Evaluation of a radio based ADL interaction recognition system in a day hospital for old age psychiatry with healthy probands.

Abstract: In this contribution the evaluation of a system called "Eventlogger" is presented, which is installed in a day hospital for old age psychiatry. The Eventlogger is a radio based module with an adjustable communication range, able to recognize interaction of the user with objects or with other people. It is intended to function as a monitoring tool for the users' activities. Due to the demographic change monitoring systems for elderly people become more important. In this paper the "simple activities of daily living" (sADL) is introduced as well as the evaluation for the recognition of sADL in a day hospital for old age psychiatry with healthy probands is presented. Together with the first approaches of post processing for better results it is shown that the system is now ready to be used with patients of the day hospital for old age psychiatry.


Jahr: 2011
Band: 2011
Seiten: 1814-8
Sprache: eng
Print-ISSN:
TUM Einrichtung:
  r Psychiatrie und Psychotherapie

Occurences:
  - Einrichtungen > Fakultäten > Fakultät für Medizin > Kliniken und Institute > Klinik und Poliklinik für Psychiatrie und Psychotherapie > 2011

entries: