
PAMAP: Physical Activity Monitoring for Aging People

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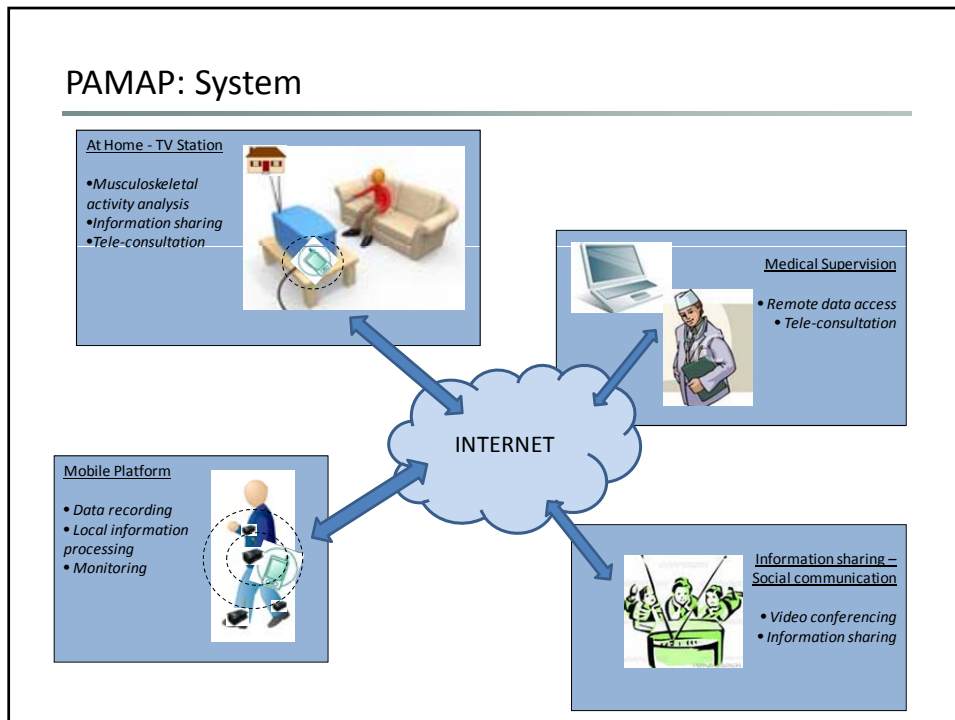
PAMAP: Physical Activity Monitoring for Aging People

- A balanced physical activity is essential for “well aging”
- Many studies confirm that physical activity:
 - stimulates the immune system
 - decreases depressive state
 - reduces muscle loosening
 - activates the bone remodeling
 - reduces the risk of cardiovascular diseases
 - is an excellent factor for the functional rehabilitation process
 - ...

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PAMAP: System



PAMAP: Partners

- DFKI: Deutsches Forschungszentrum für Künstliche Intelligenz
 - Department: Augmented Vision (Kaiserslautern)
 - Tasks: project lead, sensor fusion, inference of physical activities, visualization
- Intracom Telecommunication (Greece, Athens)
 - Tasks: wireless body network, distributed database, video conferencing
- University of Compiegne (France, Compiegne)
 - Department: BioMécanique et BioIngénierie (BMBI)
 - Bio-mechanical models, musculo-skeletal activity of upper and lower limbs
- Trivisio prototyping GmbH (Germany, Dreieich)
 - Tasks: MEMS technology, wireless sensors, mobile computing unit
- Foundation Alphonse de Rothschild, clinic for functional rehabilitation (France, Chantilly)
 - Application definition, clinical studies, trials

Thank you !

Contact

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