

# Keynote Speaker:

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**Prof. Dr.-Ing. Madjid Fathi**

**Institute of Knowledge Based Systems**

**University of Siegen, Germany**



## **Utilizing Knowledge Technology in Neurological Nursing and Rehabilitation**

### **Abstract**

Today old population is increasing and subsequently cares dependency. Nowadays societies face to more neurological diseases. Care rate in Germany, due to the aging of society in 2020 will increase to 2.9 million. The highest increase was in the diseases of the nervous system. Statistics shows that Every 3 minutes a person in Germany has a stroke, every 9 minutes a patient who suffered a stroke dies. On one hand the world face to needs of more care, on the other hand WHO states that health system has lacks of the right people with the right skills in the right place, especially nurses and general practitioners.

To support health system institute of Knowledge Based System developed some projects. One of these projects is Med-Assess. Med-Assess will support health system by providing a solution where nurses may assess their knowledge and skills to get an insight in which areas they might need refreshment or further training. Additionally Med-Assess will support superiors in a hospital or other medical institution in recruitment tests for new employees, in the measuring of knowledge, abilities and competencies of current employees as well as providing learning content or material for VET on the job. With regard to the international context, Med-Assess can be used for determining whether a foreign job applicant holds similar knowledge and qualifications than a local applicant, or if he will need additional training to fulfill the job related tasks.

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