

# 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 errors<sup>1</sup>**
- **Potentially inappropriate medication (PIM)=**
  - under-prescriptions
  - over-prescriptions
  - interactions
  - wrong choice of medication

➔ Risk factor for medication errors<sup>2</sup>

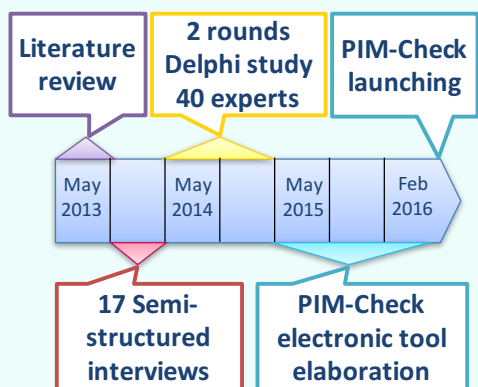
## What was done

Development of the **1<sup>st</sup> Electronic prescription-screening checklist to detect PIM**

## What was achieved

- **Since the launching in Feb 2016**
  - >95.000 connections,
  - >66 countries
  - >7.100 connections/month
- **1<sup>st</sup> assessments**
  - 109 patients : PIM-Check displayed > 30 % of DRPs
- **>73% at moderate or high risk for patients<sup>3</sup>**

## How it was done



## Functions

- Screening PIM according to comorbidities treatments**
- Favourite items**
- Items list Including formation function**

## Content

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

## Target users

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

[www.pimcheck.org](http://www.pimcheck.org)

## What is next

- Scientific perspectives**
  - Validation studies
  - Update
- Technological perspectives**
  - App development (offline access)
  - Electronic health records integration
- Collaborative perspectives**
  - International hospital
  - Start-up, business incubator, public-private partnership

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