

# Educating of professional staff and end-users of AAL- services

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## **Current Challenges and wishes**

- ★ demographic changes
- ★ lack of professional staff
- ★ digitalization
- ★ patient empowerment
- ★ self management
- ★ autonomous life



## **Implementation of AAL-Services & Support / Education**

Necessary basic conditions:

- General support and monitoring of the end-users of AAL-services: provide access to innovative technologies and services based on sound knowledge of social life styles, geriatrics and family discussions, empowerment, activation in iterative processes
- Education of professional staff in the use of applied AAL-solutions in the private living and e-Health-sector: provide confidence, acceptance and knowledge

**Brockes et al: Evaluation of the Education "Clinical Telemedicine/e-Health" in the Curriculum of Medical Students at the University of Zurich. Telemed J E Health. 2017 Nov;23(11):899-904**

- Digitalization and patient empowerment result in new requirements and challenges. In response, the module "Clinical Telemedicine/e-Health" was implemented by the Faculty of Medicine of Zurich in 2008. The module was systematically evaluated to determine if the students would benefit from this course. In 2011, 2015, and 2016 further evaluations were performed.

- Every mean value of the combined evaluations of 2008/2009, 2011, and 2016 achieved a score of over 4 on a 6-point scale. In 2011, and also again in 2016, the overall satisfaction and understanding of telemedicine as a supplement in traditional medical consultations increased as follows:  $4.71 \pm 0.74$  versus  $4.86 \pm 0.93$  versus  $5.1 \pm 1.5$  and, respectively,  $5.02 \pm 0.96$  versus  $5.25 \pm 0.81$  versus  $5.7 \pm 0.6$ .

## **Topics in der Education „Clinical Telemedicine / e-Health“ in the curriculum of medical students**

1. Day: Introduction to the Module, Sensoring, e-Health in the Field of Radiology, Medical support in Africa
2. Day: Teleconsultation in Vascular Surgery, Mobile Health, Clinical Telemedicine in the University Hospital Zurich
3. Day: Key Points in Telemedicine and e-Health, Legal Points, Online-Consultation for Dermatologic Problems, Introduction Workshop Online-Consultation
4. Day: First Workshop Online-Consultation, Telemedicine in Integrated Health Care, Digital Pharmacology
5. Day: Second Workshop Online Consultation, Patient Empowerment, Data Protection
6. Day: Telemedicine for the Elderly, Telemetric Blood Pressure Intervention and Weight Measurement, Teleconsultation for Psychiatric Problems
7. Day: Electronic Pass For Pregnant Woman, Telephone-Consultation, Conclusion of the Module

## **Senior Residency**

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### **Facilitating every day life through alcare services**

My great desire is to live independently in my home as long as possible. I get access to assistance services for everyday life. If I have problems, familiar faces are there for me, and also are able to come to my home. The helpers know me and my needs well, I trust them greatly. This makes me feel safe and secure in my home.