

→ Polymedication Check - a new reimbursed service for Swiss community pharmacies (Introduced Sept. 2010)

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Prescription validation in Switzerland (Rezeptvalidierung)

„Delivery-Check“

(Bezugs-Check):

Each prescription: sFr. 3.25

- Medication history
- Check accumulation / SM
- Check interactions

2 Perspectives

- **Pharmaceutical Care**
- **Technical control**
(with respect to direct charging the assurance)

„Drug-Check“ (Medikamenten-Check):

Each dispensed item: sFr. 4.30

- Prescription check
- Ev. possibility of repeated dispense
- Dosage / Limitations
- Interactions
- Risk factors / contraindications
- Contact with prescriber
- Check for misuse
- Patient counselling
- Choice of optimised package size
- Need for immediate provision
- Modifications

Special Cases:

Single repetition
Repetition over time

Provision in
advance

Provision without
prescription

Polymedication Check (45 tax points = ca. €30.-)

Limitations:

- Only for patients on ≥ 4 prescribed drugs over ≥ 3 months
- Only if patient agrees, but independently from prescriber

Elements of new service

- Instruction of the patient on use of ALL drugs he uses
- Together with the patient a written protocol has to be filled which documents for each drug
 - dosing regimen and important recommendations
 - check for motivation, experiences and difficulties of the patient
 - counselling on potential side effects and drug interactions
 - discussion of compliance goals and documentation of agreed objectives
- This protocol has to be signed by the patient who receives a copy
- **If patient agrees the pharmacy can dispense the drugs in a Dosette or weekly blister pack for a maximum period of 3 months (continued service needs to be prescribed) (20 TP per week = ca. €13.-)**
- Repetition of Polymedication check at the earliest after 6 months = max. 2x / year
- This service has to be performed exclusively by a pharmacist

Concept Polymedication Check

All drugs (Focus on RX, but self-medication if considered important)

Check

A. Clarification of need for counselling on drug use

(Unclear within treatment plan, duplication, problems with drug „handling“)

1. Patient knows how (Wissen, wie)
2. Patient knows why (Wissen, weshalb)

B. „Compliance question“ ?

3. Do you ever forget to take this medicine?

C. Need for Dosette/weekly blister pack?

D. Need for intensified compliance counselling / support?

E. Need for advanced medication review ? (clinical review)

Act & Plan

I. Instruction / Motivation to perform treatment plan

K. Follow-up (e.g. next PM-Check)

L. Ev. filling a Dosette

M. Ev. clarification treatment plan with prescriber

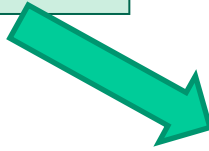
Check is based on „open“ questions addressing current drug treatment.

➤ Check should deliver clear answers to items A-E

➤ Check should end up in defined actions (I & K), and optionally L & M

Levels of Pharmaceutical Care

PM-Check \approx MUR



Level 2

TELEPHONE INTERVIEW

Structured counselling with respect to prior POS-intervention; some days later

Level 1

AD HOC
unstructured
opportunistic
POS-Intervention
Counselling at
the point of sale

Level 3

MONITORING

Prearranged
counselling
session with
medication
review and ev.
clinical
assessment

Level 4

HOME VISIT

Comprehensive
assessment of
patient self-
management



www.thelancet.com Vol 370 29,9.07

Name	Vorname	Pat.-Nr.
Str.	Ort	Tel.

Der Patient/die Patientin nimmt zurzeit täglich 4 oder mehr Medikamente auf ärztliche Verordnung und über längere Zeit (mind. 3 Monate) ein ☐

Der Patient/die Patientin ist einverstanden, dass der Apotheker/die Apothekerin einen Polymedikations-Check macht ☐

Geburtsdatum ____ / ____ / ____ Geschlecht ☐ männlich ☐ weiblich

1. Check Zeit Beginn: ____ . ____ Uhr

	Aktuelle Medikamente (dieser Check basiert auf Informationen vom Patienten und/oder aus der Dokumentation der Apotheke) <input type="checkbox"/> Fortsetzung auf Blatt 2	Abklärung Bedarf für Beratung zur Anwendung dieses Medikamentes		Vergessen Sie manchmal dieses Medikament zu nehmen?	Kommentare & weitere Angaben (bei Bedarf Fortsetzung auf Rückseite)
		Wissen, wie	Wissen, weshalb		
1	Name/ Stärke / Galenische Form neu ? <input type="checkbox"/>			Ja <input type="checkbox"/> Nein <input type="checkbox"/>	
		Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	
2	Name/ Stärke / Galenische Form neu ? <input type="checkbox"/>			Ja <input type="checkbox"/> Nein <input type="checkbox"/>	
		Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	
3	Name/ Stärke / Galenische Form neu ? <input type="checkbox"/>			Ja <input type="checkbox"/> Nein <input type="checkbox"/>	
		Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	Beratung ? <input type="checkbox"/>	
4	Name/ Stärke / Galenische Form neu ? <input type="checkbox"/>			Ja <input type="checkbox"/> Nein <input type="checkbox"/>	

Selbstmedikation Ja ☐ Nein ☐ Auflistung mit Dosierung

☐ Kommentare / Fortsetzung auf Rückseite

2. Beratung

☐ Beratung zur Handhabung

3. Empfehlungen

Patient/in ist
einverstanden

Kommentare:

☐ Wochen-Dosiersystem durch den Apotheker Ja ☐ Nein ☐

☐ Bedarf intensivierte Compliance-Unterstützung Ja ☐ Nein ☐

☐ Bedarf Wiederholung Check in Monaten Ja ☐ Nein ☐

☐ Weiterleitung an Arzt/andere Fachperson Ja ☐ Nein ☐

NAME

Tel

☐ Bedarf vertiefte Analyse (z.B. Wechselwirkungen, Nebenwirkungen, Duplikationen)

☐

☐

☐

Datum: ____ / ____ / 2009 Zeit Ende: ____ . ____ Uhr

Stempel Apotheke /Unterschrift Apotheker/in:

Master Thesis:

„Evaluation Polymedikations-Check“

Evaluation of a New Service in Community Pharmacies in Switzerland Six Months After Implementation

Pharmaceutical Care Research Group, University of Basel
www.pharmacare.unibas.ch



Questionnaire for community pharmacies [n = 280] – one for motivated pharmacists, one for the sceptic ones

Returned (after 3 weeks) 129 questioners (46%)

Motivated: 96 (74.4%)

Sceptic: 33 (25.6%)

Of 129 answering pharmacies 44 (34.1%) already have performed ≥ 1 PMC
(PMC total out of 44 pharmacies: 140 ($\cong 3.2$ PMC / pharmacy))



Further activity:

- Focus group with pharmacists
- Telephone interview with patients, 3 weeks after PMC
- Re-design of protocol
- for research: definition of items of interest,
- for practice: Ev. simplification
- National Research project

