

cLEAN BED



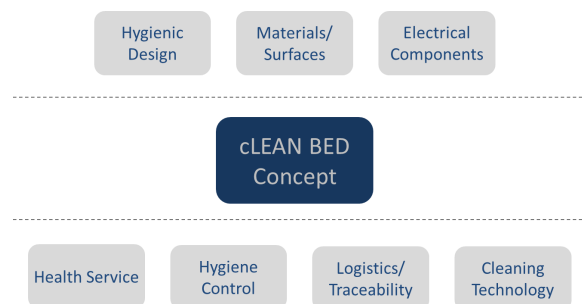
Objective The purpose of the project is to develop a coherent concept for a cleaning efficient hospital bed. The concept is based on developments and clinical tests of prototype components with the use of new hygienic design principles, materials and new technology.

Challenge Microbial threats and the demand for efficiency in the healthcare sector create a need for innovation along the value chain from service providers to equipment producers.

Hospitals face major infection hygiene challenges in the battle against bacterial resistance to antibiotics and hospital acquired infections, that infect up to 10 % of all patients. New use automation, chemical and thermal disinfection provide opportunities but also poses new threats to equipment lifespan, hospital logistics and EHS.

Aim The main aim of cLEAN BED is therefore to develop a new concept where the design of hospital beds are aligned with future cleaning systems that meet three criteria:

- Improved infection hygiene
- Compliance with new standards
- Efficient cleaning and logistics



Approach In order to meet the hygienic and service demands of tomorrows hospitals and improve competitiveness along the value chain, the project works with a multiple approach to join;

- Insights and documentation on microbiology and economical efficiency
- Innovations in hygienic design, materials, components and cleaning systems

Period November 2012 – October 2014

Partners KR Hospitalsudstyr, Hvidovre Hospital, Regionshospitalet Randers, LINAK, KEN Hygiene Systems, ZIBO, Sanitized, Danish Technological Institute

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