

# The Hill-Rom® 900 Accella™ Bed

Enhance outcomes. Improve safety. Simplify tasks.



Enhancing outcomes for  
patients and their caregivers:

**Hill-Rom.**

# Challenges in healthcare

In the complex healthcare environment, hospitals face challenges, ranging from patient safety to staff efficiency and constraints.

## Patient safety



Approximately 1 in 5 acute care patients will develop a pressure ulcer.<sup>1</sup>

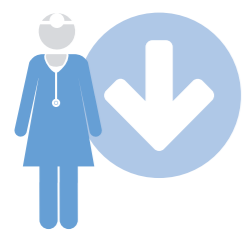


Hospitals have reported **five falls per 1,000 bed days in general wards, and up to 18 falls per 1,000 bed days in specialist units.**<sup>2</sup>



The **mean LOS in the ICU is 5.7 days and each day in the ICU costs hospitals €1,596.**<sup>3</sup>

## Staffing constraints



**29%-38% of nurses report a shortage of registered nurses.**<sup>4</sup>



The Hill-Rom 900 Accella bed was designed specifically to solve these challenges within high acuity settings to:

- Enhance outcomes
- Improve safety
- Simplify tasks



# Features that add up

Versatile and innovative, the Hill-Rom Accella bed offers solutions across a range of high-acuity hospital environments and harnesses a future-proof design for future advancements.

- Enhance outcomes
- Improve safety
- Simplify tasks



3-mode bed exit alarm (pg 8)



CPR lever (pg 9)



Steam clean validated (pg 9)



Head-of-bed angle alarm (pg 12)



One-touch side egress (pg 12)



Simple weigh (pg 13)



SlideGuard™ technology (pg 13)



Graphical caregiver interface (pg 14)

# Enhancing outcomes through early mobilisation

## Why early mobility?

Complications of immobility include:<sup>5</sup>

- Increased length of stay
- Higher treatment costs
- Higher mortality rates
- Greater risk of work-related injuries

The implementation of an early mobility programme, such as the **Progressive Mobility™ Programme** from Hill-Rom, can result in significantly enhanced patient outcomes.<sup>6-11</sup>



# Hill-Rom Progressive® Mobility™ Programme

Implementing an **early mobility programme** can help achieve better clinical and financial outcomes.



## Breathe

Support more effective breathing and reducing complications of immobility

- **HOB > 30° / HOB Alarm** – maintains optimal HOB angle



## Tilt

Get the patient physiologically ready for sitting and standing

- **HOB > 30° / HOB Alarm** – maintains optimal HOB angle
- **17° Reverse Trendelenberg** – provides orthostatic conditioning



## Sit

Facilitate in bed activities and adoption to the upright position

- **EasyChair** – facilitates gas exchange
- **SlideGuard** – prevents patient migration and torso compression



## Stand

Support both full-and partial-weight bearing activities

- **One-touch side egress** – builds patient strength
- **Sit-to-stand Liko lifts** – provides partial weight bearing



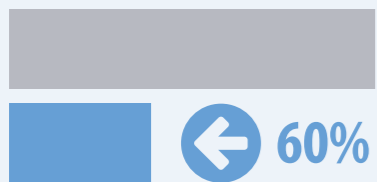
## Move

Enables patient ambulation for independent out-of-bed activities:

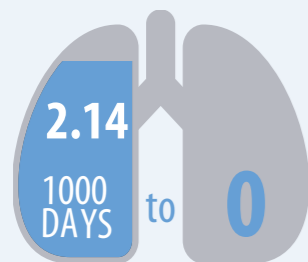
- **Sit-to-stand Liko lifts** – achieves out-of-bed orders
- **Liko stand-up and lifting solutions** – helps patients ambulate

All steps should be combined with a 2-hourly turning regime

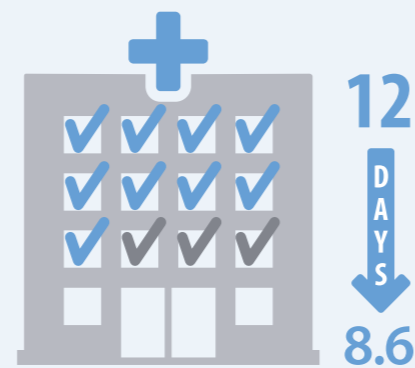
## Results using a mobility programme<sup>10</sup>



Early mobilisation has a direct correlation to the reduction of HAIs reduced by 60%<sup>10</sup>



VAP significantly decreased from a rate of **2.14 per 1,000 days to zero**<sup>10</sup>



Hospital length of stay significantly decreased from **12 to 8.6 days**<sup>10</sup>

# Improve safety

## Reduce risk of patient falls

### 3-mode bed exit alarm

- Alert caregivers to potential bed exit events
- Set appropriate mode of sensitivity based on the acuity level of your patient
- Optional ability to alert caregiver at nurse station via a nurse call system\*



### CPR lever

- Rapidly flatten the backrest of the bed, freeing the caregiver to commence CPR **within 5 seconds, while the bed continues to automatically move** into a horizontal position<sup>12</sup>
- The Hill-Rom 900 Accella also offers an electric CPR function



### Intelligent night light

- Promote visibility for patients at night
- Notify caregivers to potential bed-exit or bed-height risks
- Shines **green** when the bed is in its **lowest position**
- Shines **orange** alerting for **potential height adjustment or bed exit**



### Brake-off indicator

- Alert caregivers if the brakes are not engaged via an audible tone that continues until one of the brake pedals is depressed



### Simplified cleaning and disinfection

- High Pressure Laminate (HPL) sleep deck sections are easily removable for effective cleaning
- Smooth surfaces and removable panels allow for convenient **chemical or steam-cleaning** and decontamination



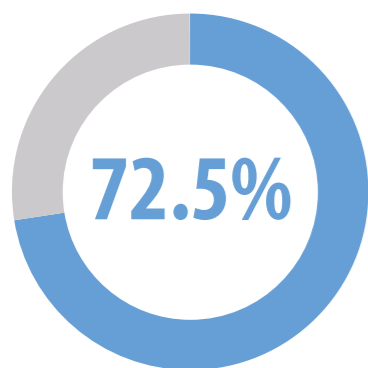
Estimated  
**4.1 million HAIs**  
 per year for patients in the EU, resulting in  
**16 million additional hospital days<sup>5</sup>**

# Pressure ulcer prevention and treatment

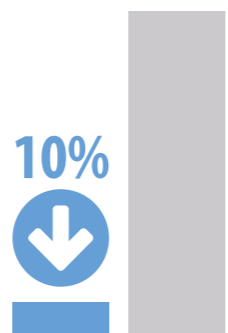
## Pressure ulcers have significant impacts:



On average **1 in 5 patients** in acute care have a pressure ulcer<sup>13</sup>



Pressure ulcer prevalence in healthcare settings can be **as high as 72.5%**<sup>13</sup>



Fewer than **10%** of patients receive adequate preventative care<sup>13</sup>



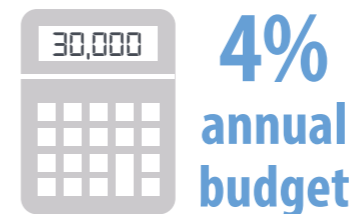
The development of a single pressure ulcer can **increase a patient's length of stay five-fold**<sup>14</sup>

## And high costs for hospitals around the globe:



In the Netherlands pressure ulcers consume up to **€2.6 billion** of healthcare expenditure annually<sup>15</sup>

In the UK, pressure ulcers consume up to **4%** of the annual healthcare budget with costs estimated at **£30,000 per case**<sup>16</sup>



The average cost of treating a pressure ulcer in the US is estimated at **\$129,248**<sup>17</sup>

## Transform outcomes with Hill-Rom® surfaces

- Choose from compatible non-powered and powered surfaces
- Remove excess heat and moisture from skin with Microclimate Management®
- Minimize patient migration and repositioning with SlideGuard® technology
- Prevent the patient from sliding towards the foot end of the bed when raising the backrest with the Intelligent AutoContour™ feature
- Control the angle between the backrest and the thigh support for maximum comfort

### Non-powered surfaces



Recommended for patients from low risk to Stage I pressure ulcers with foam pressure redistribution



Recommended for patients up to moderate risk and/ or having Stage I or Stage IV pressure ulcers

### Powered surfaces



Recommended for patients up to high risk and/or having up to Stage III pressure ulcers



Recommended for patients up to very high risk and/or having up to Stage IV pressure ulcers



Choose between Constant Low Pressure (CLP) and Alternating Low Pressure (ALP)

RISK LEVEL

Low

Low to Moderate

Low to Moderate

Moderate

High

High

Very High

Very High

RISK LEVEL

# Simplify tasks

The Hill-Rom 900 Accella bed is designed with caregiver efficiency in mind, simplifying tasks to free up valuable time to care for patients.

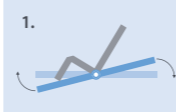


## One-touch side egress

- Allow caregivers to egress in an optimal sequence by simply pressing one button

### This feature:

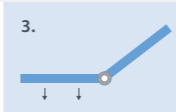
**Levels** the bed into a horizontal position



**Positions** the backrest such that the **integrated care-grip handle** is in the optimal ergonomic position for egress



**Lowers** the bed until an **ideal height is reached** for the patient to egress



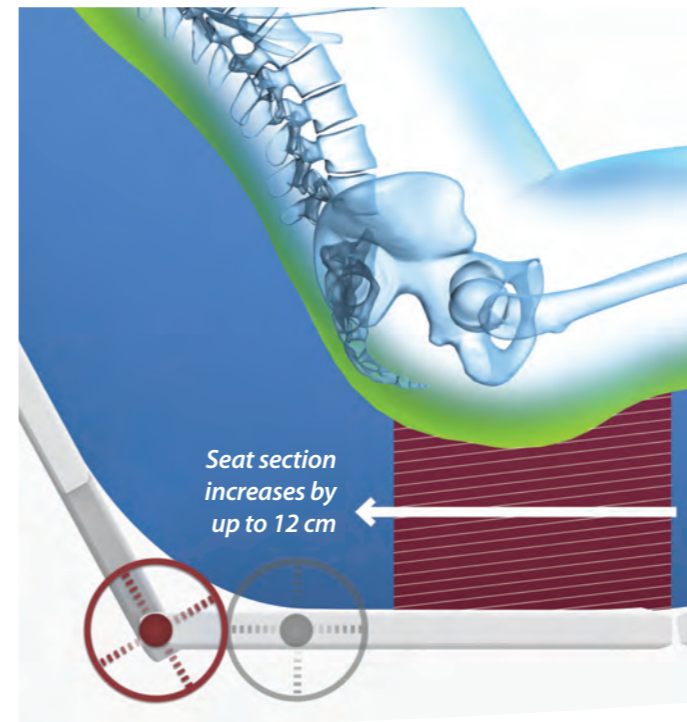
## Head-Of-Bed (HOB) angle alarm

- Assist caregiver in protocol compliance
- Alert caregivers when the head-of-bed angle drops below 30° or 45°



## Integrated X-ray

- Minimise patient transfer disruption and the need for repeat imaging, maximising safety and efficiency
- Save time with the integrated X-ray feature, available through the mattress or frame accessory



No SlideGuard™

Patient migration

SlideGuard™

50% reduction

REF: Internal Study<sup>18</sup>

## SlideGuard™ technology

- Reduces patient migration by 50%, significantly minimising the need for repositioning
- Reduce compression, friction and shear that can influence skin breakdown

## Simple weigh/ BMI in-bed scale

- Allows caregivers to **measure a patient's weight and calculate BMI instantly without having to adjust accessories** on the hanging space shown

## Automated charting to Electronic Medical Records

- Available bed connectivity to Electronic Medical Records (EMR) improves data integrity while reducing the amount of charting required



## Graphical Caregiver Interface (GCI)

Simplify workflow with a bright and easy-to-use interactive touch screen to:

- Controls **head-of-bed** and **bed-exit alarms**
- Offers access to **simple weigh**, helping caregivers to weigh patients via a series of easy-to-follow prompts
- See **head-of-bed angle** and **horizontal profile of the bed**



## Features that add up

### Reasons to invest in the Hill-Rom 900 platform.

The Hill-Rom 900 platform of high-quality, reliable beds can be used across low to high acuity care settings. The ability to share adaptable bed components and compatible surfaces helps maximise your return on investment.

All beds within the Hill-Rom 900 platform were designed, engineered and tested to deliver superior durability, exceed industry standards and ensure reliability throughout its lifetime.



## Power of one platform



### Seamless transition between care environments

- Uniform controls, functionality and accessories allow a seamless transition between products and acuity settings



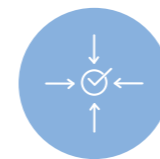
### Improved work-flow

- Designed to simplify work-flow tasks, allowing caregivers to spend more time on direct patient care rather than learning and operating equipment
- Less training for staff and reduced risk of errors when using new products



### Standardised product quality

- Built from high-quality components, so you can expect the same superior experience in every bed
- Manufactured in France – with a history of durability that you can trust
- Standardised components means less maintenance time and reduced expenditure on replacements or repairs - only five tools are required to cover all maintenance procedures



### A single, trusted point-of-care for service

- As your dedicated service provider, we optimise the maintenance of your equipment while minimising downtime and repair costs
- We offer a variety of professional services to meet all your maintenance requirements, all performed by certified service technicians
- Hill-Rom facilitates compliance with local laws, Quality and Regulatory requirements



### Innovative partnerships for the future

- Our range of products are upgradable and constantly evolving to improve standards of patient care
- Collaborating with our customers, we aim to develop partnerships to facilitate future innovations and solutions



# Hill-Rom understands the challenges faced in higher acuity settings. That is why we have extended the Hill-Rom 900 platform to include Accella. Contact Hill-Rom today to learn more about how the Hill-Rom 900 Accella can help you Improve Safety, Enhance Outcomes, and Simplify Tasks.

Hill-Rom is a leading global medical technology company with approximately 10,000 employees worldwide. We partner with health care providers in more than 100 countries by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency, and Respiratory Health.** Around the world the people, programmes, and products of Hill-Rom work towards one mission: **Enhancing outcomes for patients and their caregivers.**



Hill-Rom is committed to the concept that mobilising people early and supporting their independence, improves life - in the hospital and at home.

The Hill Rom 900 Accella bed is intended for use in intensive, acute and ambulatory care settings for patients with a weight  $\geq 40$  kg, height  $\geq 146$  cm and BMI  $\geq 17$ .  
Medical device (93/42/EEC): Class I  
Weigh system (2014/31/EEC): Class III  
Manufacturer: Hill-Rom S.A.S. – BP 14 ZI du Talhouët 56330 Pluvigner France

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

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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Not all products/options are available in all countries.  
For further information about our products and services, please contact your local Hill-Rom representative or visit our webpage:

[www.hill-rom.com](http://www.hill-rom.com)

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Enhancing outcomes for patients and their caregivers:

**Hill-Rom**