

# Überblick zu Forschungsarbeiten am Insitut für Digitale Medizin

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Digital technologies have penetrated almost any aspect of todays life. Yet, when visiting a medical facility, most data from patients is still either collected with a pen and paper questionnaire or entered manually during a physical examination. This poses problems since recall of medication, past interventions or allergies can be incomplete. Similarly, information in clinical trials is only acquired in dialog with study personnel or in handwritten diaries. Additionally, data that is already routinely acquired by todays smart devices, such as physical or physiological activity, cannot be transferred to the medical specialist. The reasons are manifold, ranging from legal to organisational issues. This results in a disconnect gap between the available knowledge and information that can be gathered automatically or actively through smart devices and the information that is currently used in making clinical decisions. Here, we report on several examples on how patient generated data can be used in clinical research or care and show the ongoing activity at the Institute of Digital Medicine in improving patient care.