PIM-CHECK: Development of the first electronic prescription-screening checklist to support healthcare professionals in the detection of potentially inappropriate medication

Why it was done
• 8.8% of medication orders contain ≥1 medication errors
• Potentially inappropriate medication (PIM)=
  - under-prescriptions
  - over-prescriptions
  - interactions
  - wrong choice of medication
  → Risk factor for medication errors

What was done
Development of the 1st Electronic prescription-screening checklist to detect PIM

What was achieved
• Since the launching in Feb 2016
  >100.000 connections,
  >66 countries
  >7.100 connections/month
• 1st assessments
• 109 patients: PIM-Check displayed >30% of DRPs
  >73% at moderate or high risk for patients

How it was done

![Diagram showing the development process of PIM-CHECK](image)

Functions

- Screening PIM according to comorbidities and treatments
- Favourite items
- Items list including formation function

Target users
- Clinicians
- Clinical pharmacists
- Students / Residents / Young healthcare professionals

Content

- 17 specialties
- 56 pathologies
- 160 items
- 333 references
- 29 useful links

www.pimcheck.org

What is next

Scientific projects
• Validation studies
• Updates

Technological plans
• App development (offline access)
• Electronic health records integration

Collaborations
• International hospital pharmacists
• Start-ups, business incubators, public-private partnerships

References