

THERAPEUTIC MATTRESS WITH AUTOMATIC ADJUSTMENT

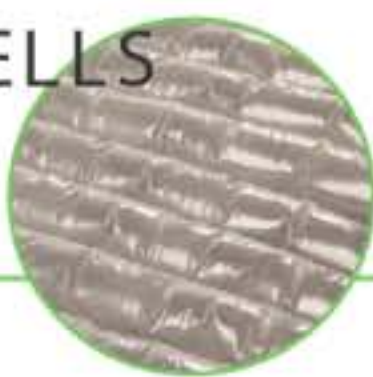
STAGE I TO IV PRESSURE SORE

MAXIMUM PATIENT WEIGHT : 200 KG

24 THIN SHAPPED CELLS

90 X 200 CM - HAUTEUR 18 CM

Brevet Européen 2 341 883



TECHNICAL SPECIFICATIONS

MATTRESS

- Stage I to IV pressure sore
- Therapeutic mattress with automatic adjustment
- Mattress adaptable to any type of hospital bed
- Mattress size : width : 90 cm – length : 200 cm
- Therapeutic air height : 18 cm
- 24 thin shapped cells (EP 2 341 883).
- Breathable, liquid-impermeable cover, reduces the risk of maceration
- Cover can be stretched in both directions to prevent friction and shearing
- Ultra-resistant support base
- 2 zones de 12 cells including 2 pressure sensors integrated in the pump.
- Cardio-pulmonary handle control : deflation in less than 10 seconds.
- Maximum patient weight : 200 kg
- Fight against nosocomial infections : Lmattress washing into washing machine (inside and outside of the mattress)
- The Ascalis mattress does not contain any foam, which allows a complete decontamination and difinction of the mattress into washing machine. (Foam permanently houses bacteria. Impossible to decontaminate, foam becomes a real field for bacterial culture – it is why Ascalis does not use foam in the desing of its mattresses).

PUMP

- Pump size : lenght 34 cm, height 24 cm, depth 18 cm
- Pump weight : 3.8 kg
- Silent pump : 32,5 dB
- Alarm : audible and visual
- Air filter : integrated in the pump

Clinical Studies Approval

- Approved Clinical Studies : attests a very significant reduction in the number of bedsores in less than 30 days, for all patients using an Ascalis OPTIMO mattress – 24 thin shapped cells – The Ascalis OPTIMO mattress is particularly indicated for patients who are bedridden 24 hours a day. With 576 pressure changes per day, the Ascalis OPTIMO mattress provides vascularisation and irrigation of the skin tissue for patients up to 200 kg.
- Mattress containing 24 thin shapped cells : therapeutic effectiveness in pressure ulcer prevention and optimal comfort.
- Machine wash : reduces the risk of nosocomial diseases and ensures impeccable hygiene.

Circular economy : promotes Zero Waste

- Machine washable mattress
- Mattress repairability : 10 years
- Pumps and mattresses easy to use and to maintain
- Maintenance promoting circular economy and Zero Waste