

Updating the PRISCUS list of potentially inappropriate medications for the elderly – Asking the right questions to consult the oracle(s) of Delphi

Nina-Kristin Mann¹, Tim Mathes², Andreas Sönnichsen³, Anette Zawinell⁴, Dawid Pieper², Petra A. Thürmann^{1,5}

¹Department of Clinical Pharmacology, School of Medicine, Faculty of Health, Witten/Herdecke University, Witten, Germany, nina-kristin.mann@uni-wh.de ²Institute for Research in Operative Medicine, School of Medicine, Faculty of Health, Witten/Herdecke University, Cologne, Germany ³Department of General Practice and Family Medicine, Center for Public Health, Medical University of Vienna, Vienna, Austria ⁴Research Institute of the Local Health Care Funds (WIdO), Berlin, Germany ⁵Philipp Klee-Institute for Clinical Pharmacology, Helios University Hospital Wuppertal, Wuppertal, Germany

Background

- Older patients are often affected by **multimorbidity** and **polypharmacy**
- Older patients are vulnerable to adverse drug events **ADE**
- Lists of potentially inappropriate medications **PIM** indicate which drugs to avoid in older patients
- The **PRISCUS list**¹ was the first PIM list developed for the German drug market
- The PRISCUS list was published in 2010 and is no longer **up-to-date**

Aim Updating the PRISCUS list based on **newly available evidence**

Methods

Step 1

Identification of possible PIMs via international PIM lists and a literature search

Review of the **prevalence** of identified possible PIMs in German older patients using claims data

A lack of evidence is often criticised in PIM lists → **syst. reviews**², adapted GRADE

Preparation of a **preliminary drug list**

Step 2

Delphi survey³, 2 rounds

Expert **rating of inappropriateness** of selected drugs for older patients

Based on provided data and clinical experience

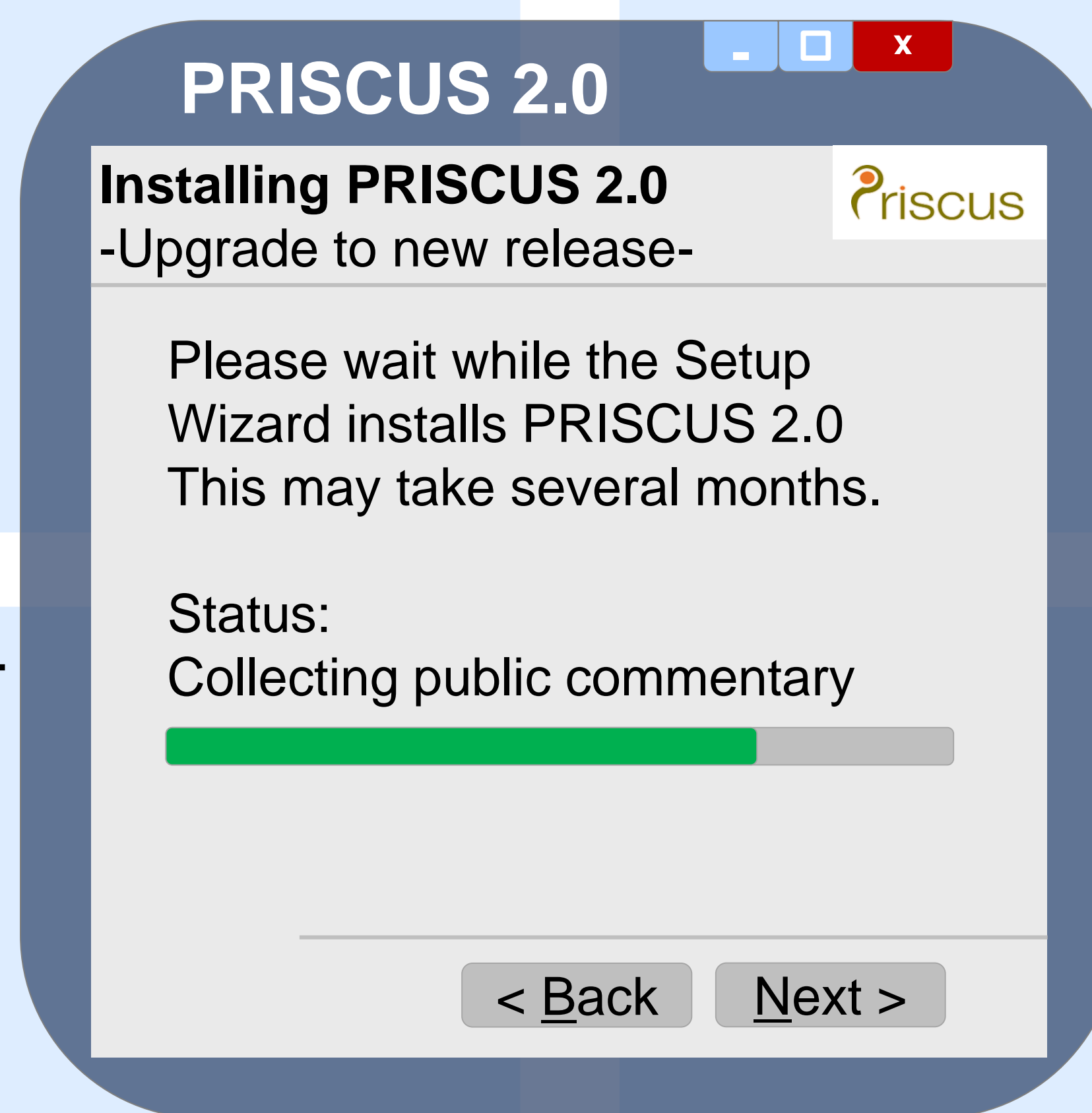
Step 3

Collection of **comments**⁴ on the results of the survey (website)

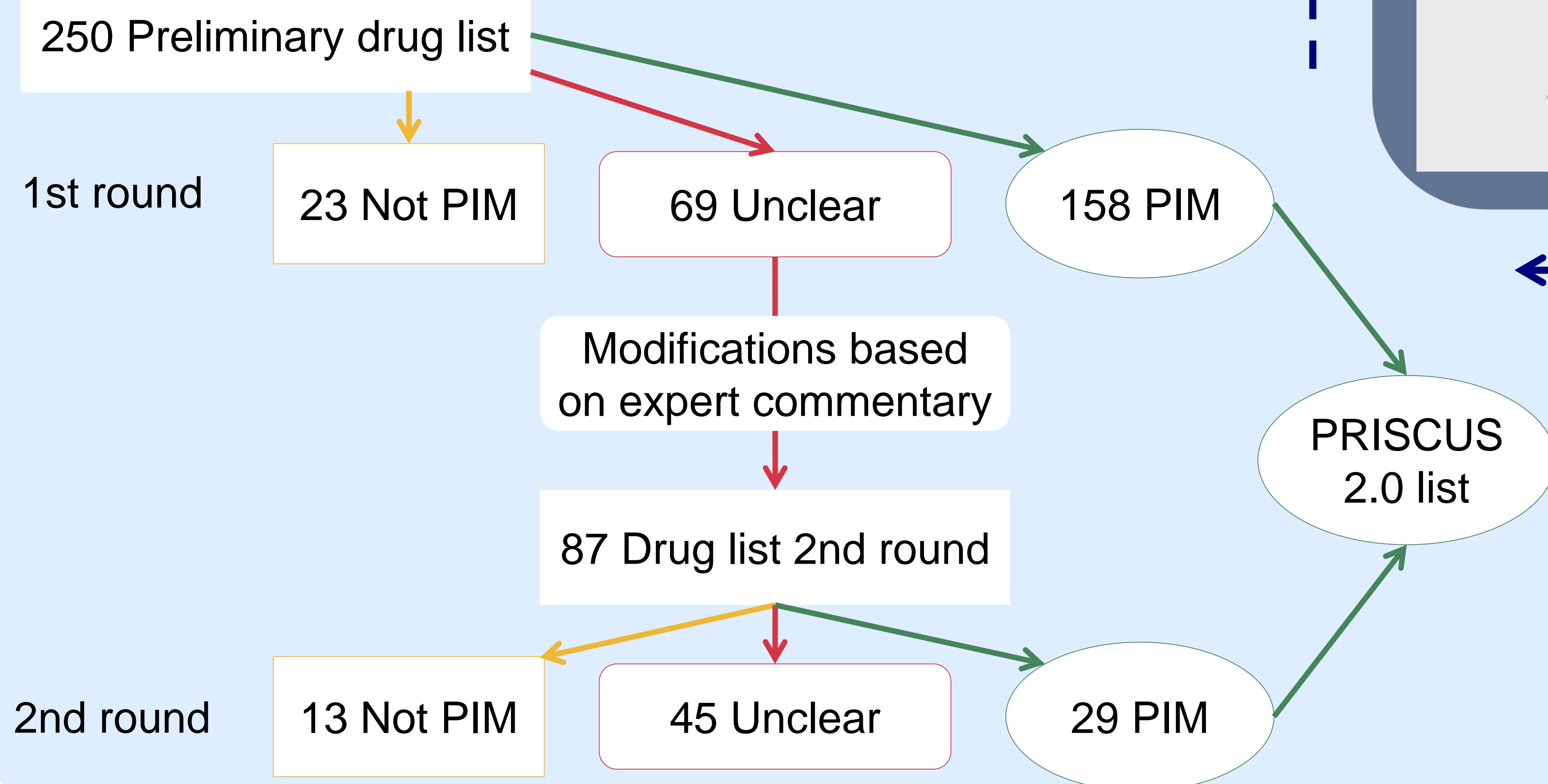
Review and if appropriate **incorporation** of collected comments

Publication of the updated PRISCUS list → **PRISCUS 2.0**

Future updates?



Survey results



Delphi survey

