

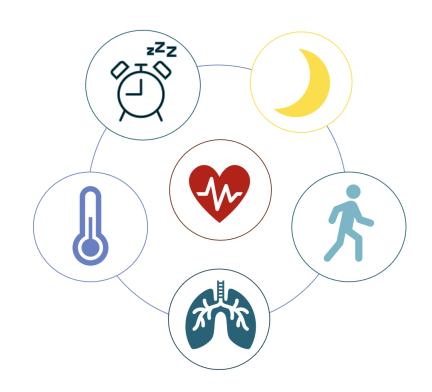
# Harnessing novel data sources for next-generation observational health studies

**«DSI meets USZ»** 

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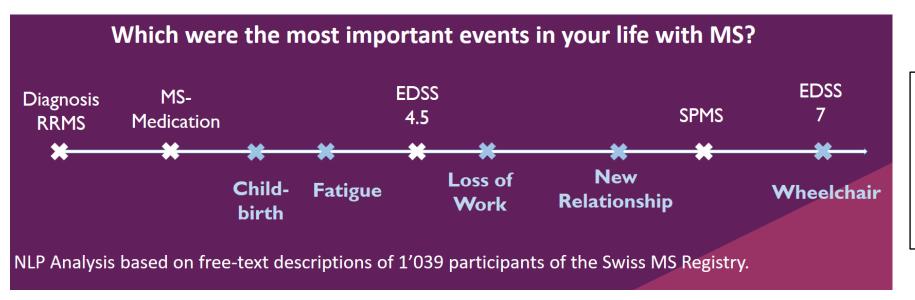


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# Participatory science – engaging patients and citizens in research





Keywords
Citizen Health Science
Lived experiences
Mixed methods
Describing disease histories

«My life with MS» - Citizen Science study for and with persons with Multiple Sclerosis



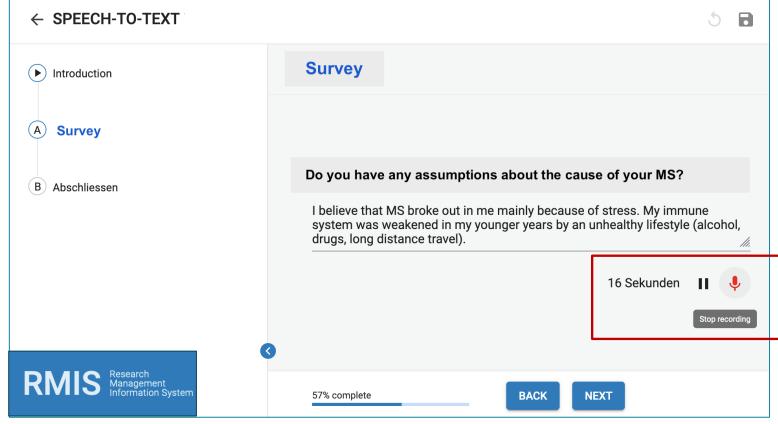
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# Talk2UZH "Talk to us" – combining surveys with speech and voice analysis





### **Keywords**

Speech-to-text transcription
Multilingual, UZH-hosted
Longitudinal research platform
Mixed methods studies

UZH-hosted RMIS study platform for longitudinal research studies



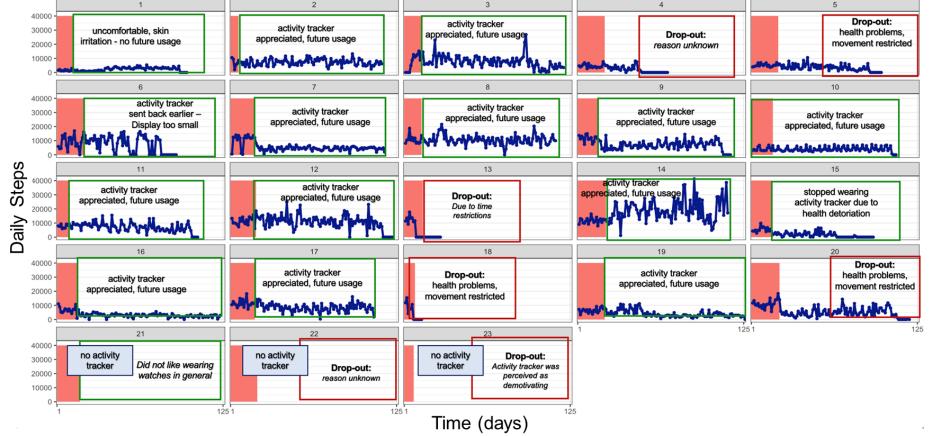
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# Wearable sensors for routine chronic disease care - benefits, challenges, and success factors?





### **Keywords**

Passive monitoring Behavioural changes Digital biomarkers Implementation

«Bliib dra!»: Implementing activity sensor tracking in post-rehabilitation care





Next-generation Observational Research on Chronic Diseases and Health (NOR-CH)



### Digital & Mobile Health Group – The 3 Research Pillars

### Digital Research Studies



Develop and validate

new technologies for
routine chronic disease

care and research

### **Digital Public Health**



Overcome **technical and nontechnical challenges** to improve Swiss **health data ecosystem** 

### **Methods of Digital Health**



Create methodological guidance for working with novel digital data and for conducting remote research



### Thank you for your attention!

Access to speechto-text platform (test version of Talk2UZH)







