

Training in guideline development: A double-edged sword?

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Marian Majoie
Guidelines



Clinical practise guideline

How to take into account scientific evidence & costs?



Guidelines

- Link between Science and Community

Needs

- Many guidelines & limited collaboration
- Fragmentation
- Guidelines improved but not used
- Rising costs, access to care under pressure

Clinical practise guideline

Guidelines

Document of recommendations → improving quality of care !

Systematic summaries of scientific research placed in context:

- Advantages and disadvantages of care options
- Expertise of healthcare professionals
- Experiences of care users



Role of guidelines

Guidelines

- Support difficult decision making
- Systematic development can help avoid costly mistakes
- Guidelines take into account:
 - Scientific evidence
 - Quality of life
 - Cost of care
- Use of guidelines requires not only knowledge but also motivation



Aggie Paulus

High Value Cost Conscious Care



The need for high value, cost conscious care

- Scarcity is increasingly prominent in healthcare
- Health professionals play a key role in allocative decisions that affect healthcare expenses and quality of life.
- Health professionals are considered more and more as '*stewards of scarce resources*' (Moleman et al., 2021)

High value, cost conscious care (HVCCC)

- Provision of care that “*adds value*” and is “*cost conscious*” therefore becomes more and more important (Stammen et al, 2015, 2020; Mordang, et al., 2020).
- HVCCC = is about preserving “*the delivery of interventions that **provide good value by eliminating marginally effective healthcare and other sources of waste (“low value care”)** and delivering health care that **provides benefits that commensurate costs (“high value care”)***” (Owens et al., 2011, p. 175)

HVCCC and Guidelines

- Clinical guidelines can guide the decisions of health professionals
- It is currently not standard to incorporate evidence on costs and cost-effectiveness into these guidelines (and into resulting decisions).
- Only 37% of medical professionals take cost consciousness into account when making treatment decisions (Colla et al., 2016).

HVCCC and Education

- Educating health professionals to deliver HVCCC is key.
- Incorporation of costs and cost-effectiveness into guidelines is important
- Training health professionals in developing and applying guidelines (that incorporate costs/costs-effectiveness) is essential.

Danielle Verstegen

Education and Guidelines



CocoCare approach: A two-edged sword

Stimulating physicians to apply guidelines by giving them insight in how guidelines are developed.



E-learning



**Face-to-face
workshops**



**Training on the
job package**

Cococare educational principles



Active
learning



Authentic
learning tasks



Collaborative
learning



Blended
learning

Challenge 1:

One approach to reach different goals?

- To introduce guidelines
- To understand & apply guidelines
- To stimulate participation in guideline development

Challenge 2:

One approach to reach different target groups?

- Students & residents
- Working healthcare professionals
- Different healthcare professions

Marian Majoie
Projects



Future health professional

Identifying most pressing questions

Puts these answers in a most realistic context

Gives an answer to -for patients- most relevant questions

Focus on patient interest for the short and the long term

Makes sustainable choices

Contributes to knowledge development

Contributes to knowledge transfer

Contributes to knowledge evaluation

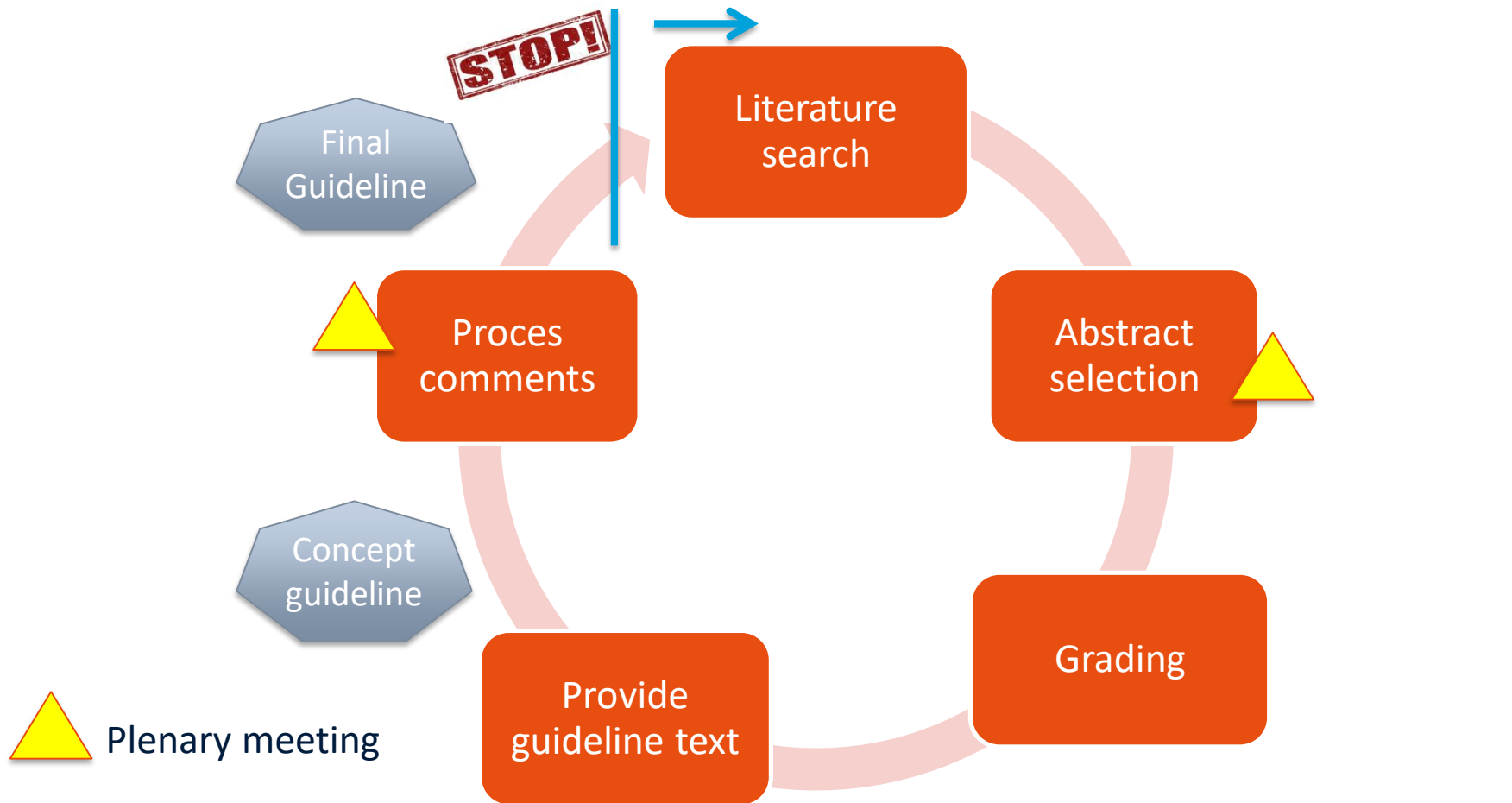
Guidelines and CanMed

- Medical expert
- Communicator
- Collaborator
- Health advocate
- Manager
- Scholar
- Professional



Guideline cycle

Guideline development



I. Dutch pilot

Face-to-face group training

Training 1



Training 2



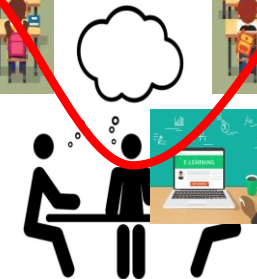
Training 3



Training 4



E-learning and learning on the job, participate in guidelinegroup



Diagnoses & intervention

- Define key question
- Literature search
- Literature selection

Diagnoses & intervention

- Judge quality
- Data extraction
- Meta-analysis

Diagnoses & intervention

- GRADE
- Evidence to decision framework
- Write recommendation

Economic evaluation

II. CoCoCare educational program

Making cost-conscious care through education (more) a theme in Health Care



Together with

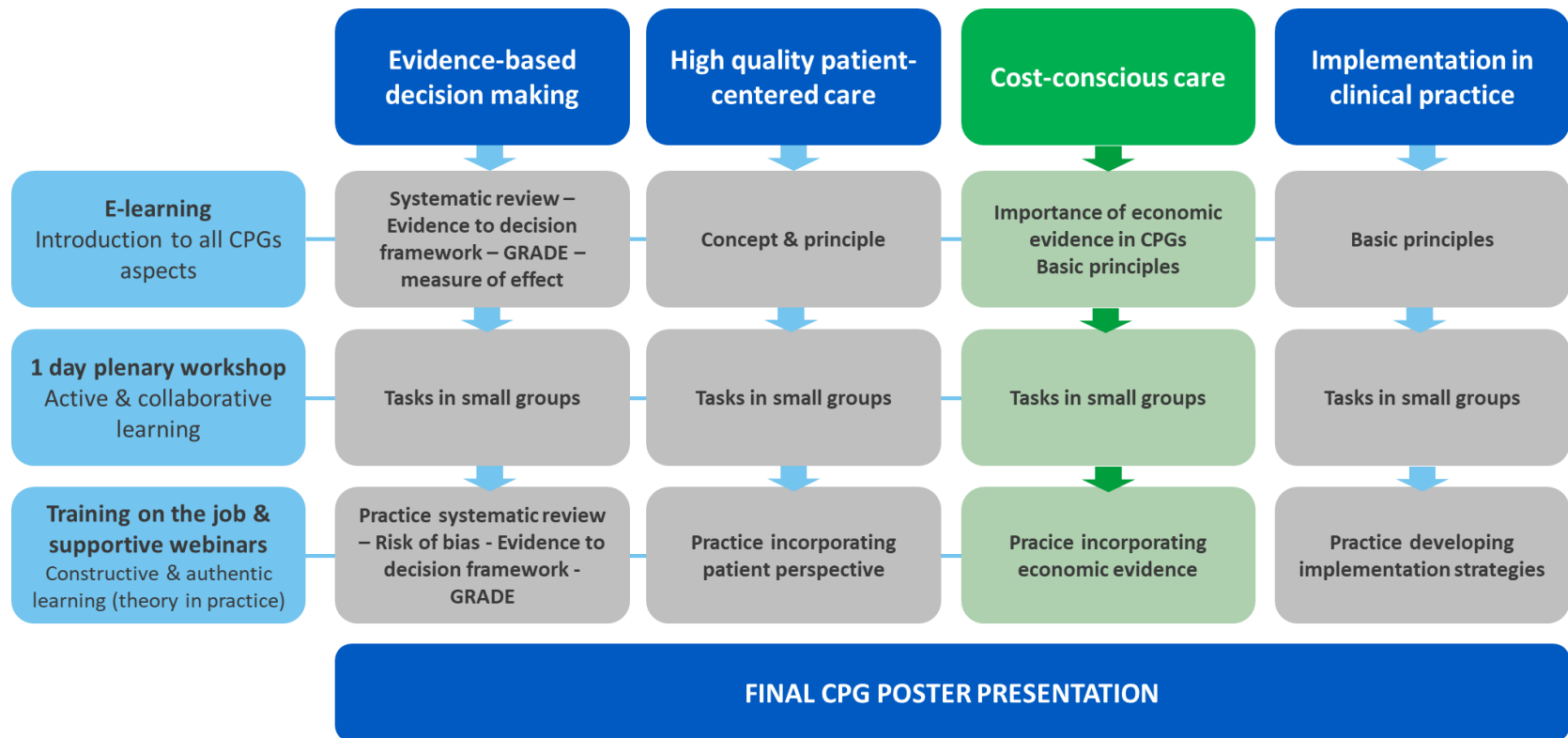


Info: <https://www.ean.org/research/ean-guidelines/cococare-project>

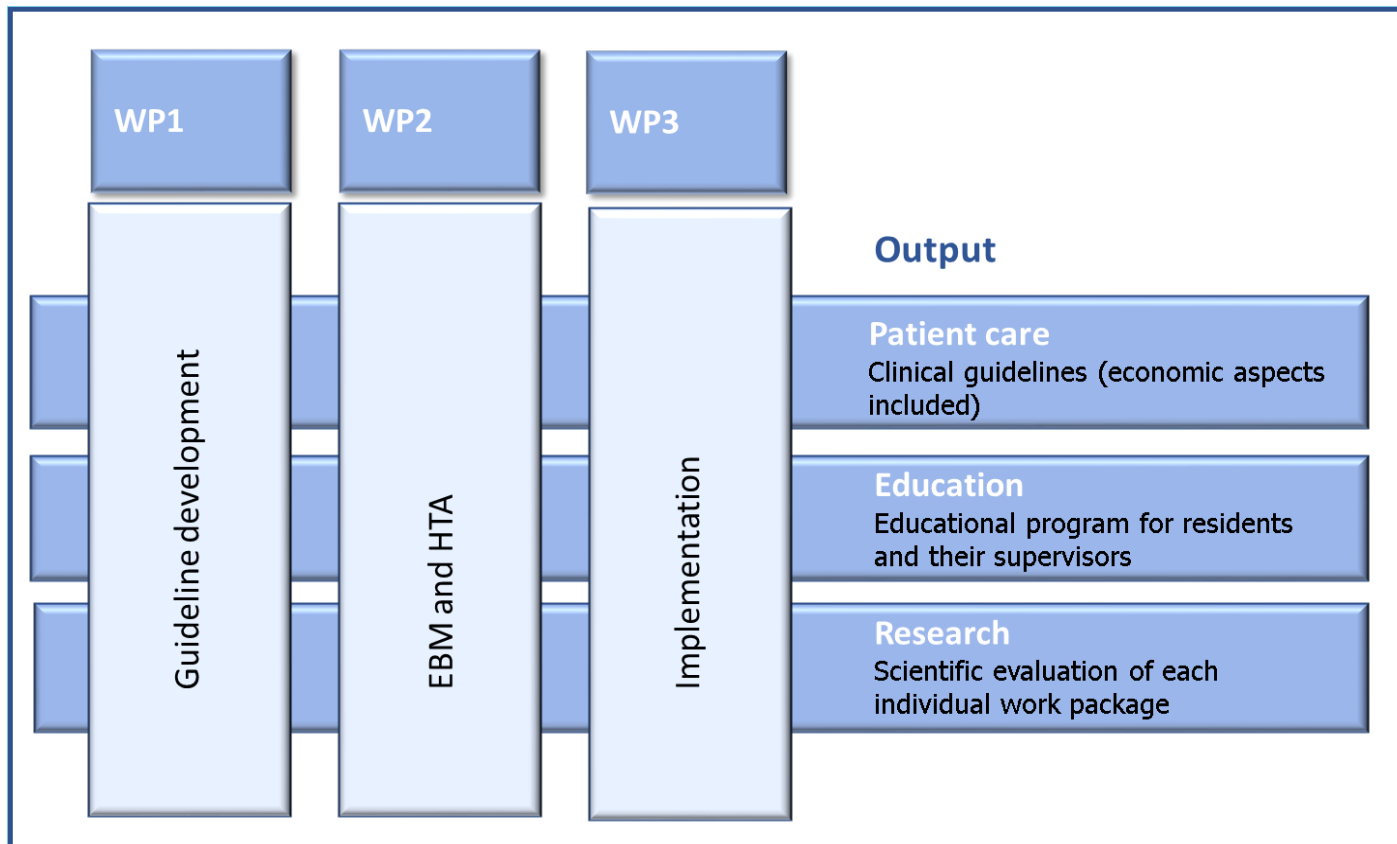


II. CoCoCare educational program

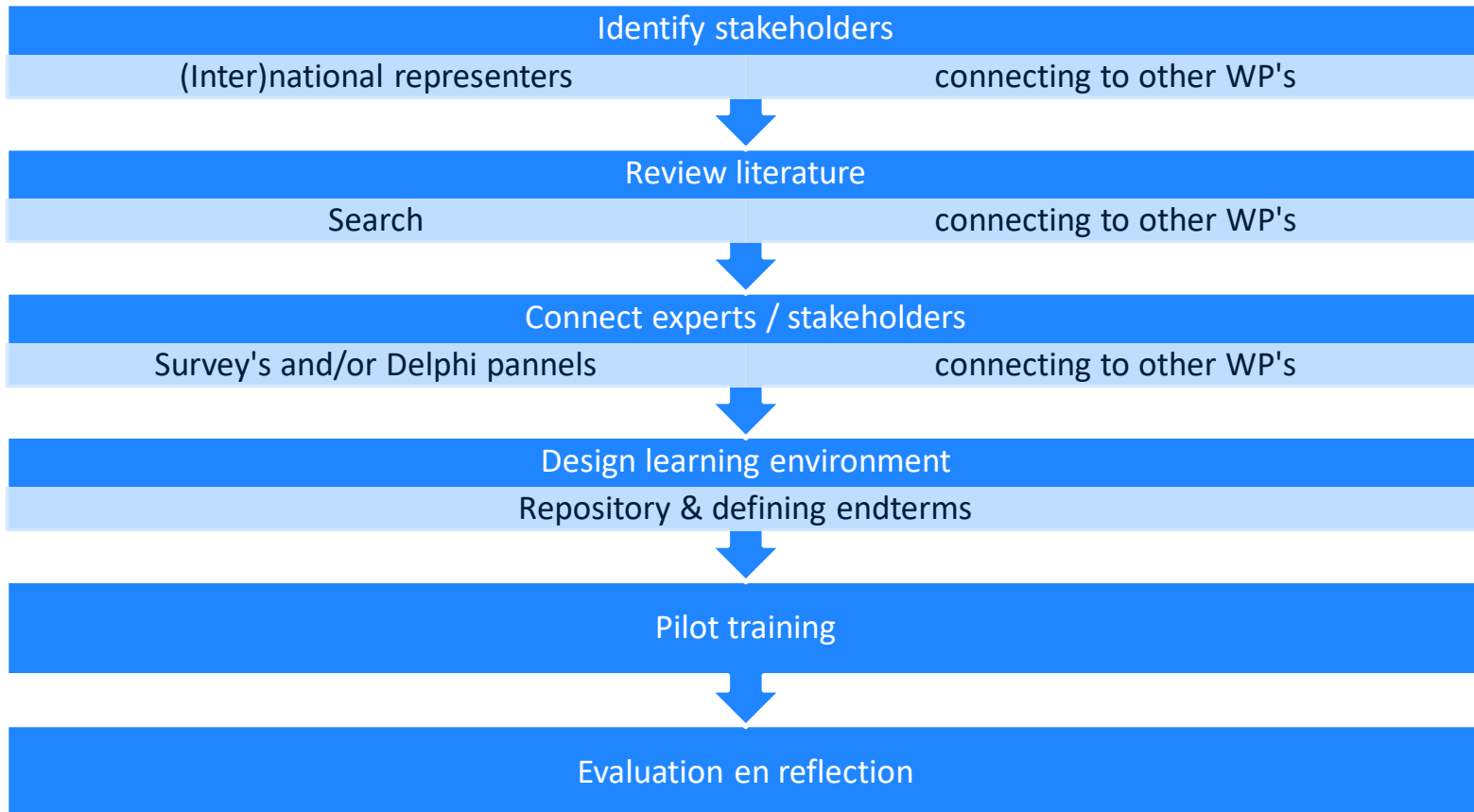
Program design



III. Leerplatform richtlijn ontwikkeling



III. Leerplatform richtlijn ontwikkeling



III. Leerplatform richtlijn ontwikkeling

Performance

- Intention to use guidelines
- Work with guidelines
- Participation in guideline development
- Cost awareness

Moor Gallis & Green Model



*The Maastricht HVCCC Attitude Questionnaire (MHAQ). BMC health service research 2020

Silvia Evers

Discussion



Kempenhaeghe



Maastricht UMC+



CAPHRI **SHE**

School of
Health Professions
Education

Discussion points

- Can we use one approach to reach different goals?
 - Introduce, understand and apply guidelines
 - Stimulate participation in guideline development
- Can we use one approach for different target groups?
 - Students, residents, working professionals
 - Physicians, nurses, allied health professionals

