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

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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 list1 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. reviews2, 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 comments4 on the results of the survey (website)

Review and if appropriate incorporation of collected comments

Publication of the updated PRISCUS list → PRISCUS 2.0

Survey results

250 Preliminary drug list

1st round

23 Not PIM

69 Unclear

158 PIM

Modifications based on expert commentary

87 Drug list 2nd round

PRISCUS 2.0 list

2nd round

13 Not PIM

45 Unclear

29 PIM

Delphi survey

Drug

A

B

C

Not PIM

Unclear

Experts

Not PIM

Unclear

Experts

PRISCUS 2.0 list

PIM

Future updates?

Not PIM

Not PIM

Step 1

Step 2

Step 3

References