

# NoDec® BARI

## 3 Cell-Cycle Alternating Pressure Mattress Replacement

NoDec® BARI is an automatic, high performance 3 cell-cycle alternating pressure air mattress recommended for the prevention of pressure injury in bariatric patients at any risk of pressure injury, as well as for the treatment of patients with established pressure injuries.

NoDec® BARI provides pressure elimination therapy using Airwave Technology to mechanically replicate the body's natural movement in response to unrelieved pressure. A high flow solenoid array and vacuum assisted deflation quickly reduces interface pressures over the off-loaded cells. The complete elimination of interface pressure stimulates reactive hyperaemia in the deep tissues surrounding the vulnerable bony prominences promoting blood and lymph flow to maintain tissue viability in bed confined bariatric patients weighing up to 400 kg.

The NoDec® BARI mattress has 20 arrow shaped air-cells placed transversely with two reinforced, permanently inflated cells running lengthwise at the edges to protect against patient falls and assist when transferring from bed to chair. A retaining system holds the cells in fixed positions beneath the body so that during deflation contact pressure is removed from exactly the same site it had been applied when the cells were inflated.

With a 15 minute cycle time, patients nursed on NoDec® BARI are effectively turned 4 times per hour and therefore the requirement for nursing staff to reposition heavy patients is significantly reduced.

The maximum patient weight is determined by the width of the mattress. NoDec® BARI is available in three widths: 900mm to support up to a 280kg patient; 1000mm up to a 330kg patient; 1200mm up to a 400kg patient.

\*\*\*Use of the 'Airwave System' to prevent pressure sores in hospital" Prof. A N Exton-Smith, Lancet, 1982, 1288-1290

Recommended for nursing patients who:

Have reduced mobility / Can't turn themselves in bed or manually repositioned easily by nursing staff



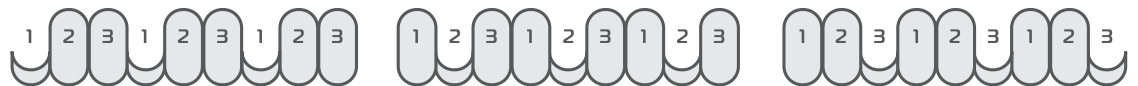
Are at high to very high risk of developing pressure injuries



Have existing pressure injuries



## 3 CELL-CYCLE:



NoDec®  
BARI

ROBER

## Clinically Proven Therapy

- Vacuum assisted air-cell deflation ensures complete evacuation of air from deflating cells and elimination of interface pressure
- V-shaped air-cells are retained in place beneath the body so that contact pressure is removed from exactly the same site that it had been applied
- Powerful piston compressor maintains high airflow into deflated air-cells despite backpressure caused by the heavy body mass
- 3 cell-cycle system with 50% more support cells makes it easier for deflating cells to retract away from body contact and achieve zero interface pressure
- 15 minute cycle time provides regular, complete elimination of interface pressure effectively repositioning the patient 4 times every hour

## Patient Safety and Comfort

- Ergonomic patient management unit with touch screen automatically adjusts cell pressures to patient weight and changes in body position
- Comfort control with three pressure settings allows adjustment to suit individual patient comfort or clinical requirement
- Mattress remains inflated in Transport mode in the event of power failure
- Permanently inflated side formers provide a firm mattress edge to ensure patient safety and support during bed exits or transfers to trolley or chair
- Mattress effortlessly conforms to the profiling of modern electric beds ensuring optimum comfort and performance

## Microclimate Control

- The optimised moisture vapour transmission rate of the Dartex® cover allows control of the microclimate
- Reduction of both temperature and moisture at the skin/mattress interface decreases the risk of pressure injury as well as enhancing patient comfort

## Additional Nursing Support

- Protects ward staff and carers from potential injury
- Easily accessible CPR valve allows rapid deflation
- Intuitive touch screen display allows easy control of mattress functions
- Static mode automatically reverts to Alternating mode after 30 minutes
- Maximum Inflate mode quickly produces a firm surface for nursing procedures or for bed exits or transfers to chair or trolley
- Transport mode facilitates bed movement without patient risk
- Audible and visual alarm provides peace of mind for nursing staff
- Cable management system ensures power cable is safely and securely retained off the floor
- V-Lock system prevents the power cord from being accidentally unplugged
- Clearly marked foot end to aid correct positioning of patient

## Maximises Infection Control

- The ultra soft, multi-stretch, vapour permeable, waterproof Dartex® covers have an anti-microbial agent incorporated in the polyurethane coating as an added protection against contamination
- Smooth covers reduce shear and friction and allow for easy wipe down with disinfectant
- 360° zip ensures cover can be easily removed for infection control of cells and laundering at high temperature
- Generous waterfall flap protects the zip and the integrity of the air-cells
- The covers have all seams welded to provide an added barrier to fluid entry as well as allowing for ease of cleaning and disinfection

## Technical Specifications

Number of cells	19
Mattress sizes	2000 x 1000 x 250 mm 2000 x 1200 x 250 mm
Max. patient weight	400 kg
Mattress material	Cells: Polyurethane Cover: Dartex® two-way stretch Polyurethane coated Nylon
Pump unit dimensions	400 x 160 x 250 mm
Mattress weight	11 kg
Pump weight	6.8 kg
Classification	Class B Medical Device / Class I
Mattress - flammability rating	Complies with BS7175 ignition source 0, 1 and 5
Power unit - flammability rating / ingress protection	UL 94 V-0 / IP 42
Power supply / power consumption:	230 V~ ±10%, 50 / 60 Hz 20 W max

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**ROBER**