

Syntheto  
SURFACE

**Baxter**

# SMART AND FLEXIBLE HYBRID SURFACE

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PROPER CARE BEGINS WITH THE PROPER SURFACE — ALWAYS ON HAND WHEN YOU NEED IT.

Because a pressure injury can develop in less than one hour<sup>1</sup>, be ready to adapt at a moment's notice with the **Syntheto** hybrid surface.

This hybrid surface offers the comfort of foam and the performance of dynamic air therapy when it's needed, and because mobilisation supports pressure injury prevention<sup>2</sup>, the **Syntheto** surface provides patient lateral mobilisation and turn reminders.

With an intuitive user interface, several therapies to help prevent and treat pressure injuries, and advanced integrated features such as; Microclimate Management, the ability to send clinical data from the surface, notifications and reminders when and where you need them, this surface does more - so you can focus on patient care.



# Syntheto

## SURFACE



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### SYNTHETO SURFACE

1. Integrated blower system enables flexible skin therapy as patients need it, with the touch of a button, without risking disconnection and reducing time spent searching for parts.
2. In alternating pressure mode, the cushions alternately inflate and deflate, increasing discharge compared to other hybrid surfaces.<sup>3</sup>
3. Microclimate Management therapy is proven to effectively remove excess heat and moisture away from patient's skin, especially through the sacral area, where pressure injuries are most common.\*
4. Patient Mobilization Mode increases turn engagement and may help reduce the strain of turning a patient for linen or dressing changes.<sup>4,5\*</sup>
5. Pressure Ulcer Mode can laterally move the patient to reduce the interface pressure in the sacral area.\*
6. X-ray sleeve provide ease of use for medical technicians and reduces the time to perform in-bed x-rays.
7. Patient Exit Alerting automatically detects when the patient leaves the mattress.\*
8. Smart, connected surface sends surface data, notifications and reminders remotely.

\* Optional feature.

### TECHNICAL SPECIFICATIONS

<b>Risk Level</b>	Any level of risk
<b>Width</b>	92 cm / 36.22 in
<b>Length</b>	195 cm / 76.77 in
<b>Height</b>	23 cm / 9 in
<b>Patient Weight</b>	40 kg – 185 kg
<b>Seams</b>	Top Cover Ultrasonic Welding
<b>Surface Weight</b>	Max 26 kg
<b>Alternating Pressure Mode</b>	Cycle Time 11 minutes
<b>Microclimate Management</b>	Average Evaporative Capacity <sup>3</sup> 30°HOB, 52.6 (g/sqm-hr) Average Dry Flux <sup>3</sup> 30°HOB: 11.9 (W/m2)
<b>Turn Angles</b>	Pressure Mobilization Mode and Pressure Ulcer Lateral Therapy can achieve a maximum angle of 30° in less than 35 seconds for a patient less than 140kg. <sup>3</sup>
<b>Top Cover Material</b>	Polyurethane coating on polyester, low-friction, breathing, bacteriostatic, fungistatic and antimicrobial. Can be wiped and washed.

1. Gefen A. Ostomy Management 2008;54(10):26-35.

2. Ippolito et al. Journal of Anesthesia, Analgesia and Critical Care [2022] 2:7 <https://doi.org/10.1186/s44158-022-00035-w>

3. Baxter internal testing; data on file NPD39210.

4. Budarick, A. R., Lad, U. & Fischer, S. L (2019).40 Can the Use of Turn-Assist Surfaces Reduce the Physical Burden on Caregivers When Performing Patient Turning? Hum. Factors.

5. Wiggermann, N. Biomechanical Evaluation of a Bed Feature to Assist in Turning and Laterally Repositioning Patients. Hum Factors 58, 748–757 (2016).

**Manufacturer: Hill-Rom S.A.S. - Z.I. du Talhouët 56330 Pluvigner, France**

Class IIa - Notified Body GMED 0459

This medical device is a regulated health product which, pursuant to such regulation bears a CE mark. Baxter recommends that you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical device. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices.

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