

PolyMedication-Check

Assessing the impact of community pharmacy based medication review

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Polymedication-Check [PMC]

Aim	Improvement of patient's adherence
Method	Structured interview with pharmacist and patient discussing daily medicines use
Population	Patients with ≥ 4 prescribed drugs for ≥ 3 months
Classification	Intermediate medication review ¹

¹ PCNE Guidelines for Retrospective Medication Review in Pharmacy V0, Dublin 2011

Rational what about the patient and his management of the daily medicines use?



Simplifications in therapy plans and improvement of knowledge provided by pharmacists are highly appreciated.

-1- study questions and outcomes



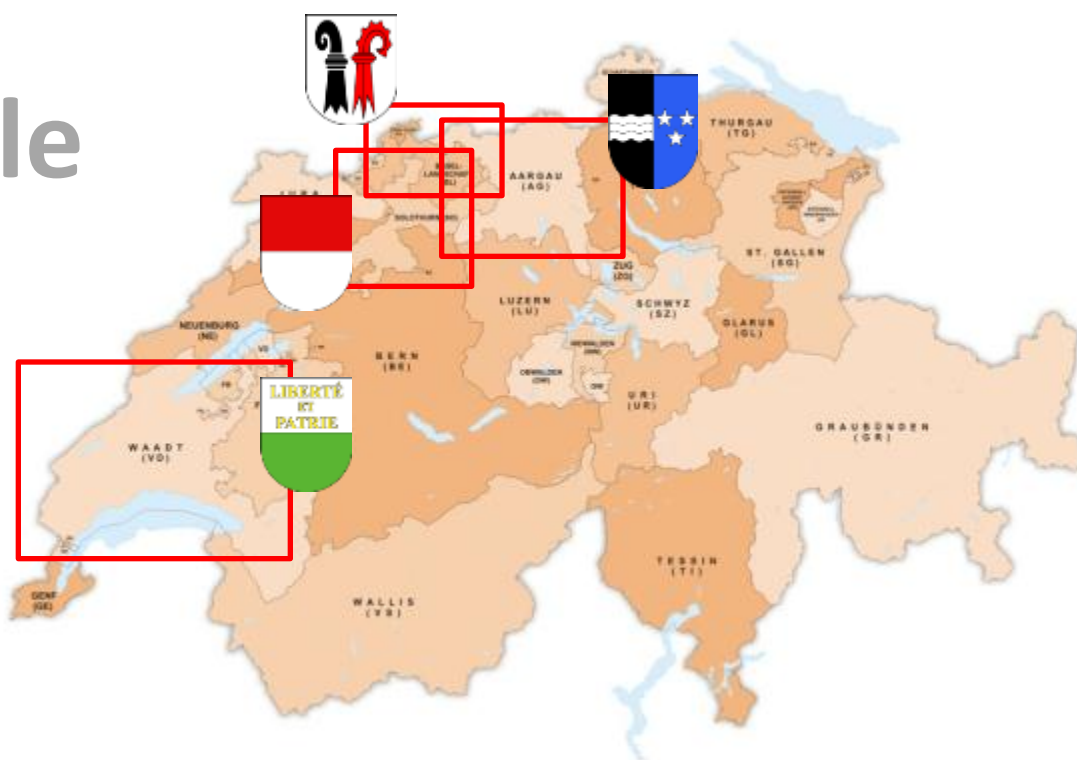
Primary Outcome

Improvement of adherence after PMC

Secondary Outcomes

- Patients knowledge and medicines management
- Time until (un-)planned consulting a physician
- Detected and solved drug related problems
- Counselling issues

-2- study sample



In: Age >18 years, language in words and handwriting
≥4 prescribed drugs for ≥3 months
Medication record data in pharmacy for ≥7 months
Signed informed consent

Out: Already received a PMC
Management of medication done by others

-3- resources / timetable

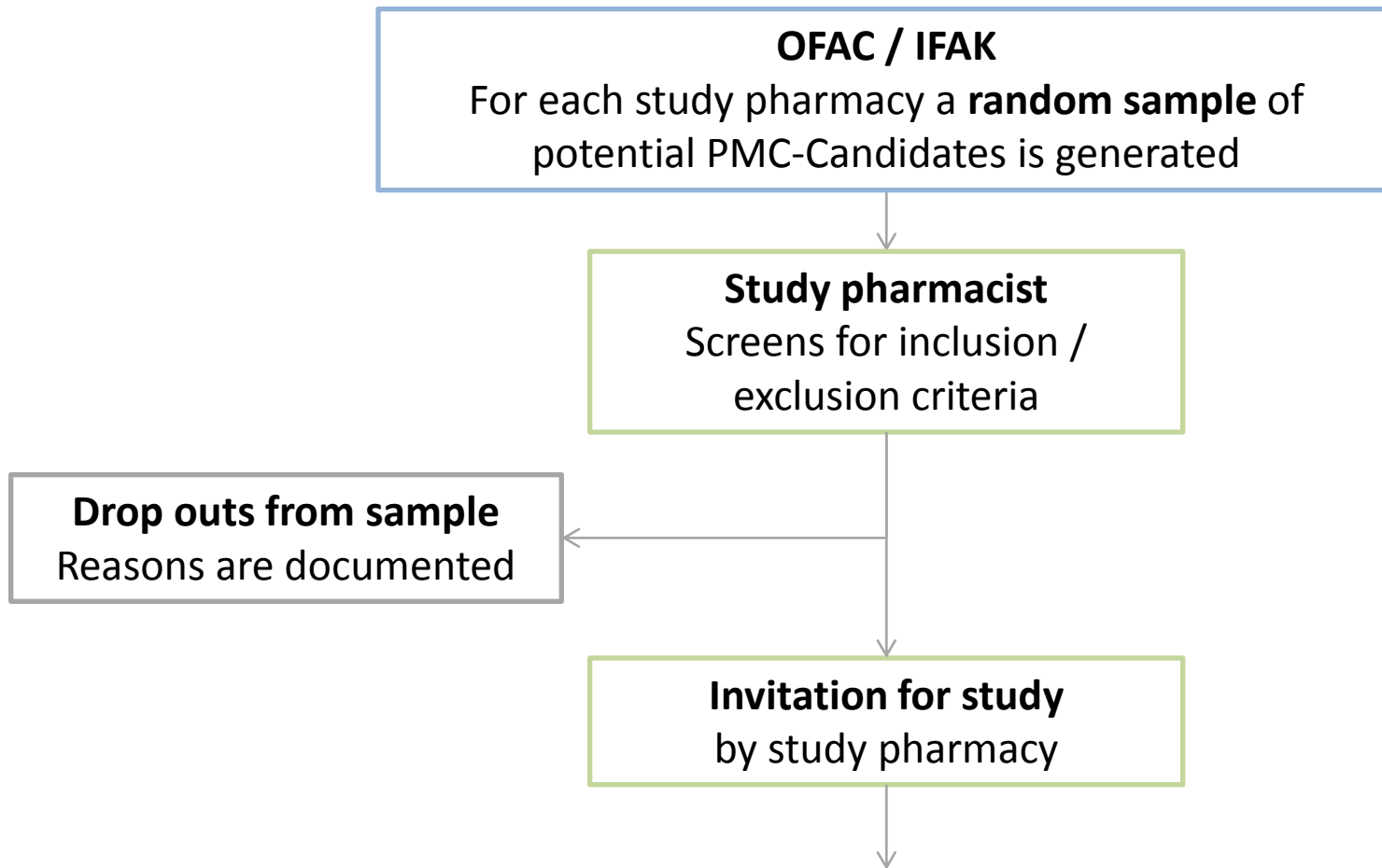
Lead Pharmaceutical Care Research Group, University of Basel, Switzerland

Collaboration Dr. Noortje Vriends, Department of Psychology, University of Basel, Switzerland

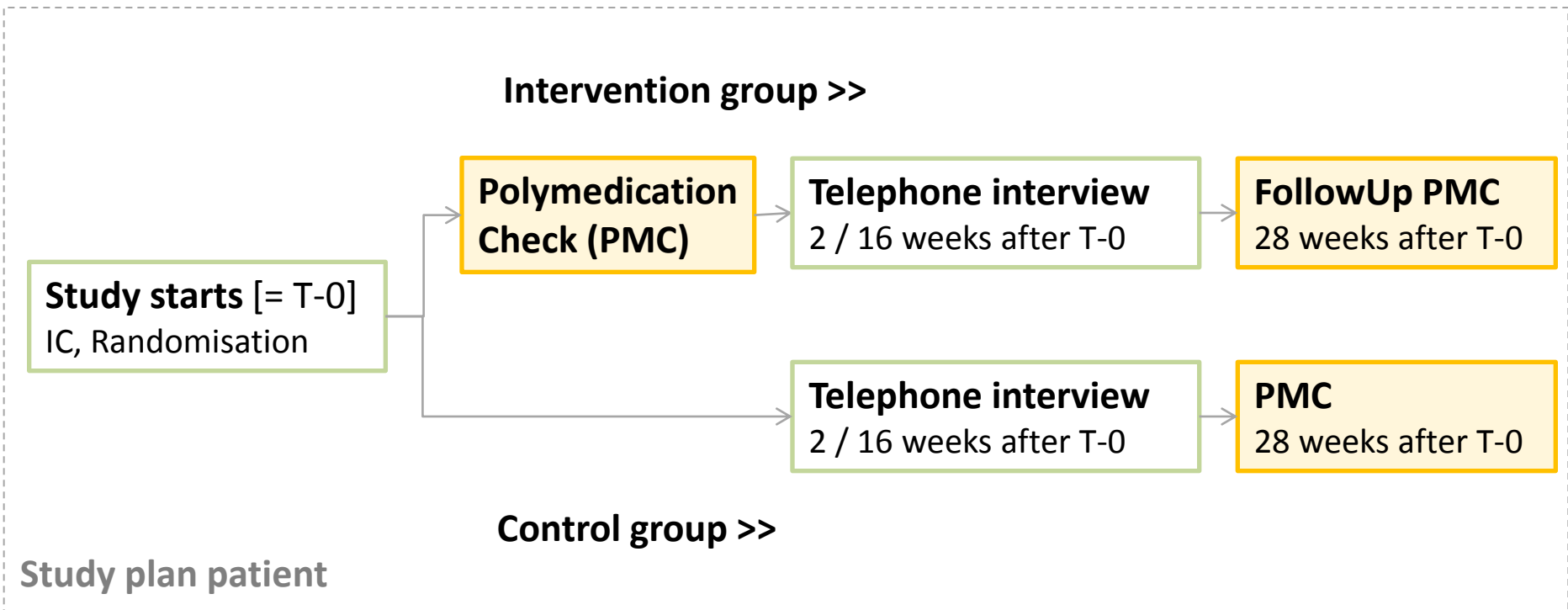
Prof. Olivier Bugnon & Dr. Saviana Di Giovanni, Policlinique Médicale Universitaire, University of Lausanne, Switzerland

Timetable May 2012 to June 2013

-4- patient selection and recruitment



-5- study design: rct



-6- outcome variables

	Patient's questionnaire	Telephone interview	Medication history	PMC protocol form	Pharmacist's comments
Adherence	x	x	x	x	x
Counselling issues, DRP		x		x	x
Patients knowledge		x		x	
Time until consulting a physician	x	x			

-7- Telephone interview

Provided by Faculty of Psychology, University of Basel

Master thesis Véronique Lottaz

Five sections with 56 questions (medication knowledge, adherence issues, counselling issues, beliefs / concerns, physician / pharmacy care)

Validated questionnaires & self-assessments (BMQ / Morisky / DASH)

Pilot proofed feasibility, duration: 28 (\pm 6) minutes

(R)Evolution Polymedication-Check...

Potential of the service has not yet been used to full capacity
discussing barriers and chances of new services, need for
adaption?

Skill trainings to address pharmaceutical care issues needed?
continuing training, coaching

Pharmacists = care providers: opportunities and threats?
defining new competences for an old profession

In short: **are we ready?**



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Thank you for your attention!

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