# ROLE OF PHARMACISTS IN IMPROVING THERAPEUTIC DRUG MONITORING AND DOSING OF VANCOMYCIN

A. VREYS<sup>1</sup>, A. SOMERS<sup>1</sup>, K. DERYCKERE<sup>2</sup>.

<sup>1</sup>GHENT UNIVERSITY, FACULTY OF PHARMACEUTICAL SCIENCES, GHENT, BELGIUM.

<sup>2</sup>AZ MARIA MIDDELARES HOSPITAL, DEPARTEMENT OF PHARMACY, GHENT, BELGIUM.

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# Background and Importance

Accurate dosing and therapeutic drug monitoring (TDM) of **vancomycin** (VAN) are essential for effective treatment. However, achieving target concentrations often proves challenging due to **weak compliance** with institutional **guidelines**. Enhanced **support and education**, particularly involving **pharmacists**, are suggested to improve TDM practices of vancomycin.

## Aims and Objectives

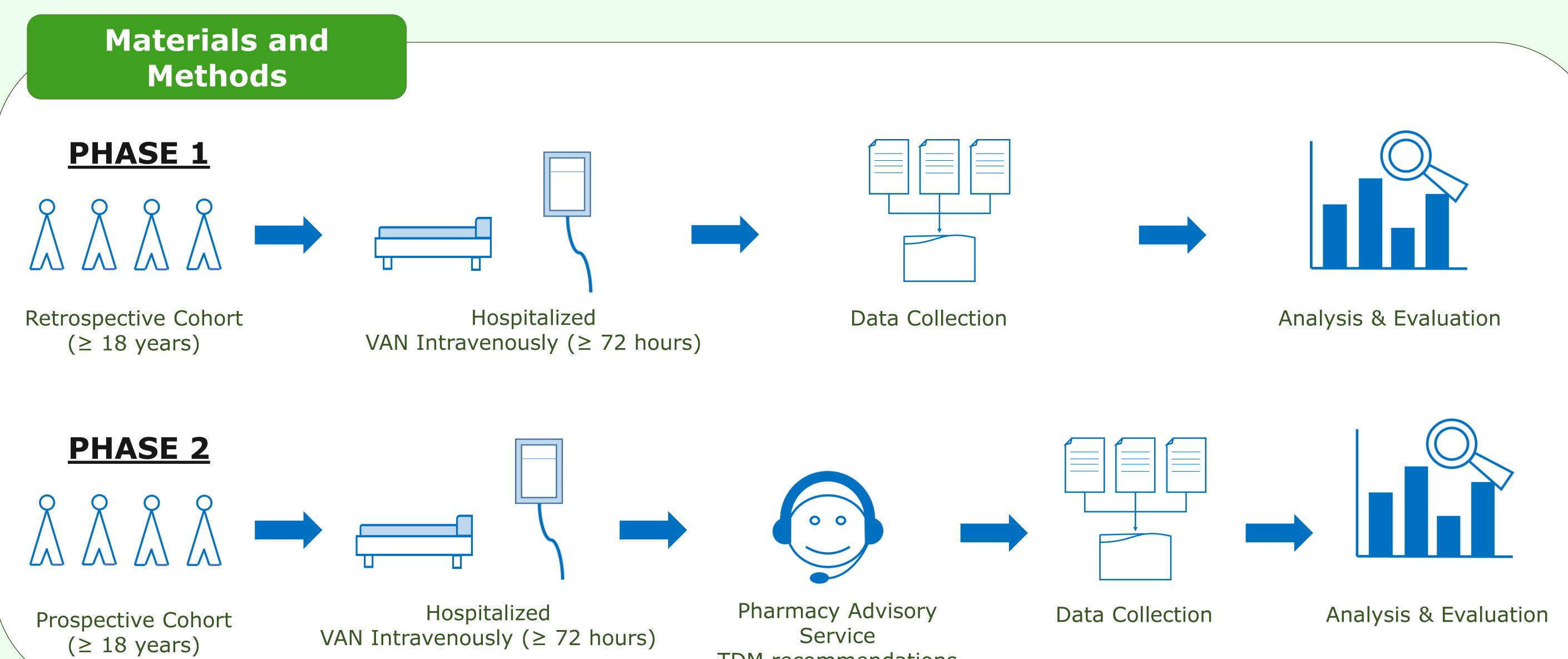
### **Primary endpoints**

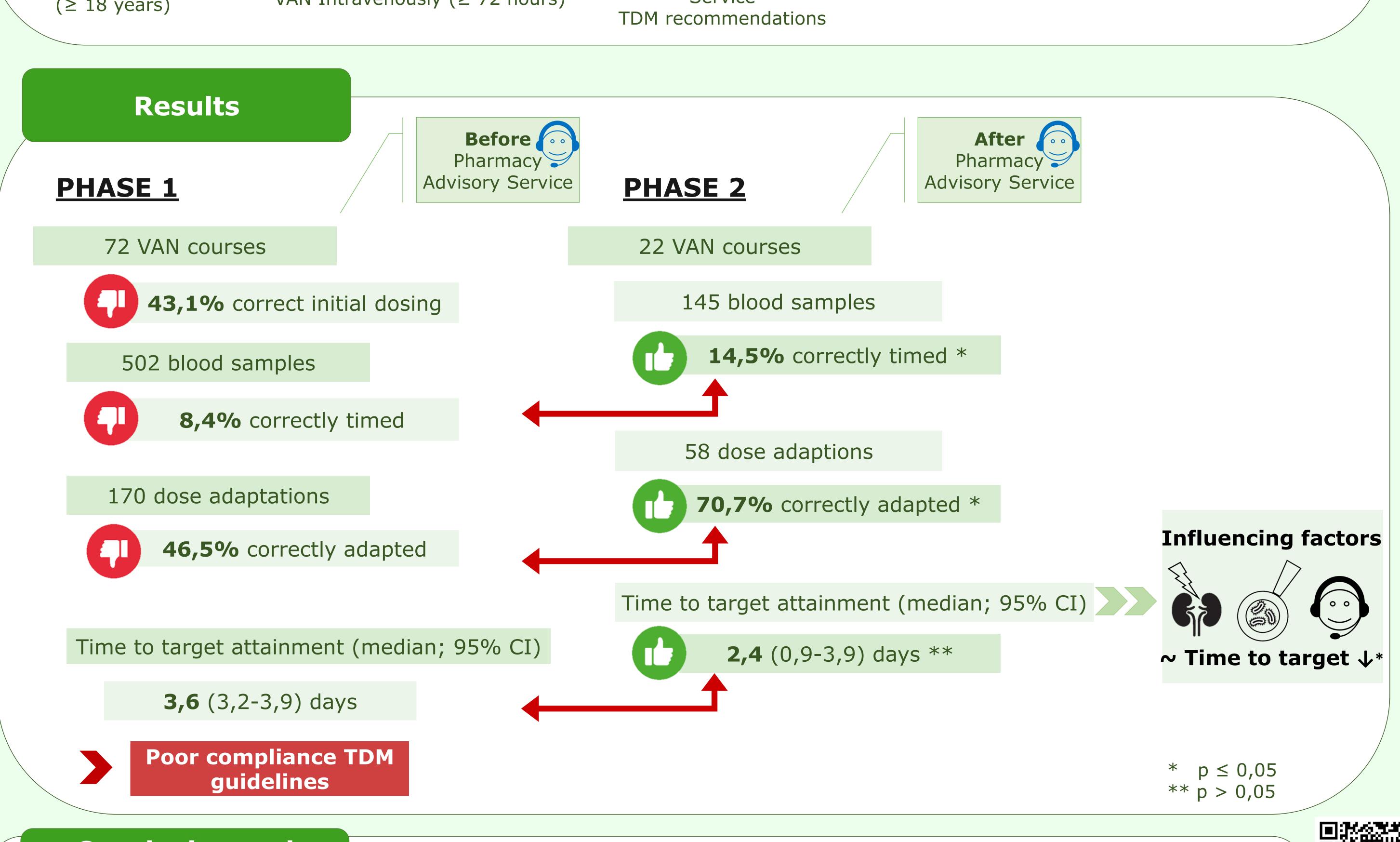
Impact of pharmacist intervention on

- Time to initial target attainment
- Compliance with institutional TDM guidelines

#### **Secondary endpoints**

- Identification of TDM related issues
- Factors influencing the time to target attainment





Conclusion and Relevance

Provision of **TDM guidelines alone** is **not sufficient** in ensuring correct prescription and monitoring of vancomycin. Daily **dosing guidance** by pharmacists **may enhance** TDM practices and **may shorten** time to target attainment of vancomycin.

