IMPROVING HOSPITAL LOGISTICS BY RETHINKING TECHNOLOGY ASSESSMENT -
DTU Orbit (27/12/2018)

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In order to cope with the future challenges of the health care sector, there is an urging need for improving efficiency at
hospitals. The study presents a framework enabling health care managers of improving the in-house logistics. The
distinctiveness of the framework is the way in which it relates technology, logistics, structure and procedures to efficiency.
Changing one factor e.g. technology, initiates an iterative loop focusing on change in the related factors in order to obtain
the optimal efficiency. The search for an optimal efficient solution is the driving force of the framework, and will secure one
iterative circle followed by another in an endless journey. The framework represents innovation as a broad solution where
iteration between important factors secures an optimal solution. The study is performed as a case study with close
relations to the staff at an emergency department at a Danish hospital. The framework is tested on the blood sample
logistics between the emergency department and laboratory with the goal of enhancing the efficiency of the emergency
department.

General information
State: Published
Organisations: Operations Management, Department of Management Engineering
Contributors: Jacobsen, P., Jørgensen, P. M. T.
Publication date: 2011

Host publication information
Title of host publication: 12th International CINet Conference
Keywords: Health care, logistics, technology assessment
Electronic versions:
prod11324369184106.Improving_hospital_logistics_by_rethinking_technology_assessment_-_Publised_version[1].pdf
Source: orbit
Source-ID: 316302
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011