

# HOW TO PERFORM A MEDICATION REVIEW

## PCNE WORKING SYMPOSIUM ON MEDICATION REVIEW 2012 WORKSHOP 3

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# Aim of the workshop

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- Develop a standard (flowchart) for the process of medication review that is internationally applicable
- Aspects that could be discussed:
  - ▣ What are international differences?
  - ▣ Do we need instruments for the detection of DRP?
    - Can we develop a list of DRP that has to be checked depending on the MR type (hierarchy)?
  - ▣ What is the role of dispensing (prescribing) software?

# PCNE types of medication review (MR)

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## Simple MR

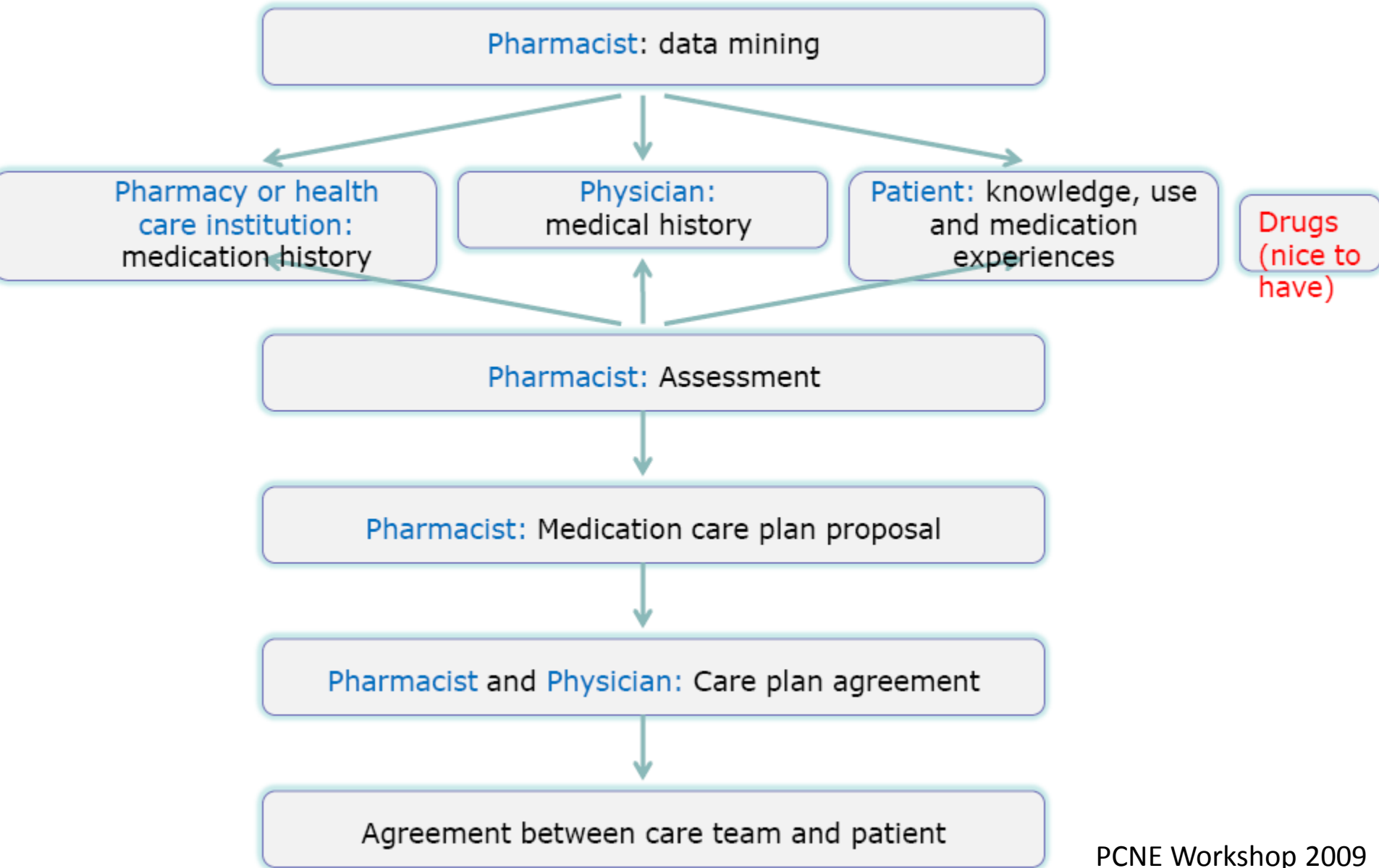
- A simple medication review is based on the available medication history in the pharmacy.

## Intermediate MR

- An intermediate medication review can be performed when the patient can be approached for information. Such a review is based on medication history and patient information.

## Advanced MR

- An advanced medication review is based on medication history, patient information and clinical information.



# Simple MR

- Ask for patient consent
- Data collection
  - Pharmacy database (dispensing records)
- Data analysis – detect DRP's
  - Severe interactions
  - Very high / very low doses
  - Double medication
- Making recommendations
  - Call the physician
  - Organize consultation with the patient; give info on paper

Can evolve to intermediate MR, limited to the problems you found



# Simple medication review

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Screening

Patient consent

Data mining

Pharmacists:  
assessment



Medication  
history

Boxes of drugs,  
supplements

Questions for the physician / recommendations for physicians (if needed)

Pharmacist and physician: agreement

# Intermediate MR

- Gain trust of the patient / ask for patient consent
  - Inform GP in order not to bypass him/her 
  - Data collection
    - Medication plan – directly or not (from patient, GP, nurse, pharmacy database,...)
    - Patient interview: other medication, use of drugs, problems,...
  - Data analysis
  - Make recommendations
    - For patients 
    - For GP's
- Can be done in general

# Intermediate medication review

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Screening

Informing physicians about the service

Patient consent

Data mining

Patient interview (Rx,  
OTC, supplemets

Medication  
history

Boxes of drugs,  
supplements

Pharmacists:  
assessment

Pharmacist's recommendations for physicians (if needed)

Pharmacist and physician: agreement

Care team: agreement on  
recommendations



# Advanced MR

- Screening
- Initial interview:
  - Informed consent, phone numbers, explain process, outcomes,...
- Data collection
- Pre-medication review
- Second appointment: discuss the plan, check information from self-assessment
- Second evaluation
- Contact GP
- Patient appointment with GP
- Follow-up: after 2 weeks / after 6 months

# Advanced medication review

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Screening

Patient consent including first data collection

Data mining plus first risk check

Medication  
history

Medical history

Patient interview (Rx,  
OTC, supplemets

Boxes of drugs,  
supplements

Pharmacists: assessment

Pharmacist: Medication care plan proposal

Pharmacist and physician: agreement on medication care plan

Care team: agreement on recommendations