

## Research Project

### NT-proBNP and medication adherence (LabAdhDoc)

#### Project funded by own resources

**Project title** NT-proBNP and medication adherence (LabAdhDoc)

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#### Organisation / Research unit

Departement Pharmazeutische Wissenschaften / Pharmaceutical Care (Hersberger)

**Project start** 01.06.2019

**Probable end** 31.12.2022

**Status** Completed

A functional classification exists for heart failure (HF) that shows however poor relationship to the severity of symptoms. Guidelines recommend to measure the biomarker N-terminal pro-B type natriuretic peptide (NT-proBNP) to support clinical decision. Non-adherence to prescribed HF treatment may lead ultimately to hospitalization and mortality. Guidelines recommend multidisciplinary management and monitoring. In medical practices, electronic health records (EHR) are often locally configured. Nevertheless, laboratory results are transmitted in digital form. We aim at monitoring adherence to HF treatment with an electronic device (Time4Med) in ambulatory patients and transmit the adherence record in analogy to laboratory values of NT-proBNP. In a further step, we will evaluate the contribution of the adherence report to the treatment adaptation and ultimately to HF patients' outcomes.

**Keywords** NT-proBNP, electronic health records, non-adherence, Tim4Med

#### Financed by

University funds

**Add publication**

**Add documents**

**Specify cooperation partners**

ID	Kreditinhaber	Kooperationspartner	Institution	Laufzeit - von	Laufzeit - bis
4526337	Arnet, Isabelle	Pauli, Dominic, Dr. med.	openmedical company	01.01.2019	31.12.2021