

Introduction to the PB Mobile Health (mHealth)

1. Introduction & Overview: What is mHealth? What is the aim of the potential area mHealth?

What has been achieved so far?

Bernd Meyer, Andreas Hein

2. Mobile analysis and classification of gait and balance disorders (mGanG)

Lea Feld

(Project Lead: Tania Zieschang, Birger Kollmeier, Andreas Hein)

SeFalled project

Michel Hackbarth, Laura Schmidt

(Project Lead: Tania Zieschang)

3. Objective neurophysiological correlates of speech behavior in mobile applications

Till Habersetzer, Bernd Meyer

(Project Lead: Andreas Radeloff, Bernd Meyer)

4. Identification of biosignals for mobile sleep screening with special focus on apnea (IdA)

Benedek Szmolek, Insa Wolf

(Project Lead: Karsten Witt, Insa Wolf, Birger Kollmeier, Andreas Radeloff)

5. Sonic Guard - Sound analysis of intestinal sounds for detection of tumors and other diseases of the gastrointestinal tract

Zahra Mansour, Nils Strodthof

(Project Lead: Dirk Weyhe, Verena Uslar, Nils Strodthoff, Danilo Hollosi)

6. CAWIP - Clinical Anatomy for Well-Informed Patients

Steffen Busse

(Project Lead: Dirk Weyhe, Verena Uslar, Anja Bräuer, Veysel Ödemis, Sebastian Fudickar)

La-Ola

Verena Uslar

7. Resume and discussion

Andreas Hein, Bernd Meyer