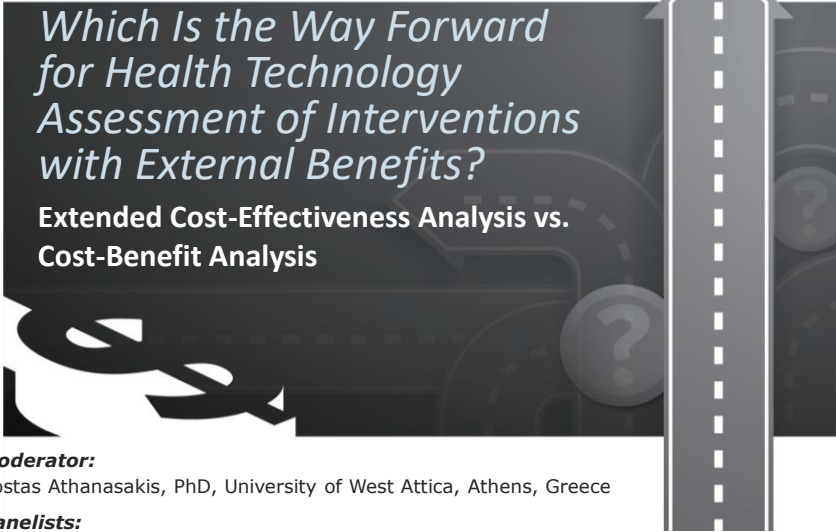




Which Is the Way Forward for Health Technology Assessment of Interventions with External Benefits?

Extended Cost-Effectiveness Analysis vs. Cost-Benefit Analysis

Moderator:

Kostas Athanasakis, PhD, University of West Attica, Athens, Greece

Panelists:

Maarten Postma, PhD, University of Groningen, Groningen, Netherlands;

Joseph P Sevilla, PhD, Data for Decisions, LLC, Waltham, MA, USA

The issue

- Health Technology Assessment increasingly needs to **evaluate** interventions (such as vaccines) that are **accompanied**, apart from benefits at the individual/patient level, by **external socio-economic benefits**.
- Such **externalities** are rarely included in “third-party payer perspective” economic evaluations
 - This risks **distorting or underestimating** the true value of interventions when such socio-economic benefits are not proportional to QALY benefits.
- **Changes** to the current HTA economic evaluation paradigm should be explored, in order to provide a **holistic view of benefits** from healthcare interventions and assess them in a **fair manner**.

The debate

- The panel will debate **two potential improvements** to the typical HTA paradigm in order to **include external benefits** in assessment decisions.
- In specific, we will try to explore whether a
 - **Cost-Benefit Analysis**, or an
 - **Extended Cost-Effectiveness Analysis** frameworkcould better replace the third-party perspective CEA that is mostly used today for HTA decisions.
- Panelists will use **vaccines** as case study.

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The presenters

Maarten Postma: the “evolutionist”



Maarten Postma

- the current CEA paradigm is firmly rooted in HTA processes
- an evolution (rather than a revolution) is necessary
- this can be achieved through the application of an Extended CEA approach.

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The presenters

JP Sevilla: the “revolutionist”



JP Sevilla

- JP will highlight the spectrum of extended benefits that are associated with vaccines
- will argue that the optimal way to incorporate such benefits is to use a CBA framework
- and that this should be applicable to all healthcare interventions

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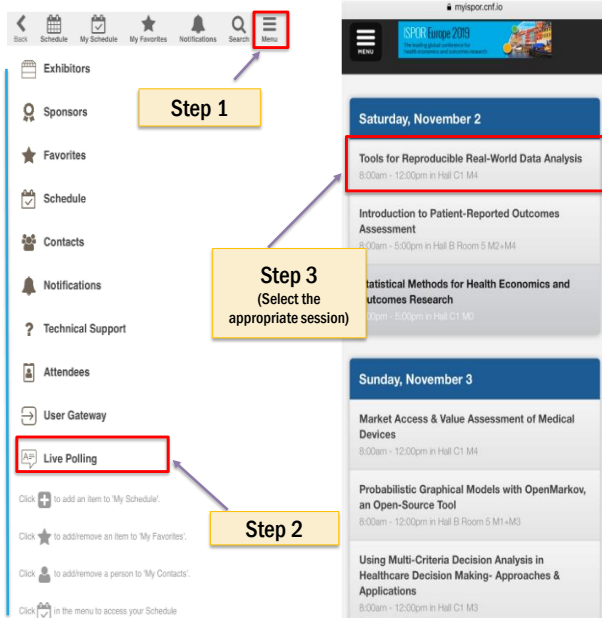
Q&A



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Step 1

Step 2

Step 3
(Select the appropriate session)

What do you think?

Poll: Coming into this Issue Panel what do you think is the best option for the improvement of the current HTA approach for interventions with external benefits (e.g. vaccines)?

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Poll: Coming into this Issue Panel what do you think is the best option for the improvement of the current HTA approach for interventions with external benefits (e.g. vaccines)?

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Social Q&A

What do you think?

Poll: Based on the Issue Panel discussions what do you now believe that is the best option for the improvement of the current HTA approach for interventions with external benefits (e.g. vaccines)?

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Poll: Based on the Issue Panel discussions what do you now believe that is the best option for the improvement of the current HTA approach for interventions with external benefits (e.g. vaccines)?