



## Meet the needs of elderly at primary care: Experience from Belgium

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## Needs of elderly at primary care

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- ▶ **Potentially Inappropriate Prescribing (PIP):**
  - ▶ Highly prevalent among elderly
  - ▶ Major risk factors for Adverse Drug Reaction (ADR)
- ▶ Medicines are cause of preventable hospital admissions:
  - ▶ ± 5-20% of unplanned hospital admissions are drug-related & ± 50% is preventable
- ▶ Medication review could improve health outcomes
  - ▶ **Community pharmacist** has the **expertise**, **focus** and **opportunity** to do this

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### **Pharmacist-led medication review in community settings: An overview of systematic reviews.**

Jokanovic N<sup>1</sup>, Tan EC<sup>2</sup>, Sudhakaran S<sup>2</sup>, Kirkpatrick CM<sup>2</sup>, Dooley MJ<sup>3</sup>, Ryan-Atwood TE<sup>2</sup>, Bell JS<sup>4</sup>.

**CONCLUSION:** Moderate and high quality systematic reviews support the value of pharmacist-led medication review for a range of clinical outcomes. Further research including more rigorous cost analyses are required to determine the impact of pharmacist-led medication reviews on humanistic and economic outcomes. Future systematic reviews should consider the inclusion of both qualitative and quantitative studies to comprehensively evaluate medication review.

## Periodic screening for PIP ?

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- ▶ In (Belgian) practice, several barriers for implementation of periodic screening for PIP by community pharmacist:
  - ▶ Lack of interprofessional collaboration → Setting up a cooperation model
  - ▶ Education / training of pharmacists → Capacity building
  - ▶ → Tools adapted to community pharmacy practice (GheOP<sup>3</sup>S-tool)
  - ▶ Time ? → Financial model of community pharmacy
  - ▶ Budget ?
  - ▶ Perception of the pharmacist's role by patients / physicians / government / pharmacists