

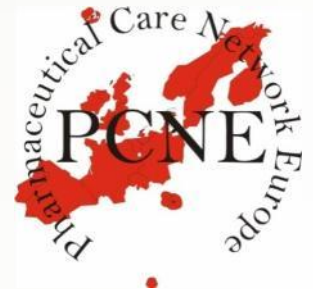
PCNE 2013 Working Conference

Workshop 1

Medication Review

Brief report

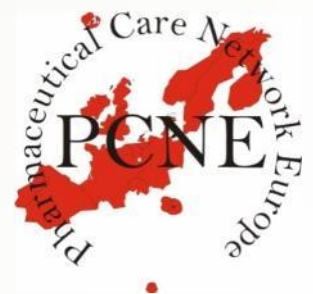
Berlin, 6-8 February 2013
Chairs: Saija Leikola, Helsinki
Foppe van Mil, The Netherlands





Participants

- Jacqueline Hugtenburg
- Isabelle Anguish
- Manfred Krüger
- Stephanie Vollenweiler
- Vivien Ngo
- Karin Berger
- Monica Condinho
- Kathrin Schmid
- Kirsten Viktil
- Karen Maes
- Markus Messerli
- Steffi Cornwell
- Ben Basger
- Wioletta Polak
- Carole Kaufmann
- Jiri Vlcek
- Saija Leikola
- Foppe van Mil



What we did....

- Day 1: Focus on the 4 PCNE types of medication review and DRPs detection
- Day 2: Focus on workflow, tasks and methodologies for the different types
- Day 3: Patient selection issues / competencies

But it will all be on the web



Types of Medication Review (PCNE)

„simple“ Medication Review (Type I)

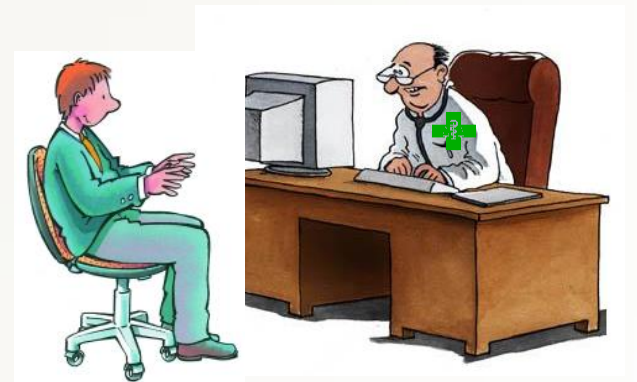
→ based on the medication history in the pharmacy



„intermediate“ Medication Review (Type II)

→ Based on medication history +patient interview

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



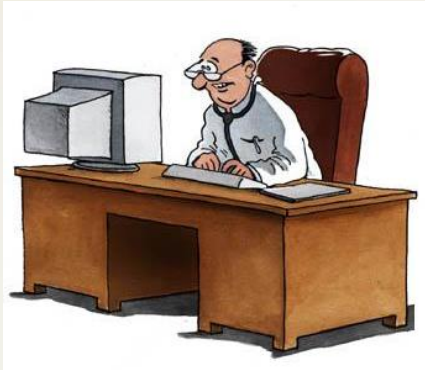
„advanced“ Medication Review (Type 3)

→ 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-Chec
- „Brown Bag“-Methode

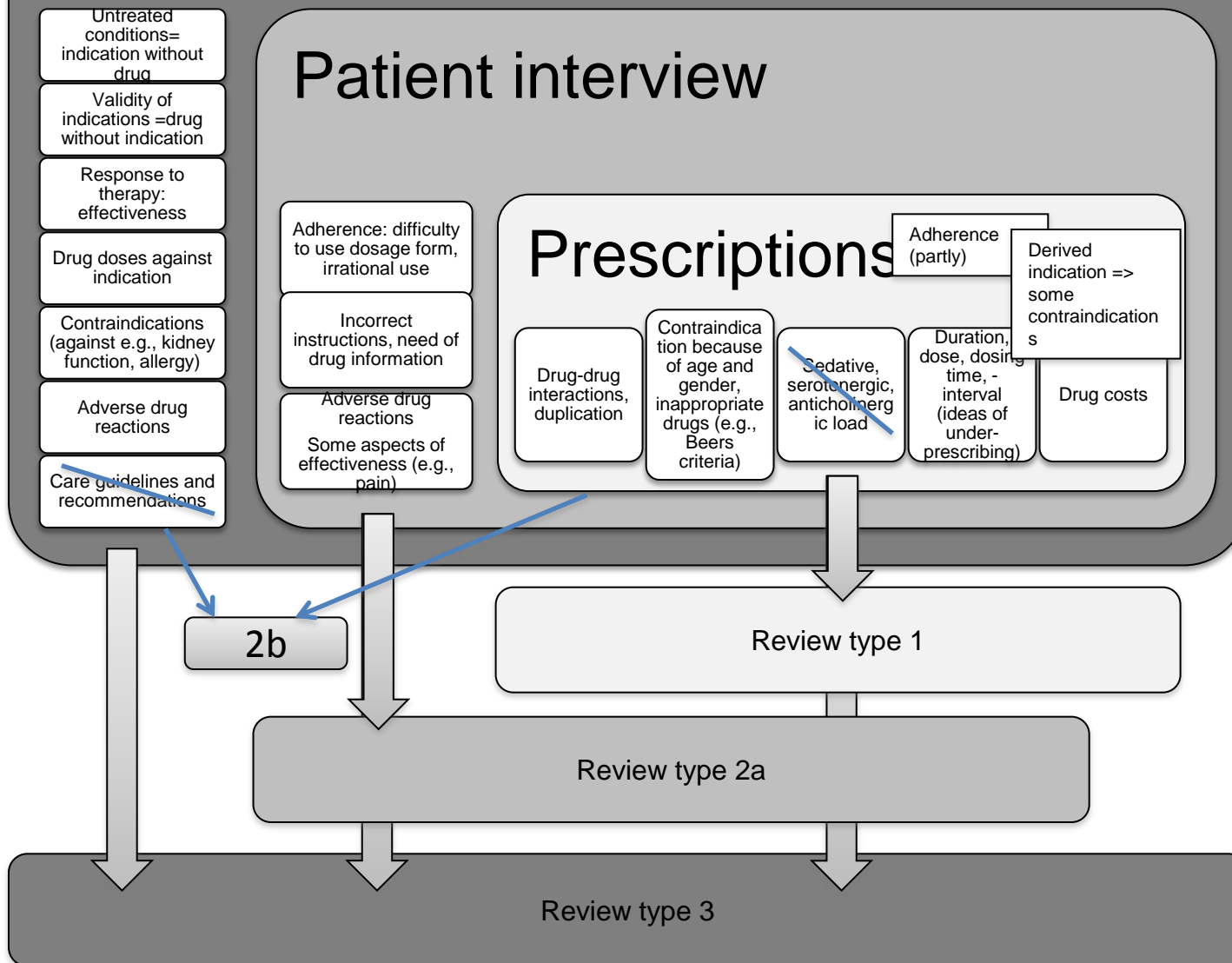
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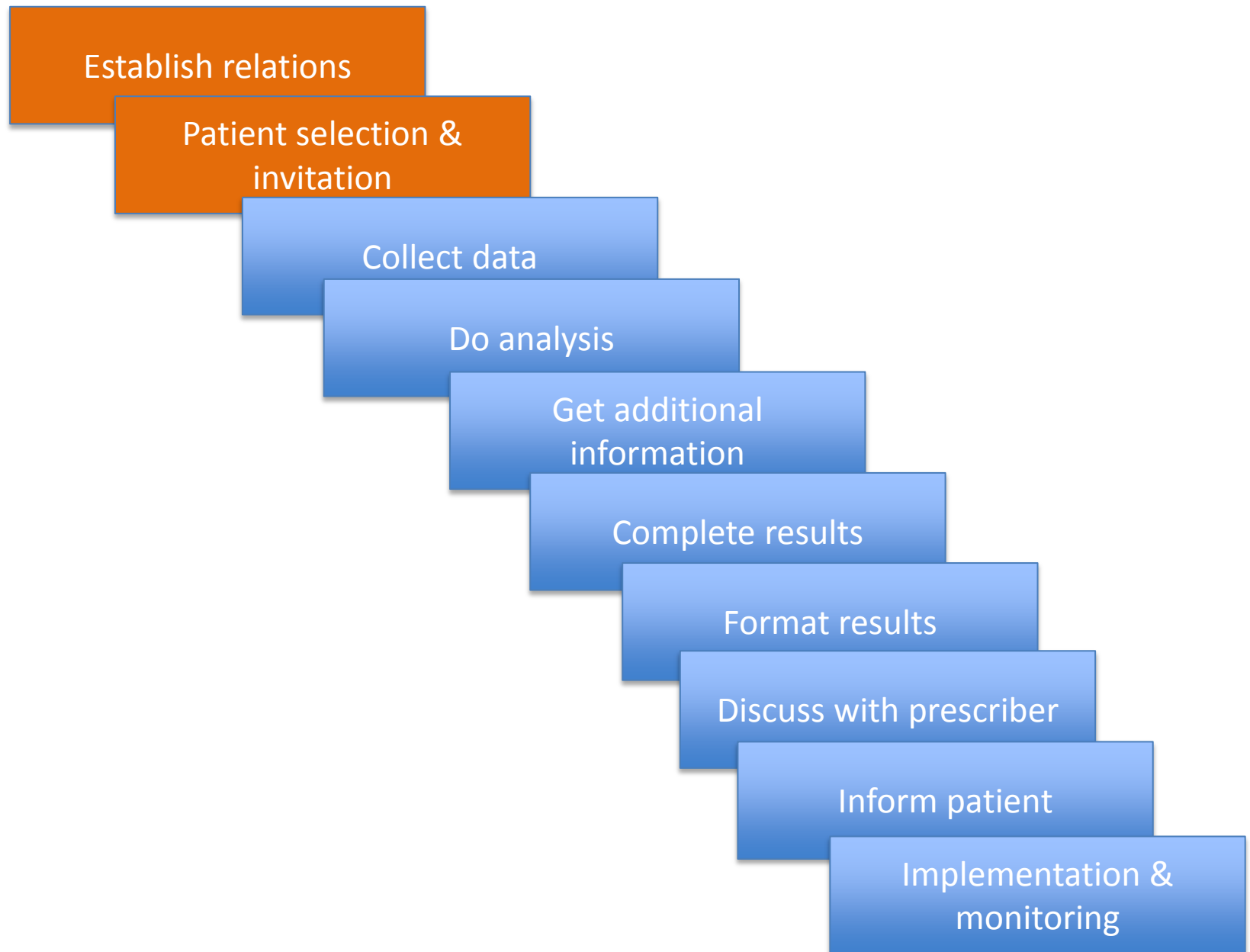
2b: Based on medication history + clinical data

- In hospital pharmacies
- In Dutch community pharmacies



Clinical patient data





Flowchart for 4 PCNE types of Medication Review

	Type 1	Type 2A	Type 2B	Type 3
Establish relations & inform				
Patient	N.A.	Inform	N.A. ???	Inform
GP	Inform	Inform + agreement	Inform + contract	Inform + contract
Other health care professionals, carers	?	?	Inform + agree	Inform+ agree
Authorities/Society	X	X	X	X
Patient selection & invitation				
Selection	Pharmacist/institution	Patient/pharmacist	Physician/pharmacist	Physician and pharmacist
Invitation	N.A.	Letter-Telephone (verbal/written)	N.A.	Letter-Telephone (verbal/written)
Data collection				
Pharmacy record	X	X	X	X
Medical records + lab data			X	X
Patient		X		X
The review				
DDI, duplication	X	X	X	X
Explicit criteria	X	X	X	X
Implicit criteria, therapeutic guidelines and standards (START, Amsterdam tool etc.)		Partly	X	X
Dose check	Incomplete	Incomplete	X	X
Match indication with drug	(Derived indication partly)	Incomplete	X	X
Contraindication	Age, gender		X	X
Adherence	(Repeats)	X	(Repeats)	X
Seek additional info				
Patient		X		X
Physician, other professionals			X	X
Complete & format results				
	List, prioritization, score warnings	Structured table with issues + solutions	Prioritization, working sheet for pharmacists	Structured letter with list of medications, doses and indications + findings, evidence and recommendations
Discussing results				
Discuss with prescriber	Inform only	If needed/wanted by GP	Report, way based on urgency/other preferences: Team meeting/face-to-face, e-mail, phone, patient record	
Discuss with patient	N.A.	Phone call, referral to GP if needed, counselling if changes Written medication plan	Inform: Face-to-face/ phone call/e-mail, can be done by nurse/caregiver/prescriber	Explain report, appointment if possible/needed
Discuss with nurse, care givers etc.		N.A.	Inform: Face-to-face, phone call, e-mail	
Etc.				
				Follow-up review after XXXX days

SKILLS

Pharmacotherapeutic skills	==> <i>(increasingly necessary for higher type review)</i>
Clinical skills	==>
Marketing skills	
Organisational skills	Structural working Planning Analysing
Cognitive skills	
Personal skills	Responsibility Patience Decision making Pragmatism
Social competencies skills	Empathic skills Communication skills Teamwork ==>
Learning skills	Retrieving + digesting information
Counselling skills	

Thank you
to the participants