Knowledge Management methods, tools and technologies in the domain of healthcare (KnowCare)
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Healthcare consists the diagnosis, treatment and prevention of defectiveness or unsoundness condition in humans. Various practitioners such as physicians and nurses play roles in treatment and care giving process. To diagnose, treat and prevent the diseases, practitioners need to deliberately use different knowledge sources. The major sources of knowledge are medical/nursing textbooks and clinical guidelines. Such sources include explicit knowledge. However the higher the level of experience, the better and more trustworthy performance. The experiences as a kind of implicit knowledge are obtained through learning by doing within working life. For performing better actions or making the appropriate decision both types of knowledge should be assessed, formalized, stored, retrieved, shared and transferred in right time and to the right persons. Nowadays Knowledge Management (KM) tools and technologies support managing the entire knowledge lifecycle. Institute of Knowledge Based System (KBS) is involved in different "KM-Healthcare" projects and has a lot of expertise in this context. In the framework of the seminar we would like to find out the answers of the questions below:

* What sort of knowledge is being utilized in healthcare for diagnosis, treatment and prevention?
* What are the technologies and methodologies for formalizing healthcare knowledge?
* What are the KM tools for physicians, nurses and health organizations?
* How can we assess knowledge of healthcare practitioners and create/update (new/acquired) knowledge?
* What are the challenges of health care which might be resolved by KM solutions?

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