

## Research Project

### Cobalamin deficiency in ambulatory individuals: awareness and preferences for substitution

#### **Project funded by own resources**

**Project title** Cobalamin deficiency in ambulatory individuals: awareness and preferences for substitution

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#### **Organisation / Research unit**

Departement Pharmazeutische Wissenschaften / Pharmaceutical Care (Hersberger)

**Project start** 01.06.2019

**Probable end** 31.12.2021

**Status** Completed

Deficiency of cobalamin (vitamin B12) is determined in laboratory with various strategies that measure different biomarkers such as vitamin B12, holotranscobalamin or both simultaneously. However, patient history and clinical signs should also be considered when posing the diagnosis. We aim at exploring which laboratory strategy is cost-efficient in the clinical setting. We will analyse retrospectively laboratory data.

We also aim at investigating the awareness of cobalamin deficiency in the population at risk (such as older adults, vegetarians, vegans). We will determine patient preferences for substitution treatment that guarantees best medication adherence. We will conduct focus group discussions.

**Keywords** cobalamin, deficiency, risk factors, substitution, patient preferences

#### **Financed by**

University funds

#### **Add publication**

##### **Published results**

4514424, Rothen, Jean-Pierre; Hersberger, Kurt E.; Arnet, Isabelle, Comment on "Efficacy of long-term oral vitamin B12 supplementation after total gastrectomy: results from a prospective study", 2341-4545, GE Portuguese Journal of Gastroenterology, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

#### **Add documents**

#### **Specify cooperation partners**