Evaluation of a mobile EPR system for a new Healthcare Professional in Germany

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Introduction

This work briefly introduces the evaluation of the agnestwob app, a mobile electronic patient record system for Android tablets that has been developed as working appliance for agnestwo nurses. Such nurses are a new form of healthcare professional, working as a doctor’s right hand with a special training in case-management. The app has been evaluated during a three month field test with six participants comprising approximately 2000 working hours and treating 174 patients (mean = 29).

1. Methods

Beginning and end of the field tests were marked with workshops. During the field test, we performed phone and personal interviews. In the end, a guided group discussion was performed and a questionnaire was handed out to elevate the nurses’ opinions.

2. Results

The results of the field test emphasize that (i) following a flexible, user-centred design process is beneficial when developing such specialized ICT tools and that (ii) the usage of tablets as a highly-mobile and light-weight platform is promising in the field of home-visiting medical practitioners.

3. Discussion

Establishing a closed-feedback loop during the implementation helps to identify/satisfy the majority of requirements of different stakeholders and avoids expensive subsequent work.

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² For further information about the development process, the applied paradigms and the evaluation results and findings, the interested reader is referred to http://www.dai-labor.de/publikationen/899.