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

Prof. Thierry VAN HEES
Clinical Pharmacy Unit – Faculty of Medicine – University of Liège – Belgium

Hanoi University of Pharmacy – 13th & 14th November 2017
Needs of elderly at primary care

- 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

---

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

Jokanovic N¹, Tan EC², Sudhakaran S², Kirkpatrick CM², Dooley MJ³, Ryan-Alwood TE², Bell JS⁴.

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?

- 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 (GheOP³S-tool)
  - Time ?
  - Budget ?
  - Perception of the pharmacist’s role by patients / physicians / government / pharmacists
    - Financial model of community pharmacy