

Title: NCM eHealth standards group work in progress: standards supporting healthcare professionals' work and data quality

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Abstract:

eHealth standards are in central role in interoperability of health systems and data. Data quality and support for daily work of health professionals is increasingly considered the development and use of eHealth standards. On one hand, data quality is increasingly considered as a critical success factor for primary and secondary use of health information.

On the other hand, there is a growing interest in standardization organizations all over the world on the topic how to reduce healthcare professional's documentations burden with the help of eHealth standards. One of the mandate topics for the Nordic Council of Ministers (NCM) eHealth standards group is to share the knowledge and best practices in eHealth in Nordic countries around issues such as digital health structures in different Nordic countries, quality of data, interoperability at all levels of eHealth services, and support for the work of health professionals through digitalization.

This presentation describes the ongoing work in NCM eHealth standards group. The presentation discusses the role of standards in the lifecycle of systems and data in healthcare in relation to roles of different actors. Challenges, opportunities, and candidate recommendations for supporting data quality and fluent work of professionals using eHealth standards are discussed.

The presented work is an ongoing joint effort by members of the NCM eHealth standards group, co-edited by Manne Andersson (Sweden), Minna Maria Hernandez (Norway) and Juha Mykkänen (Finland).

A short presentation of you:

Juha Mykkänen (PhD, FIAHSI) is a chief specialist for standards, interoperability and information architecture in Finnish Institute for Health and Welfare (THL). He holds a title of docent (adjunct professor) on health information systems in University of Eastern Finland.

He has worked for more than three decades in steering, development and research in health information systems, interoperability, standardization, electronic health records, national health information exchange, health information regulation and information strategies for healthcare and social care. He participates in various projects and groups related to standardization, national and EU regulation and eHealth development on national and international level and has authored or co-authored more than 250 articles, reports, and specifications.