



Post-doctoral Research Position – Development and evaluation of a novel ambient sensor system

**ARTORG Center for Biomedical Engineering Research & Division for Preventive Cardiology and Sports Medicine, University Hospital for Cardiology
University of Bern, Switzerland**

Within the Gerontechnology and Rehabilitation Group, clinicians, psychologists and engineers collaborate with the goal to develop and evaluate technologies that promote independent living for elderly patients. The group is headed by two clinicians (R. Müri and UP. Mosimann) and an engineer (T. Nef).

In October 2015, a CTI-funded project with the title “Swiss-Korean project to develop and integrate new health services including wearable devices into the existing DomoSafety ambient sensor system” will be launched under the supervision of Hugo Saner (Cardiologist) and Tobias Nef in collaboration with DomoSafety SA.

We are seeking a motivated post-doctoral clinical researcher to develop and evaluate in-home monitoring technology to assess the current health status of elderly patients at home. Data to be measured include activity, sleep, physiological data and other metrics. The main challenge of this project is to develop and evaluate the algorithms to extract clinically meaningful data.

For this position, we are looking for an active and self-motivated person with a background in medicine, sports science or biomedical engineering. Interest to collaborate with an interdisciplinary team and willingness to interact with older patients is important. A PhD or MD degree, a proven track record of peer-reviewed publications and strong communication skills are needed.

The full time position is available immediately; the starting date can be negotiated.

We look forward to you joining our team!

Questions?

Always feel free to contact Prof. Dr. Tobias Nef, at tobias.nef@artorg.unibe.ch or +41 31 632 74 78. Please send your complete application with CV and publications list via e-mail.

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