

# PCNE 2013 Working Conference

## **Workshop 1**

### **Medication Review**

#### Update lecture

Berlin, 6-8 February 2013  
Chairs: Saija Leikola, Finland  
Foppe van Mil, The Netherlands



# PCNE

- An European association to promote and support research and implementation of pharmaceutical care with
  - Medication review topic since 2009. Organised by SIG Medication review
    - 2010 - Geneva
    - 2011 - Manchester
    - 2011 - Dublin
    - 2012 - Leuven



# History PCNE Medication Review

- First meeting in Geneva, 2009: defining types of reviews
- Second *unofficial* meeting Manchester 2011: introduction topic patient selection and presentation automated medication review in Europe & first definition
- Second official meeting Dublin 2011: rephrasing definition, and looking at methodologies
- Official symposium 2013 on patient selection, methodologies and collecting necessary data



# Presentations on the web

- <http://www.pcne.org/sig/MedRev/medication-review.php>
- Presentations from/about:
  - PCNE-model and
    - Australia
    - Belgium
    - Croatia
    - England/UK
    - Finland
    - Germany
    - Ireland
    - N.Ireland (Stopp-Start)
    - Netherlands
    - Scotland
    - Spain
    - Sweden (about Europe)



# Types of Medication Review (PCNE)

## „simple“ Medication Review (Type I)

→ based on the medication history in the pharmacy



## „intermediate“ Medication Review (Type II)

→ Based on medication history +patient interview

- MUR, Polymedikations-Check
- „Brown Bag“-Methode



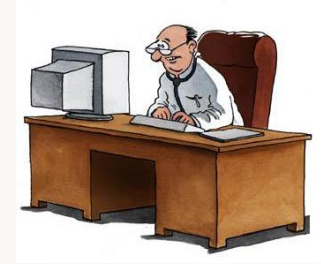
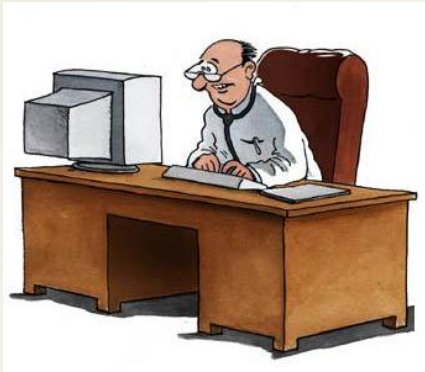
## „advanced“ Medication Review (Type 3)

→ medication history +patient interview +clinical data

- Clinical Medication Review



# Types of Medication Review Type II - **Split**



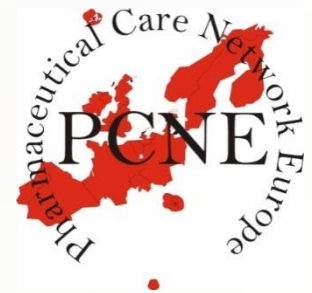
2a: Based on medication history + patient interview

- MUR, Polymedikations-Check
- „Brown Bag“-Methode

OR

2b: Based on medication history + clinical data

- In hospital pharmacies
- In Dutch community pharmacies



# Generic definition

Medication review is an evaluation of a patient's drugs, optimizing the outcome of drug therapy and minimizing the number of drug related problems.

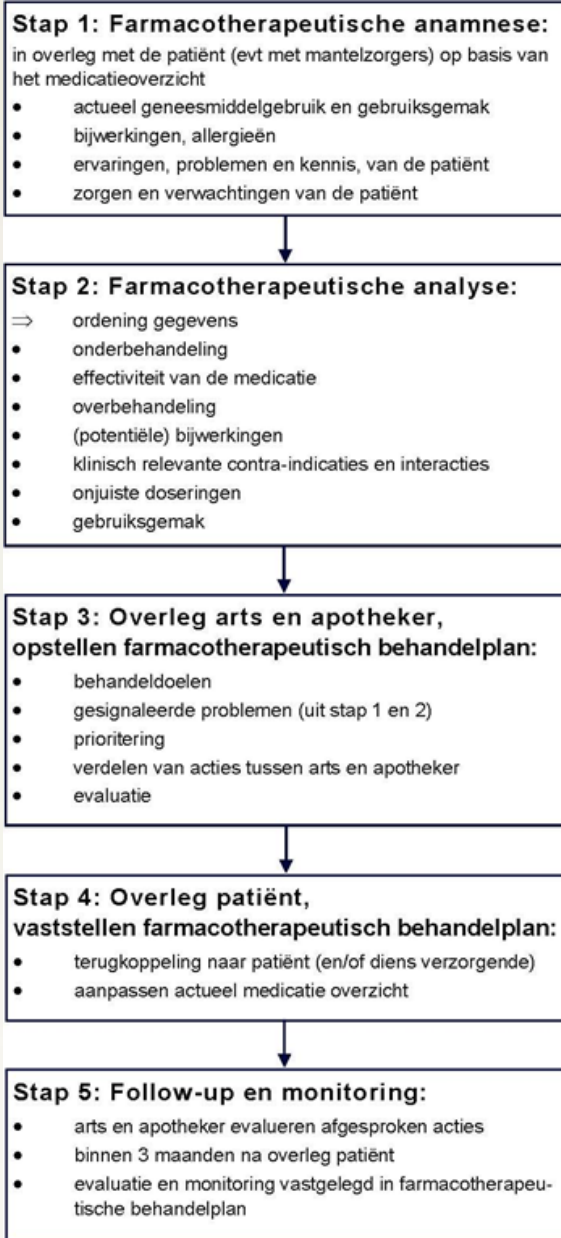


# PCNE Working Definition (Dublin 2011)

- Medication review is an evaluation of a patient's medicines with the aim of optimizing the outcomes of medicine therapy. This entails **identifying** the risks, detecting medication-related problems **and suggesting solutions**. Medication review should be part of the management of medication therapy.







- Te verzamelen gegevens voor stap 1 en 2:**
- voorgeschiedenis/episodelijst/probleemlijst
  - metingen (bloeddruk, pols, gewicht)
  - lab (nierfunctie, leverfunctie, evt. HbA1c, lipiden-spectrum, etc)
  - medicatieoverzicht

Vervolgbeoordeling: minimaal 1 x per jaar

## Dutch Guideline - March 2012

### Step 1: Pharmacotherapeutic anamnesis

Medication overview (pharmacy data)

Patient information

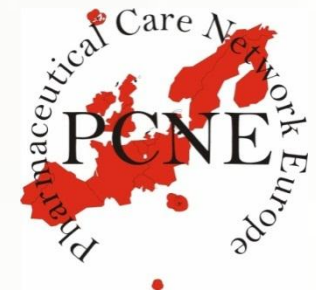
Medical information incl. lab data

### Step 2: Pharmacotherapeutic analysis

### Step 3: Discussion reviewer-prescriber about treatment plan (GP and pharmacist)

### Step 4: Discussion with patient: establish treatment plan

### Step 5: Follow up and Monitoring



# Flow medication review

- Patient selection
- Data collection (= anamnesis)
- The actual review (=analysis)
- Listing the problems & solutions
- Prioritising (= consultation)
- Implementing
- Evaluation



# Program WS1-Day 1

- Wednesday 6th February
  - Introduction of participants
  - Brief Discussion: Existing materials and the current definition. The setting of the medication review. Do we focus on (community) pharmacy, or hospital or both.
  - Discussion: Optimal models, or the best achievable models? And a general standard for all levels or three related standards for all 3 levels according to the PCNE definitions?



# Program WS1-Day 2

- Thursday 7th February
  - Introduction methodologies
  - Discussion: Preference Implicit-Explicit or by local standards and Formularies. (3 smaller Working groups for 3 levels)
  - Selected poster viewings + Brief presentations from 3 participants; what they do
  - Discussion: Formatting the results of the review, Formulating recommendations/ prioritising.
  - Discussion: Skills, Knowledge, Documentation tools, Remuneration



# Program WS1-Day 3

- Friday 8 th February
  - Introduction selection criteria
  - Brief Discussion: Risk factors for DRPs, patient selection
  - Wrap up selection
  - Discussion: Skills and knowledge, accreditation and remuneration (what is and what should be....)
  - Wrap-up Skills and knowledge
  - Preparing report & next steps



# Introduction of the participants

- Name
- Institute
- Experience in Medication Review Research
- Experience in Medication Review Practice  
(hands on.....)

