



***Workshop:  
Patient Centered (Health) Care Solutions***

**Mobile Guidelines for Pharmacologic Treatment of Hypertension**

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**Abstract**

Computerised guidelines contain experience and intelligence wrapped up in elec-tronic form. From theoretical point of view, the logic of guidelines is still a rather open problem. Furthermore, a successful system includes not only knowledge repre-sentations, but obviously also implementations, usage and evaluation.

In an eHealth environment, computerised guidelines are expected to communicate with other subsystems, such as those provided by information sources and hardware devices. As also these subsystems may build upon intelligence and certainly involve their own usage scenarios, this implies further complications also the knowledge representation and software engineering tasks.

In these developments, public health problems provide case studies with potentially rather huge impacts.

Examples are provided e.g. by guidelines involving pharma-cologic treatment. Knowledge and reasoning need to interact with information man-agement, and often involves utility of various devices. Well organised databases for pharmacological information are necessary for successful engineering of mobile ex-tensions in these case studies. The public is now also one of the driving forces in these developments. As e-prescriptions and generic substitutes are appreciated by the public, we may expect mobility of knowledge in its various forms to be a near future success story.

**References**

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