

The Role of Trial-based Economic Evaluation in Health Care Decision Making

Discussion

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Positive versus normative perspectives

- Positive
 - How do decision makers reach decisions?
 - What factors do they take into account?
- Normative
 - How should decisions be made?
 - What does this imply about the methods of economic evaluation?

Requirements for decision making and trial-based economic evaluation

Requirement

All relevant options



Trial feature

All options as trial arms

All relevant evidence



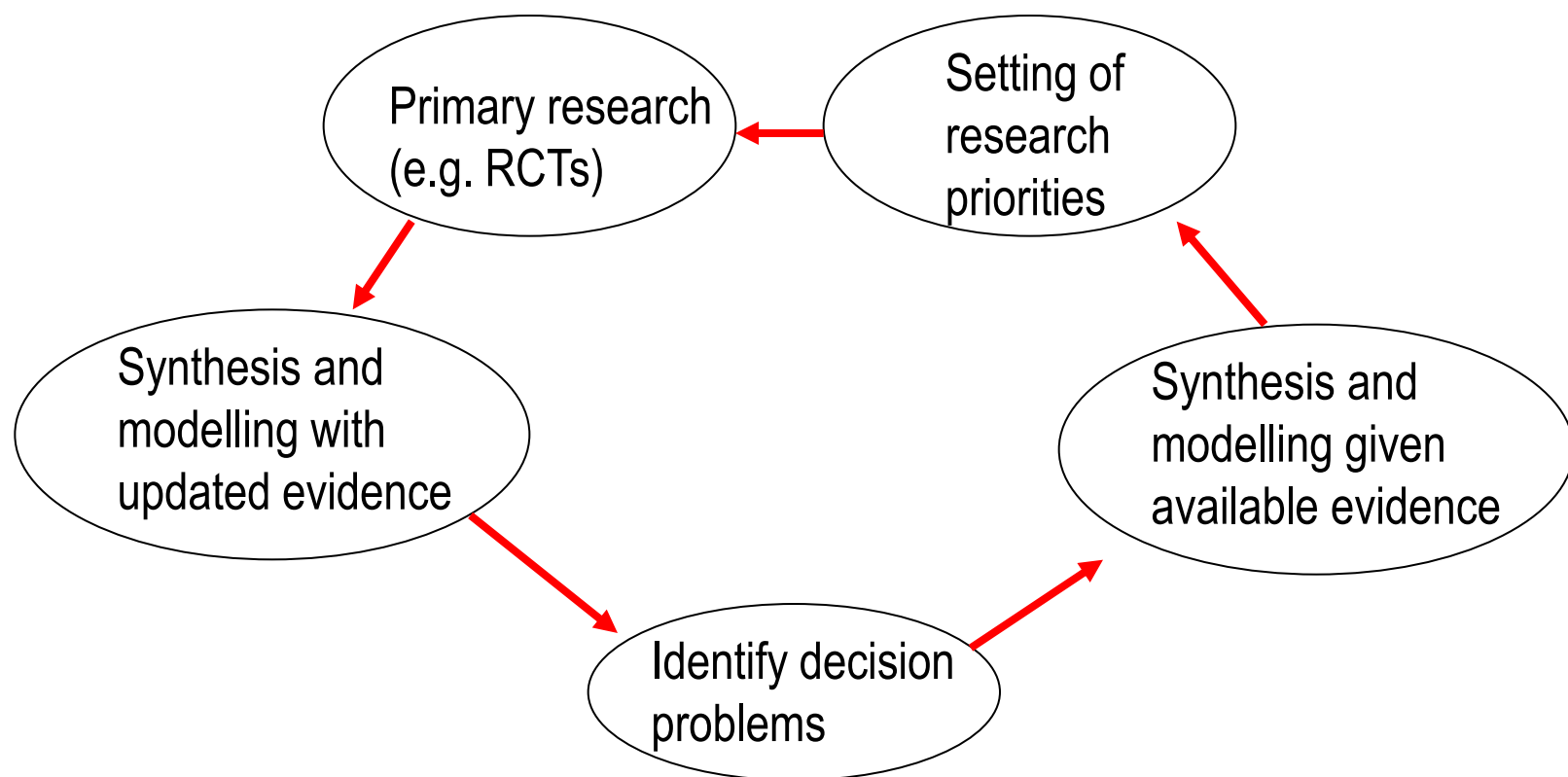
No other evidence on any parameters relevant to the decision

Appropriate time-horizon



Trial follow-up and time horizon are the same

An iterative approach to evaluation



But we don't know how to do everything...

Evidence synthesis and decision modelling is the appropriate framework for economic evaluation, but major challenges:

- Identifying all relevant alternatives
- Structuring decision models
- Conditioning on all relevant events
- Characterising the exchangeability of evidence

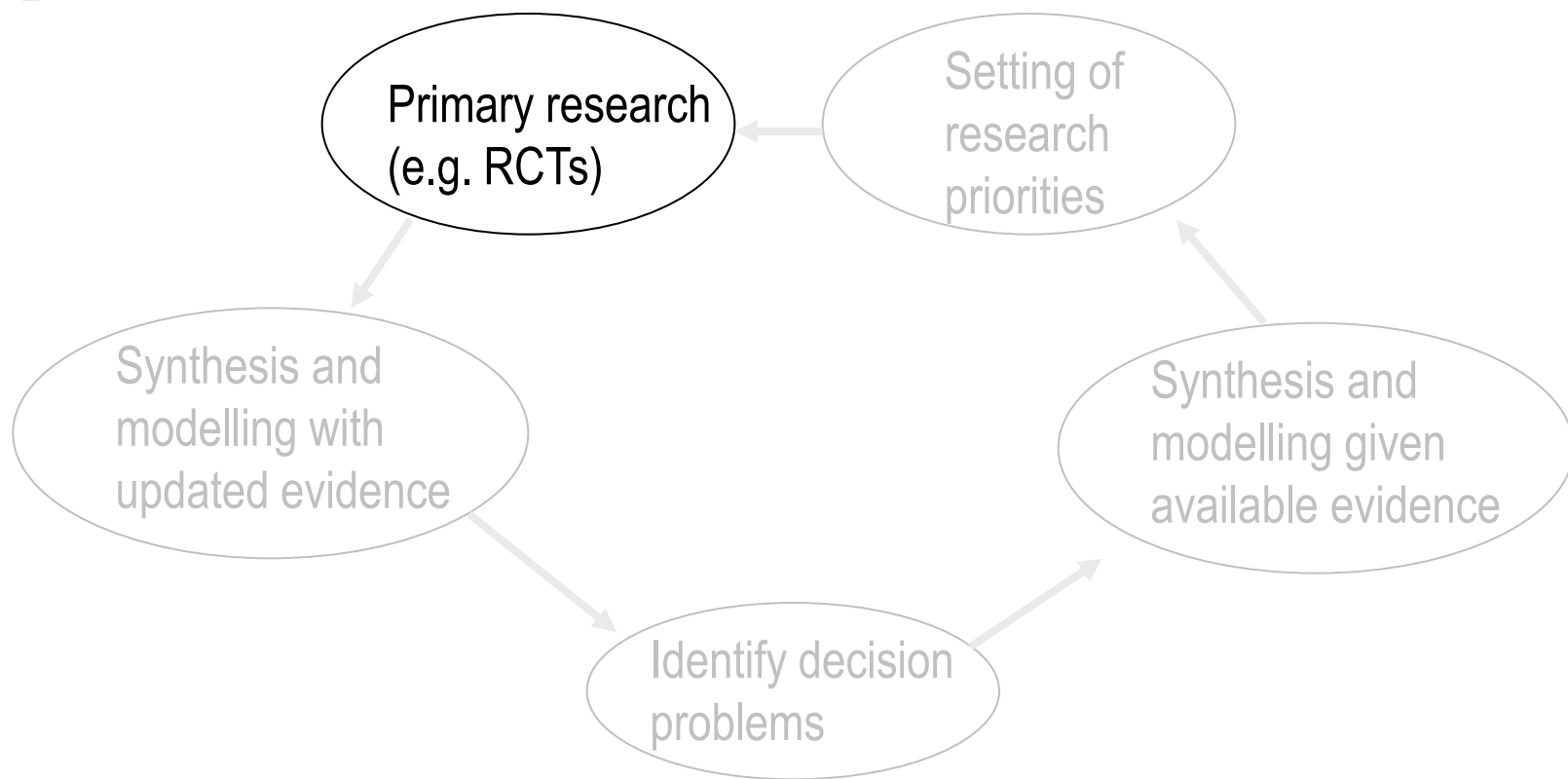
The realities of research funding

- A large proportion of funding for economic evaluation is attached to trials
- Seem to be 3 general options:
 1. Satisfy expectation of standard trial-based economic evaluation and risk misleading results
 2. Refuse to participate
 3. Pragmatic collaboration
 - Seek opportunity to use modelling to help design the trial
 - Ensure sufficient budget for analysis which includes synthesis and modelling

A pragmatic way forward?

Trial-based economic evaluation

□



A pragmatic way forward?

What could be managed?

