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Intelligent support for individual care – thanks to sensor technology and a smartphone app

Bock makes the nursing care bed intelligent

Nuremberg, Verl (Germany), 24 April 2017: SMART Care Control®, the intelligent care support system developed by Hermann Bock GmbH, is going into series production: The innovative system combines sensor-supported resident monitoring with wireless messaging and programmable bed functions. Bock will present the SMART Care Control smartphone app for the first time from 25 to 27 April 2017 at the Altenpflege trade fair in Nuremberg, Germany. The system's qualified messages help care givers react to individual situations with the best possible information – and save time.

For example, SMART Care Control registers a resident's movements in bed and, where appropriate, informs the care giver. "Among other things, the graphic presentation of data allows care givers to see whether a resident is moving enough in bed, or if he or she should be moved to prevent bedsores. The system also notices when residents are leaving their bed," explains Dr Stefan Kettelhoit, Managing Director of Hermann Bock GmbH. "However, SMART Care Control only activates a silent alarm or directly alerts staff when necessary. The conditions for an alert can be individually defined for each resident," he adds.

More time for individual care, adapted to the needs of residents

A practical example: A resident shifts his weight and sits on the edge of the bed. The SMART Care Control technology recognises that he wants to get out of bed and switches on the under-bed lighting. That helps residents with good mobility to remain independent – there is no need for the care givers to take any action. However, if the resident is prone to falling SMART Care Control can trigger an alarm via the call system as soon as he shifts his weight to the edge of the bed. The app allows staff to react to every situation appropriately: If a resident gets up and does not return to bed within an individually defined period, then it can notify care givers via their smartphone. That allows SMART Care Control to keep care givers informed about the well-being of residents, wherever they are in building.

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Intuitive interface and intelligent documentation

SMART Care Control is already available for the practico alu plus nursing care beds and will soon be available for the practico ultra low 9.5/80 ultra-low beds from Hermann Bock GmbH. The system consists of a number of networked components. Along with information from its intelligent sensors, it registers the lying surface setting and uses a graphic display to show the resident's position. Intuitive, intelligent bed control functions can be configured using a tablet app, helping care givers to perfectly adapt the bed to the therapeutic needs of the resident in just a few seconds. The system also allows residents to adjust their bed within individually defined limits, while ensuring that they are optimally protected from bed positions that could have therapeutically negative effects.

The system also saves the relevant data from the integrated sensors and technology and makes it available for documentation. That frees up time for care giving and offers an added level of security in the case of subsequent questions. The technicians with responsibility for the bed can remotely access the bed's technical data at any time.

“We developed SMART Care Control to gives residents more freedom,” explains Managing Director Dr Stefan Kettelhoit: “At the same time, the intelligent use of data gives care givers the security of immediate information when something is awry.”

(approx. 3,500 characters)

Photo caption (170424_Smart-Care-Control_BOCK.jpg)

Intelligent SMART Care Control nursing care beds communicate with the newly developed tablet and smartphone apps from Bock.

About Hermann Bock GmbH

Founded in 1919, Hermann Bock GmbH (www.bock.net) is a leading international developer and manufacturer of nursing care beds from Germany. The highly functional beds from this family business are used around the world, from rehabilitation clinics and retirement homes to at-home care. Approximately 160 bock employees work on optimising the benefits of nursing care beds for residents and care givers. bock sets new standards for responsible in-bed care with a variety of pioneering, patented solutions. As a supplier of furniture, the company also creates interior design concepts, which include all furnishings. All bock nursing care beds are made in Germany in accordance with the highest quality and safety standards. From development to manufacturing, all steps of the production process take place at our site in Verl, Germany.
