AARHUS UNIVERSITY

School of Business and Social Sciences

Technology Specialisation 1

Rehabilitation strategies for Patients with Cardio-vascular disease

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Abstract

Acronyms and Abbreviations

ICT Information Communications Technology

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Test af skrift type
Prøve: [1] Test

1.1 Background

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The total cost of treating cardiovascular patients at the hospitals in Denmark was 5.5 billion DKK in 2015. The incidence is approximately 55.700 a year. About 107.100 Danes get admitted to the hospital every year due to a cardiovascular disease. Overall this will be 148.600 admission due to approximately 23 percent of the cardiovascular patients are readmitted into the hospital within 30 days after being discharged. Beyond the admissions the Danish system have 73.100 ambulant consultation within the hospital. Every year 12.400 Danish citizens dies from cardiovascular disease and it is thereby the second most common cause of death in Denmark .

All this indicates that cardiovascular patients constitute a large part of the Danish states economy. This leads to our problem statement which is:

• How can ICT be used to shorten hospital stay for cardiovascular patients? • Which barriers/challenges can such system meet in implementation? • What impact would an ICT solution for rehabilitation have on both cardiovascular patients and the Danish healthcare system?

1.2.1 Delimitation

2 | Method

3 | Theory

4 | Empirical process

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Appendix

References

[1] Adnan K. Chhatriwalla, Keith B. Allen, John T. Saxon, David J. Cohen, Sanjeev Aggarwal, Anthony J. Hart, Suzanne J. Baron, Danny Dvir, A. Michael Borkon. Bioprosthetic Valve Fracture Improves the Hemodynamic Results of Valve-in-Valve Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions. 2017. 10 (7): e005216.

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