



Hillrom™



BENEFITS OF THE HR900 ACCELLA™ THERAPY BED IN INTENSIVE CARE UNITS





Although critical illness and injury require various degrees of bed rest or immobilization, immobility itself has been found to have negative complications on patient’s health. Potential complications of immobility could include: Ventilator-associated pneumonia (VAP), Pressure Injuries, Delirium and ICU acquired weakness. Such complications, in addition to mobility challenges, can make a patient’s hospital stay long and costly and can impact the ICU patient’s outcome, putting them at higher risk for deterioration.

The Hillrom Accella™ medical beds with CPR, are intended for intensive, acute and ambulatory care for adult patients. They are designed for the application of the advanced techniques used in specialized units and facilitate the use of monitoring equipment and the transfer of patients to examination wards.

VENTILATOR ASSOCIATED PNEUMONIA:

Internationally, the average VAP rate is around 15.8 per 1000 ventilator-days¹.

The ICU patient with VAP, internationally, had roughly about 12 extra days’ LOS and had about a 15% higher average crude excess in mortality rate.

In North America, we use the National Healthcare Safety Network, and the data have shown VAP rates ranging from 0.7 in pediatric cardiothoracic to 5.8 in burn ICU². On average, the ICU patients with VAP had roughly almost 11 extra days in LOS³.

PRESSURE INJURIES:

Pressure injuries are significant health issues and one of the biggest challenges organizations face on a daytoday basis. Aside from the high cost of treatment, pressure injuries also have a great impact on patients’ lives and on the provider’s ability to render appropriate care to patients.

The development of pressure ulcers or injuries can interfere with the patient’s functional recovery, may be complicated by pain and infection, and can contribute to longer hospital stays. The presence of pressure ulcers is a marker of poor overall prognosis and may contribute to premature mortality in some patients.⁴

Pressure injuries are commonly seen in high-risk populations, such as the elderly and those who are very ill. Critical care patients are at high risk for development of pressure ulcers because of the increased use of devices, hemodynamic instability and the use of vasoactive drugs.

The current prevalence of pressure ulcers is high⁵.

- 1 in 10 patients in acute care
- 8.9% of adult ICU patients experience a facility-acquired pressure ulcer⁶
- The average cost for a patient with a stage III or IV pressure ulcer in the acute care setting is \$43,180 ⁷.

FEATURES OF THE HR900 ACCELLA™ THERAPY BED WHICH ARE DESIGNED TO ADDRESS THE COMPLEX AND CHALLENGING MANAGEMENT OF ICU PATIENTS:

ENHANCING MOBILIZATION FOR ICU PATIENTS:

ONE TOUCH SIDE EGRESS

- One Touch Side Egress allows the caregiver to egress in an optimal sequence by simply pressing one button, therefore facilitating the full focus of the caregiver on the patient.



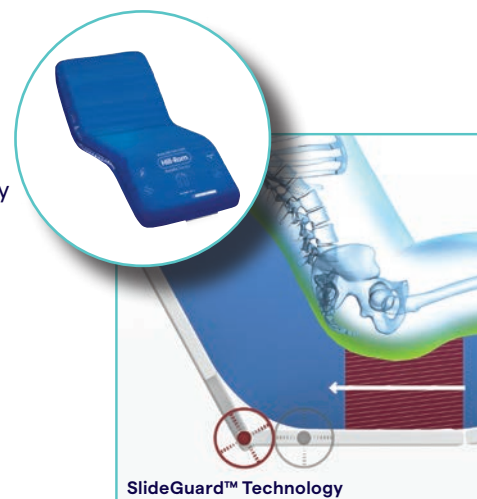
PREVENTING PRESSURE INJURIES:

ACCELLA™ THERAPY AIR-MATRESS

- Integrated pressure care management surface with Immersion Therapy and microclimate management (MCM) for enhanced protection against skin breakdown
- Integrated X-ray cassette sleeve to assist reducing patient repositioning during X-ray procedures
- Five individual low-air-pressure zones to provide optimal pressure redistribution
- Dedicated heel zone to deliver optimal protection of the vulnerable heel area

SLIDEGUARD™ TECHNOLOGY

- SlideGuard™ minimizes patient migration resulting in less patient repositioning.
- Reduces torso compression for improved patient comfort
- Reduces pressure, friction and shear that can influence skin breakdown



REDUCING PULMONARY COMPLICATIONS:

HEAD OF BED ANGLE ALARM

- HOB angle alerts allow the caregiver to ensure that ventilator associated pneumonia prevention protocols are followed
- HOB angle audible alert: Allows caregiver to programme audible alert when the HOB

EASY CHAIR FUNCTION:

- Facilitates gas exchange



SIMPLIFYING CAREGIVER TASKS:

SIMPLE WEIGH

- Simple Weigh allows caregivers to quickly measure a patient's weight instantly without having to adjust accessories on the hanging space shown
- No need to remove accessories or IV poles
- No need to adjust bed height



AUTO CPR

- When patients need CPR, every second matters. Auto CPR frees the clinician's hands in 5 seconds to administer lifesaving CPR

INTELLIGENT NIGHT LIGHT

To maximise patient safety and minimise patient injury, the bed should be placed in its lowest position at night. With its ambient lighting, the intelligent nightlight:

- Shines green when the bed is in its lowest position
- Shines orange alerting for potential height adjustment



The capability to connect Accella bed to Electronic Medical Records improves data integrity while reducing the amount of charting required and transcription error.



ABOUT HILLROM

Hillrom is a global medical technology leader whose 10,000 employees have a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. Around the world, our innovations touch over 7 million patients each day. They help enable earlier diagnosis and treatment, optimize surgical efficiency and accelerate patient recovery while simplifying clinical communication and shifting care closer to home. We make these outcomes possible through connected smart beds, patient lifts, patient assessment and monitoring technologies, caregiver collaboration tools, respiratory care devices, advanced operating room equipment and more, delivering actionable, real-time insights at the point of care. Learn more at hillrom.com.

To learn more, please contact your local Hillrom representative or Customer Care Team, middleeast@hillrom.com.

hillrom.com

¹ H1 Rosenthal VD, et al. Am J Infect Control. 2012;40(5):396-407.

² Dudeck MA, et al. National Healthcare Safety Network (NHSN) Report, Data Summary for 2010, Device-Associated Module. <http://www.cdc.gov/nhsn/PDFs/dataStat/2010NHSNReport.pdf>. Accessed 12/19/2012:17.

³ Restrepo MI, et al. Infect Control Hosp Epidemiol. 2010;31(5):509-515.

⁴ Reddy M, et al. Treatment of pressure ulcers: A systematic review. The Journal of the American Medical Association. 2008;300(22):2647-2662 (accessed July 6, 2016).

⁵ VanGilder C, et al. Presented at: Symposium on the Advances of Skin and Wound Care. 2010.

⁶ Lachenbruch C, et al. Presented at WOCN. 2011.

⁷ CMS. Fed Regist. 2008;73:48433-49084.

The Hill Rom 900 Accella bed is intended for use in intensive, acute and ambulatory care settings for patients with a weight ≥ 40 kg, height ≥ 146 cm and BMI ≥ 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.

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