



WS2 – The future of Pharmaceutical Care and pharmacy related research in Europe

Mitja Kos, Kurt Hersberger

Navigating research on pharmaceutical care



The future of Pharmaceutical Care and pharmacy related outcomes research in Europe

Prof. Mitja Kos and Prof. Kurt Hersberger

PCNE Working Symposium, Lisbon 2022

Aims and objectives

The aim of the workshops is:

- ❑ To **reflect** current Pharmaceutical Care research and achievements in the development of pharmacy practice.
- ❑ To **prepare a research strategy** with the potential to achieve excellence in pharmacy practice.
and/or
- ❑ To **draft key research projects** that could be run nationally, in parallel or even have a potential for a joint, international research project.

Learning objectives:

- ❑ To understand and be able to argue the pharmaceutical care research priorities.
 - ❑ To be able to assess the project relevance and feasibility prior to its initiation.
-

What is your name?

0 2 2

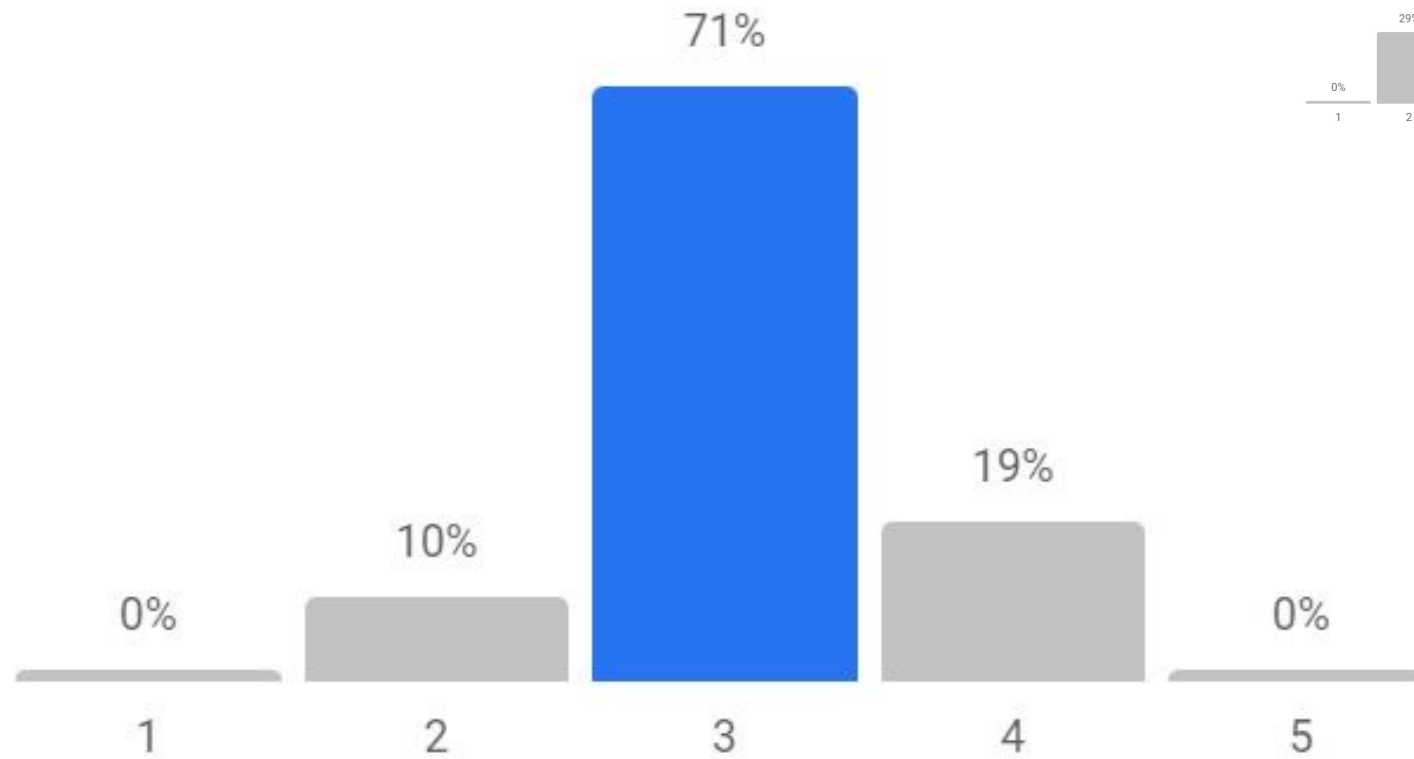
Caroline
Catarina Margarida Ingeborg Ana
Luísa Marta
Mariana Urška Malin Helena
Arzu Lea Robert Maja Camilla
Anna Kurt Ema Amber
Carole

Charlotte Verner Rossing
Dominik Markus
Beatriz Rik Ensing Ilyse
Kurt Susanne
Filipa Stephanie Kreshnik
Alaa Pascaö Chiara
Dorothee

How would you rate the success of PhC research until now?

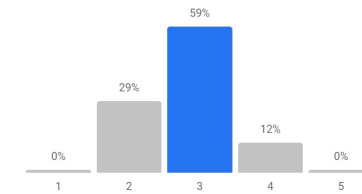
0 2 1

Score: 3.1



How would you rate the success of PhC research until now? 0 1 7

Score: 2.8



PCNE role

to support and enhance

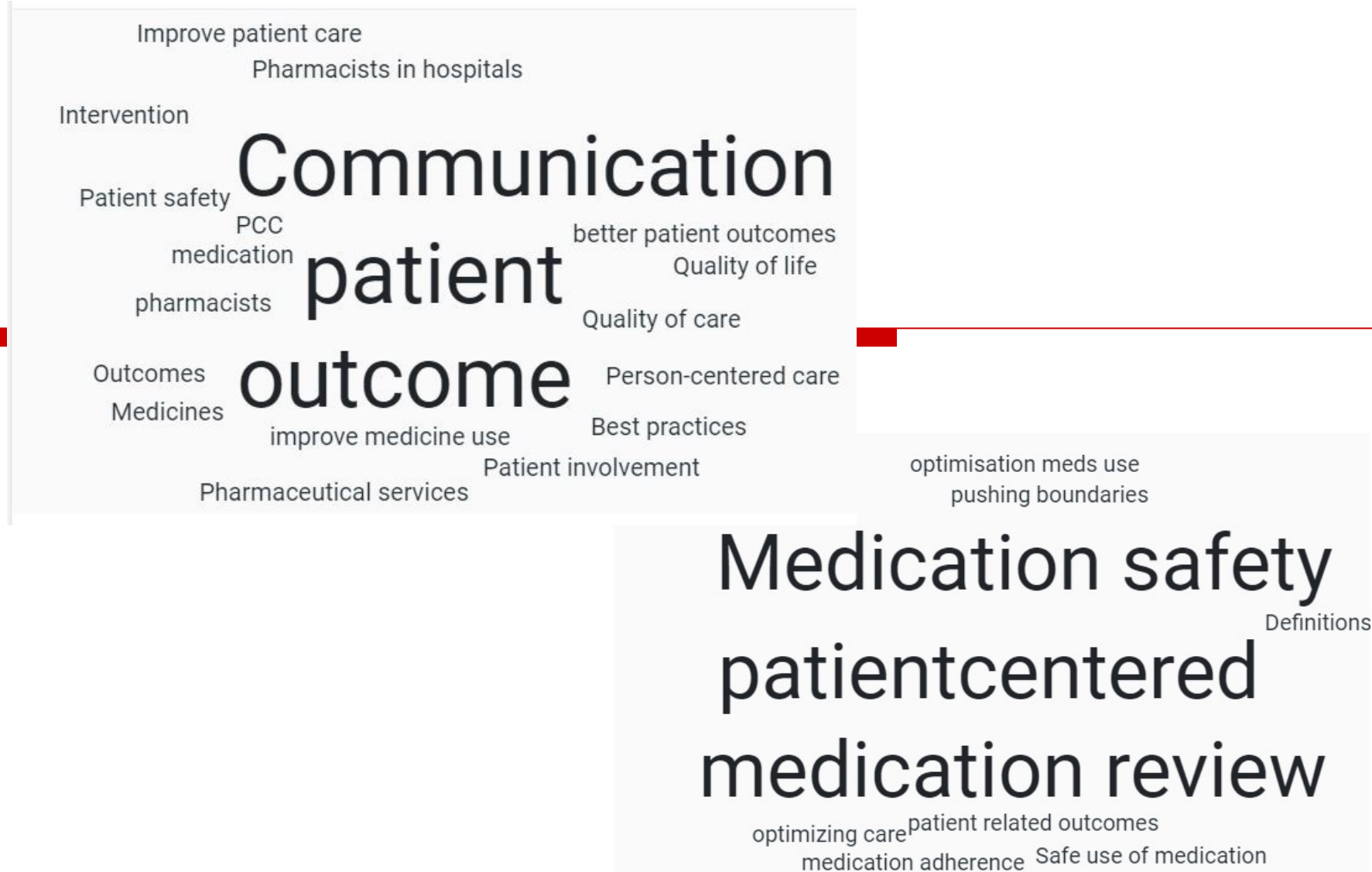
research in pharmaceutical care

in order to help to develop pharmacy practice so

that it improves

**patient outcomes and
contributes to quality of life.**

What is the **content** of PhC research?



Content of PhC research

PhC research could be related to

- the **use** of medicines in society,
- **effects** and **adverse effects** of medicines,
- patient **behaviour** in dealing with medicines,
- **interventions** to optimize medicines' use,
- understanding providers' **attitudes**,
- **barriers** and **facilitators** for collaboration in health care.

Task 1: Reflect PhC research

Homework:

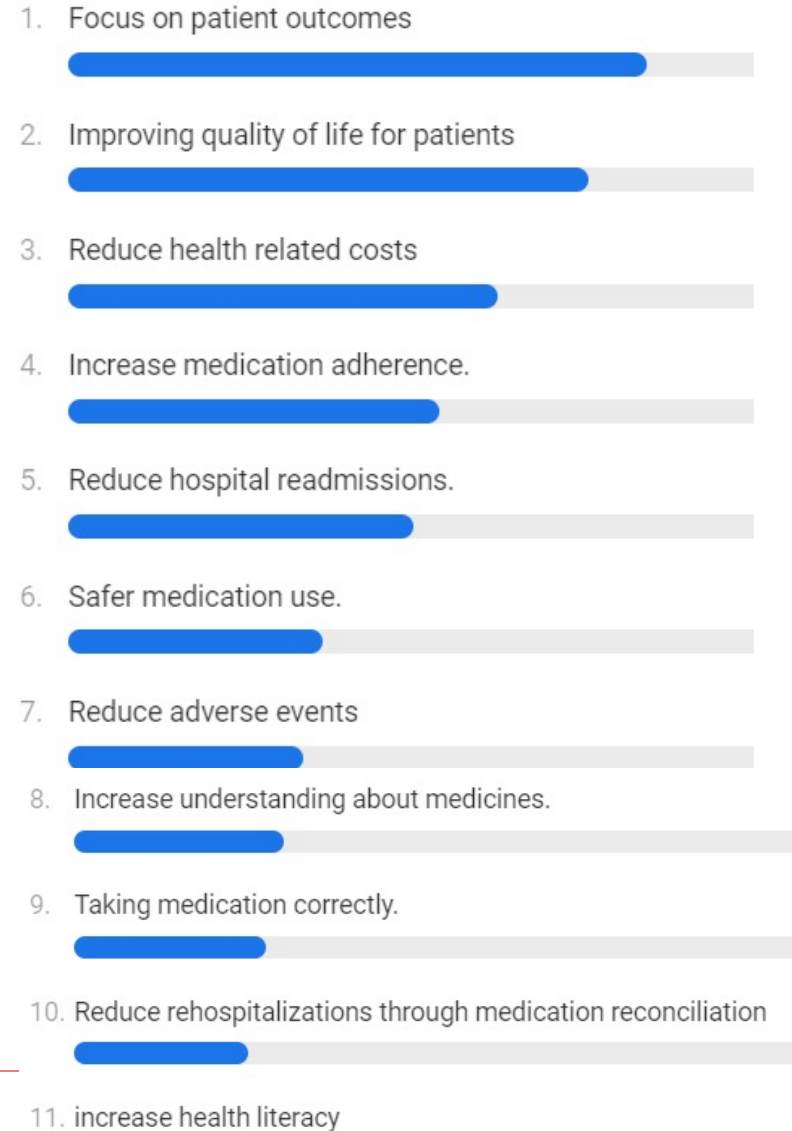
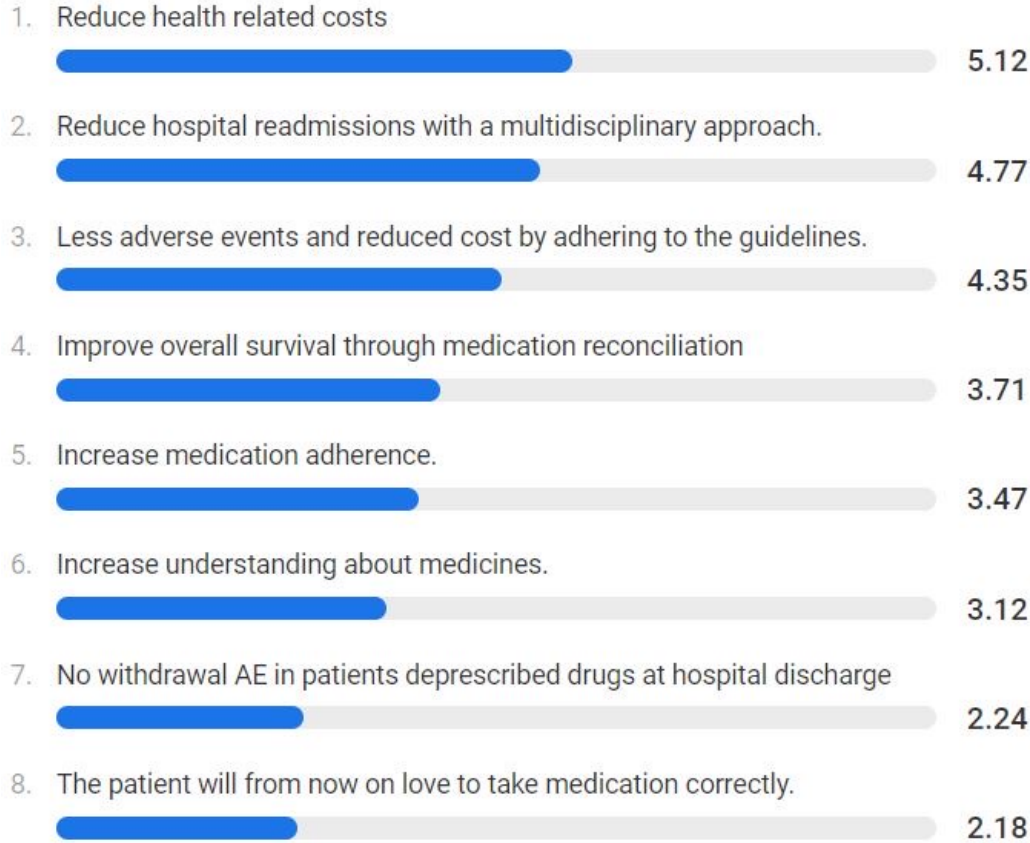
- Please, expose **the most important developments** that you believe are worth consideration and implementation in pharmacy practice and represent **“the best of the best” in Pharmaceutical care Research.**
 - You were asked to bring with you at least **one manuscript** describing the **research that supports this important development** with which you will be also able to persuade relevant third parties. These can be either your own or any other relevant, international research.
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Task 1: Team work

Aim: To **prioritise** research for “LANCET PHARMACY PRACTICE” based on its **added value (benefit)** for patients/pharmacy practice.

- A. Define and discuss **the added value (benefit)** of the proposed “best of the best” PhC research.
- *What is it?*
 - *What is the message for health officials?*
- B. Define **criteria** based on **the benefits (potential added value)** by which you would be able to **prioritize** future research initiatives.
-

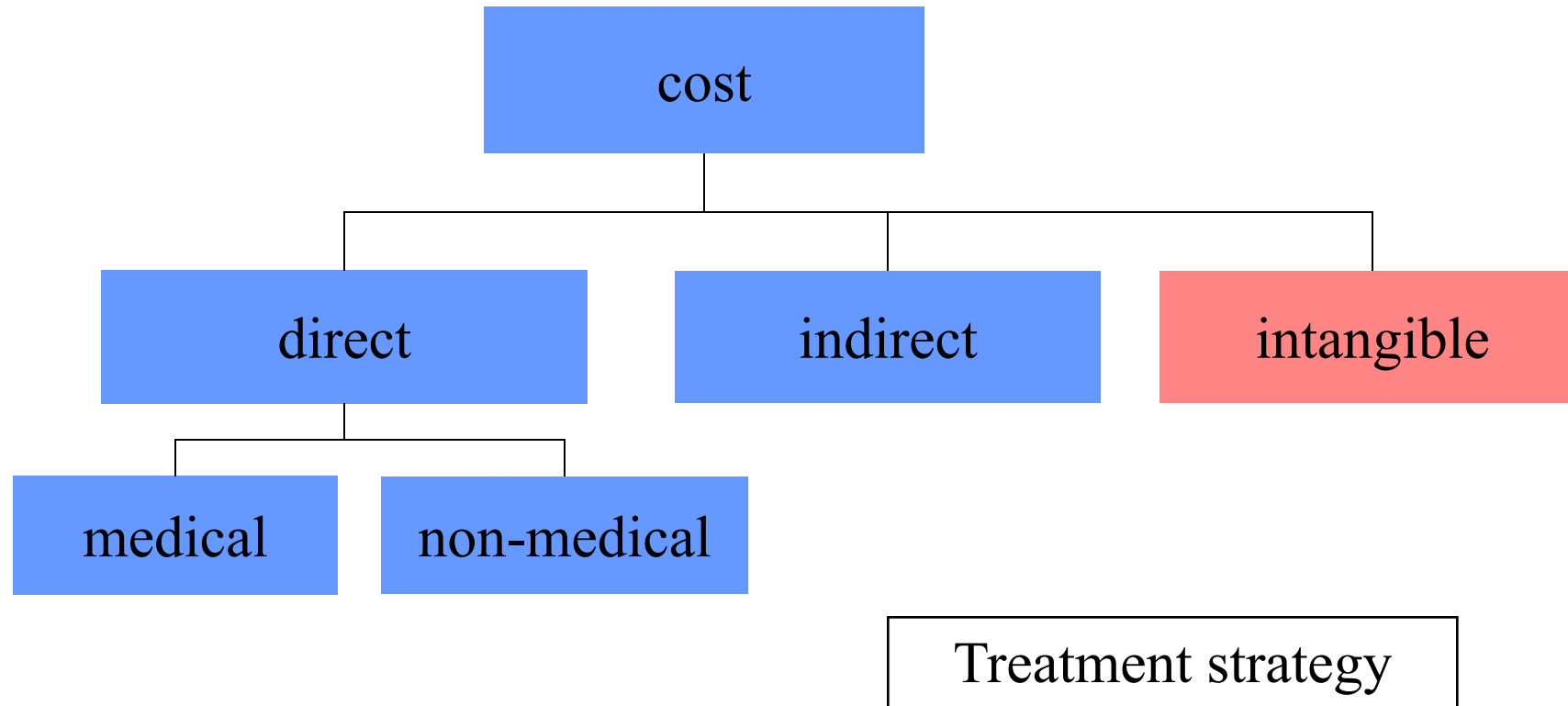
"Ranking" criteria based on the benefits (potential added value) by which you would be able to prioritize future research initiatives.



Healthcare payer perspective

Intro into HTA & Health economics

Economic outcomes



Cost-effectiveness

2. MIN OVERALL COST ?

Efficacy/benefit ?

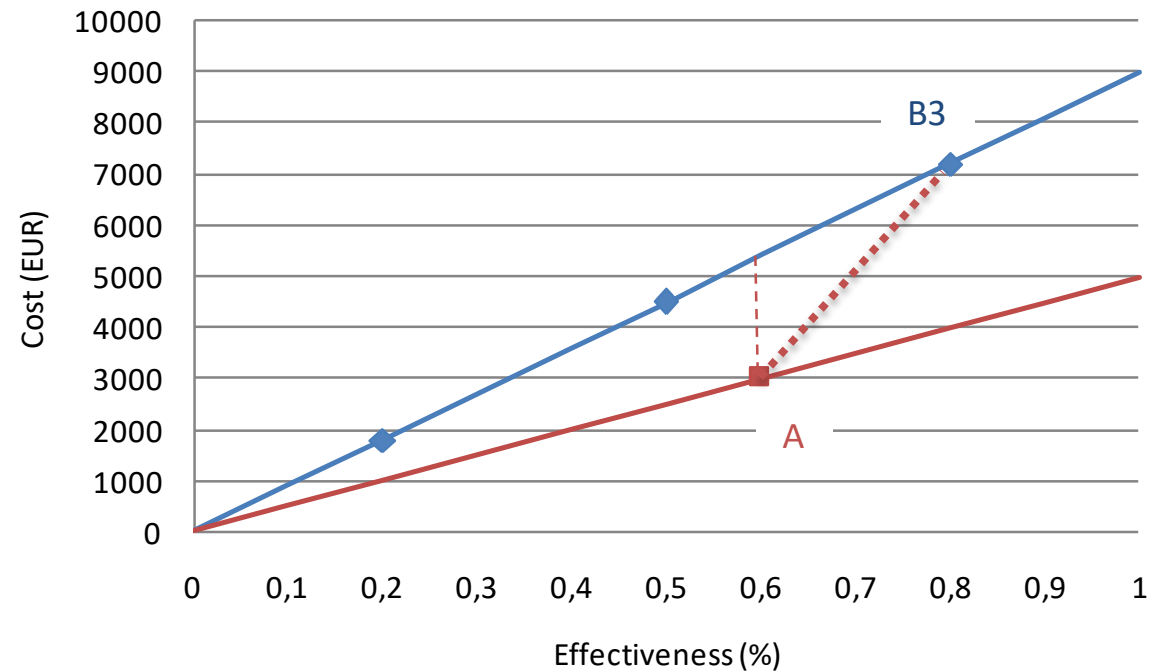
Services

Transferability and cultural adaptations



ICER

Incremental cost-effectiveness ratio



Fiat- Fičo

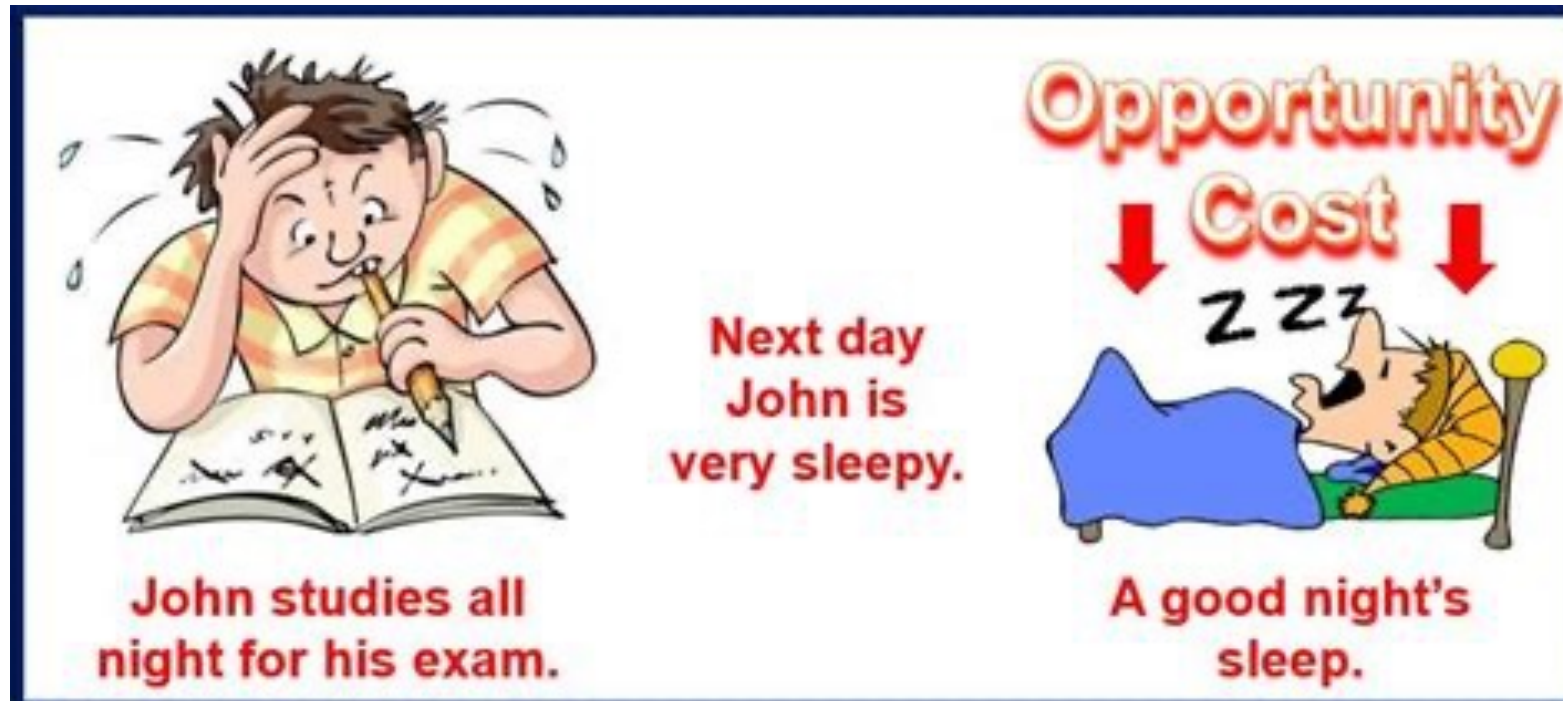


Rolls-Royce Phantom



Opportunity costs

- represent the potential benefits an individual, investor, or business misses out on when choosing one alternative over another.



Opportunity cost



Task 2: Team work

- To **prepare a research strategy** with the potential to achieve excellence in pharmacy practice.

OR/AND

- To **draft one or several key research projects** with the potential to be prioritised based on pre-established criteria.
 - Define the aim and draft the study: target group and methodology,...
 - How would you run it: once site, multiple countries individually in parallel, as a joint international project.

International Project to Reduce Mortality & Health-Related Cost After Myocardial Infarction
target group

Aim:

Intervention: Medication Reconciliation and Review and patient counseling @ hospital discharge with follow-up

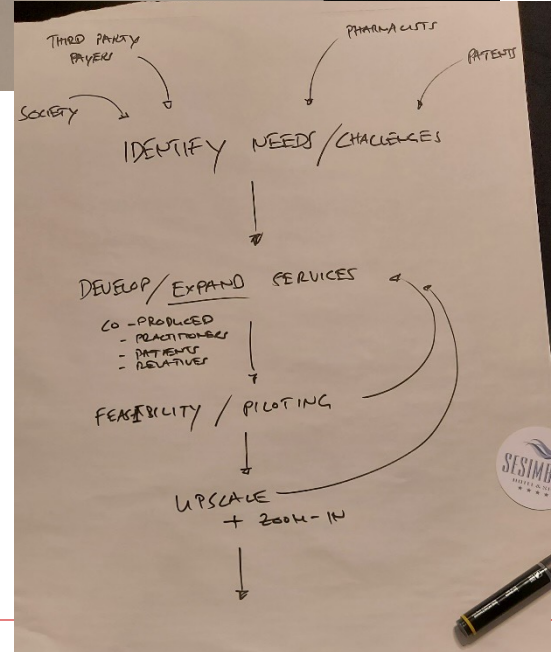
International: Turkey - Slovenia - Portugal - Norway

AIM: Prove cost-effectiveness of medication reconciliation service provided in community pharmacy for patients after hospital discharge.

METHODOLOGY: RCT → Care after normal procedure vs. intervention (Medication reconciliations).

- INDICATORS:
- adverse events
 - interactions
 - emergency visits
 - rehospitalizations
 - unplanned GP-consultations

Multicentre, joint international project.





Thank you!

kurt.hersberger@unibas.ch & kosm@ffa.uni-lj.si
