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Health
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HEALTH INFORMATION SCIENCE SEMINAR SERIES

Patient Safety through Intelligent Procedures in medication - A European human factors user driven design project

GUEST SPEAKER:

Dr. Christian Nøhr

DEC. 2, 2015, 12:00-1:00 PM PST (in person and online)

HSD A170

Medical care is intended to improve health, but often patients are harmed by the care they receive. As drug ordering and administration is the most common therapeutic treatment, adverse drug events (ADE's) are the most common adverse event occurring during the care process. Adverse drug events endanger the patients' safety and instigate considerable extra hospital costs. Therefore, a significant reduction of preventable ADE is a challenging issue in Public Health.

The European project Patient Safety through Intelligent Procedures in medication (PSIP) aims at preventing medical errors. The objectives are: 1) to facilitate the systematic production of epidemiological knowledge on ADE's and 2) to improve the entire medication cycle in a hospital environment.

This lecture will describe how the human factors principles have been applied in the design process of a clinical decision support module in the Danish part of the PSIP project through participatory design methods.

Dr. Christian Nøhr's main research field is technology assessment and evaluation studies, organisational change, participatory design and implementation of information systems in health care. Dr. Nøhr is a Professor at Aalborg University and teaches in their programmes in Techno anthropology, Medicine and Interaction Design.

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