

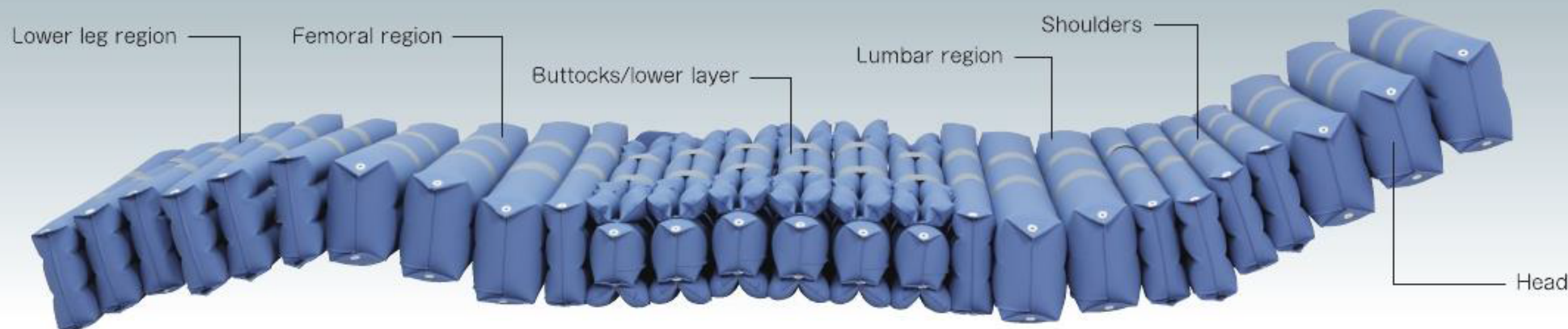
# Anti-Decubitus air mattress AS-M001 nagomi

The "AS-M001 nagomi" Supports the body with three types of air cell that conform to the physiological curves of the body. By reducing the size of the air cells below the sacral region, which is most susceptible to Decubitus, the mattress is able to reduce contact pressure while providing proper support to the body through the air cells beneath the lumbar and femoral regions, increasing the surface area contact with the body and thereby achieving body pressure dispersion.



Six separate air circuits enable individual setting of specific areas.

Head and femoral region	Single circuit	Low-pressure retention/static air layer	Separate layer not affected by expansion and contraction
From shoulders to heels	Triple circuit	Expansion/contraction cycle air layer	Supports the body while removing pressure through expansion and contraction.
Sacral region	Single circuit	Bottoming-prevention air layer	Avoids bottoming of the buttocks.
Ventilation	Single circuit	Dehumidification through air vent	Prevention of mustiness by releasing moisture



## Avoiding the risk of Decubitus with the newly developed "Ab-AIRCELL".

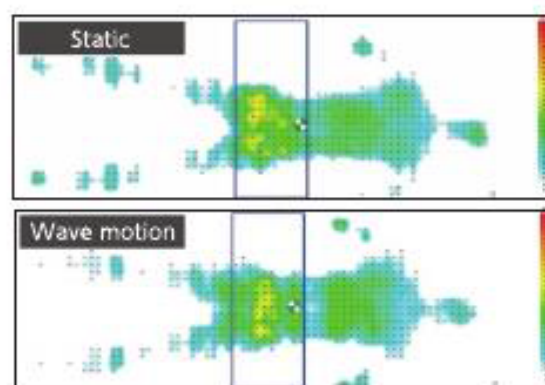


The "AS-M001 nagomi" incorporates innovative three-layer air cells. Providing sound support while gently cradling the pelvis, the innovative three-layer air cells drastically reduce the risk of Decubitus.

The upper air layer softly cradles the body. The middle air layer firmly supports the body as it sinks down. The lower air layer thoroughly eliminates the risk of bottoming.

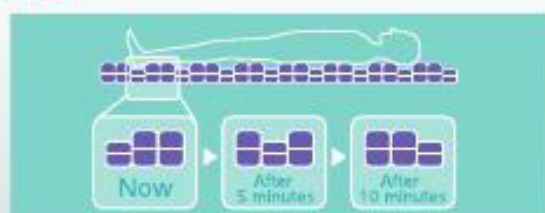
## Through the distribution of air cells matching the body line, ideal body pressure dispersion is achieved.

"AS-M001 nagomi" combines three types of air cell. By supporting the body over a wide surface area, the mattress achieves ideal body pressure dispersion. The 60mm-wide "Smart Cells" softly support the protrusions of the body. The 100mm-wide "Large Cells" prevent the body from sinking into the mattress by supporting the waist and femoral region. The innovative "Ab-AIRCELLs" absorb localized pressure through an absorber function.



## Triple-circuit alternation prevents constant pressure.

The "AS-M001 nagomi" provides both comfort and relief from pressure by maintaining support of the body surface resting on the mattress while also releasing pressure through its triple-circuit expansion/contraction wave motion. In "Static" mode, the mattress disperses pressure concentration over a wide area by supporting the body over a large surface area. This air mattress is designed specifically for pressure dispersion.



## Retains air for 3 days even when there is no power supply an air pump that can handle power cuts.

Even if there is an unexpected interruption of electrical power due to a power cut or disaster, the mattress retains air for at least 3 days. The air pump will not let air escape even when there is no power, eliminating the risk of the body bottoming, even in emergency situations.

A high performance air pump that can accommodate all sorts of care conditions. Incorporates various functions to achieve comfort and safety.



Selection of various settings and modes according to the physical condition of the person under care or circumstances of assistance, rehabilitation, meal times, etc.

**Hardness setting**

The air mattress automatically adjusts the internal pressure according to the body weight of the user. The hardness of the mattress can be adjusted through three settings levels - soft, normal, and hard - to match desired comfort or preference.

**Wave-motion mode**

The expansion of cells and release of air is repeated on a 150-second cycle. The mattress supports the body over a wide surface area while releasing air pressure concentration, thereby preventing pressure on the body that could cause Decubitus.

**Back-raising mode**

The nagomi's back-raising mode prevents slipping of the body on air cells by hardening portions of the mattress during back-raising. (The back-raising mode is compulsively released after 2 hours.)

**Rehabilitation mode**

The rehabilitation mode increases the pressure within the mattress to prevent unnecessary sinking and facilitate movement on top of the mattress. Even if you forget to change the mode back, the mode will automatically switch off after 20 minutes.

**Static mode**

Condition when control panel wave-motion/static LED is off

In this mode, the expansion and contraction cycle is stopped for the air cells under the whole body and a constant pressure is maintained. Even under conditions of ongoing postoperative rest, by dispersing localized pressure throughout the body through the distribution of air cells matching the body line (multi-zone form), the mattress eliminates localized concentration of pressure.

**Ventilation mode**

Condition when control panel ventilation LED is on

Helps to prevent the mattress from becoming musty when used by blowing air through the mattress to remove the humidity that builds up within.

**Air leakage detection**

The built-in pressure sensor constantly monitors the pressure within the mattress. If an air leak is detected, an alarm will sound to notify someone nearby of the problem. The alarm can be shut off by pressing the alarm-off switch.

**Power-cut countermeasures**

In the event of any trouble regarding power supply, such as a power cut or power cord disconnection, an alarm will notify people nearby that the power is off. The valve within the air pump will prevent air leakage for 72 hours.