

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

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Why it was done

- 8.8% of medication orders contain ≥ 1 medication errors¹
- Potentially inappropriate medication (PIM)=
 - under-prescriptions
 - over-prescriptions
 - interactions
 - wrong choice of medication

➔ Risk factor for medication errors²

What was done

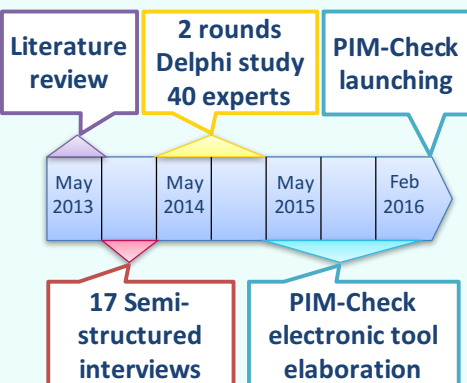
Development of the 1st Electronic prescription-screening checklist to detect PIM

What was achieved

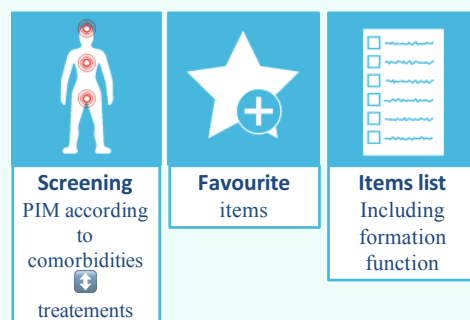
- Since the launching in Feb 2016
 - >100.000 connections,
 - >66 countries
 - >7.100 connections/month
- 1st assessments
 - 109 patients : PIM-Check displayed > 30 % of DRPs
- >73% at moderate or high risk for patients³



How it was done



Functions



Target users

- Cliniciens
- Clinical pharmacists
- Students / Residents / Young healthcare professionals

Content

- 17 specialities
- 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 1.Ashcroft DM, et al. Drug Saf. 2015 // 2. Naples J. J Am Geriatr Soc. 2016 // 3. Blanc AL. PIM-CHECK used by physicians to reduce drug related problems in internal medicine. 22nd EAHP Congress. Poster CP-029