben Joyce*

**Ruben Joyce**, CEO and Founder

## COMPLETE PEACE OF MIND. LONG COVERAGE. REAL PEOPLE. FAST SUPPORT.

- **10 year conditional pump warranty.** Longest in market.
- **In-house service** with fast diagnostics via USB-C log uploads.
- **Education and tools** that simplify trials and prescriptions.

*A pressure care mattress is one intervention in a holistic plan. Always assess the whole patient/client.*

**Scan to see warranty terms**



**ELATA<sup>®</sup>**



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