



INTEGRATE-HTA


Results of a European research project (2013-2015)

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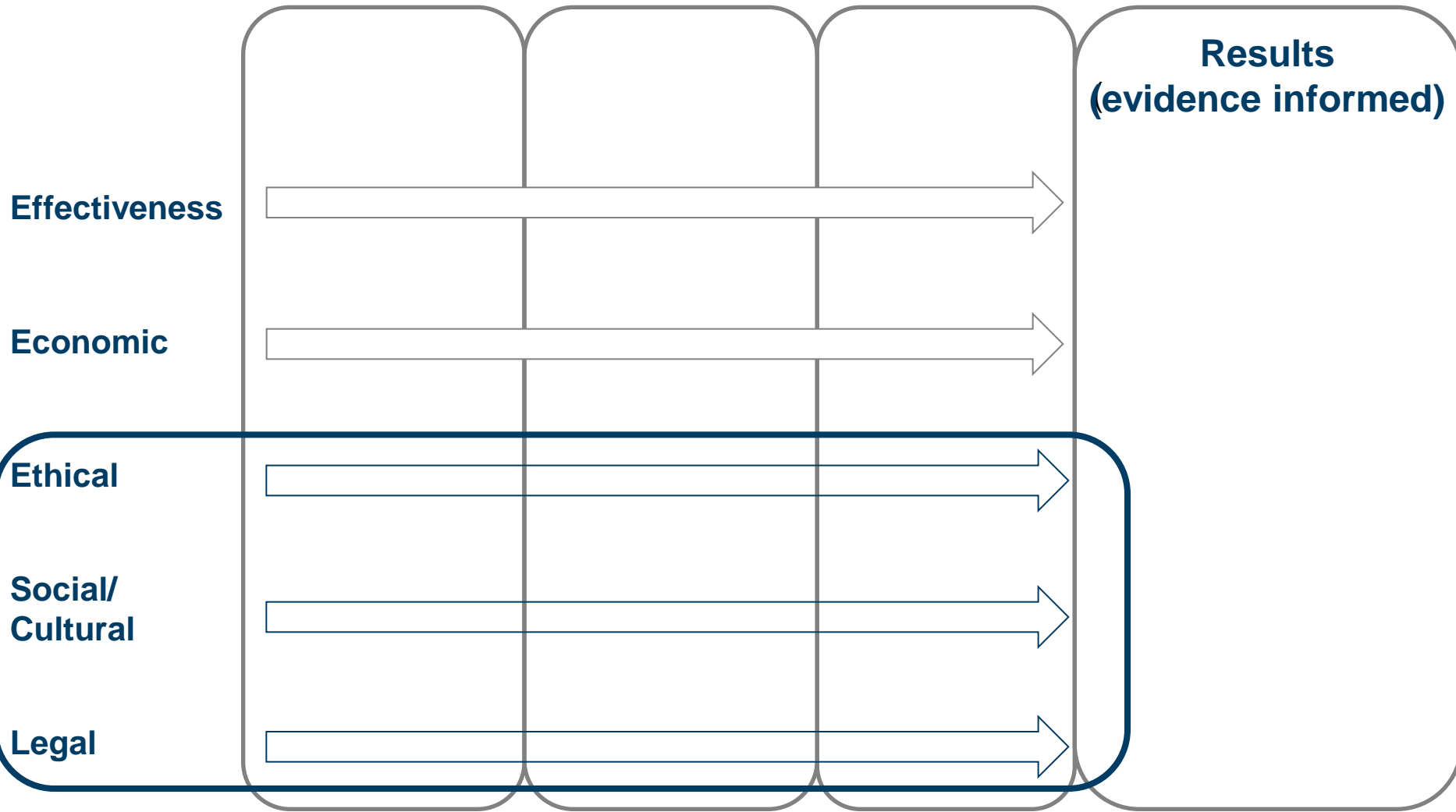
Aim of INTEGRATE-HTA

To develop concepts and methods for a **comprehensive, patient-centred, and integrated** (as opposed to side-by-side) **assessment of health technologies**

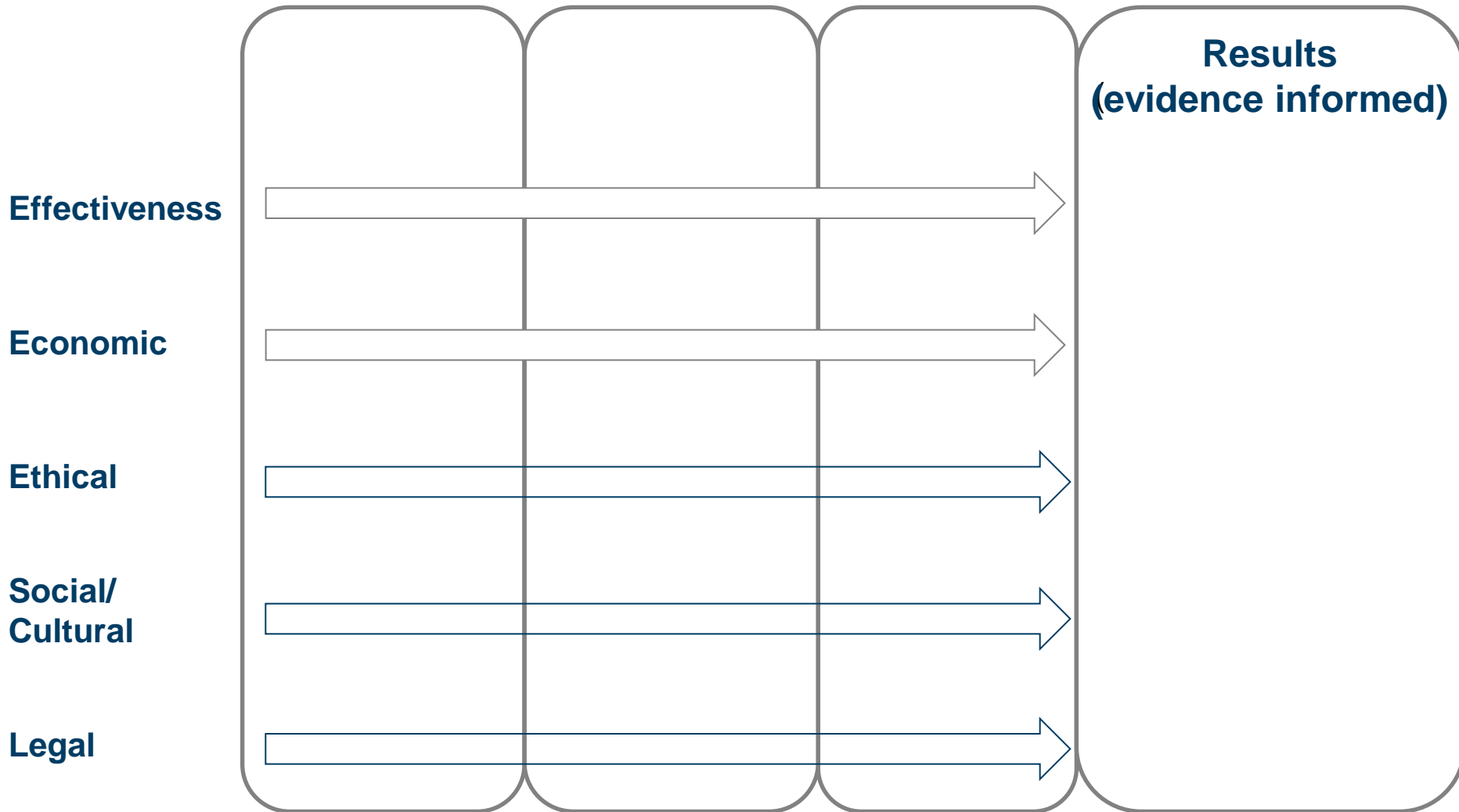
that includes and considers

- effectiveness and economic, sociocultural, ethical, and legal issues,
- patient preferences and patient-specific moderators of treatment,
- context and implementation issues.

'Traditional' HTA (add on)



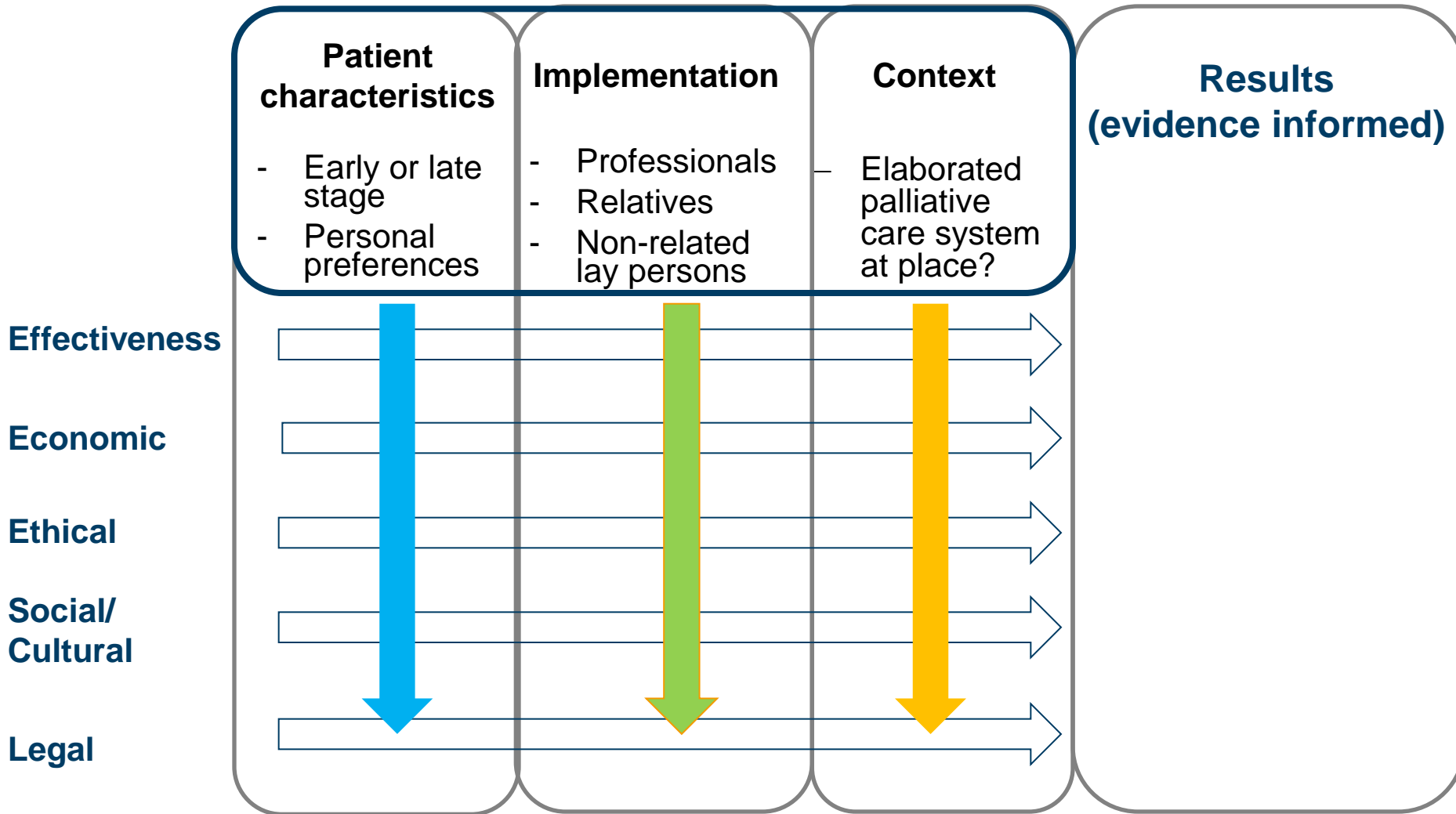
Comprehensive HTA



Important to consider other aspects - e.g. in case of palliative care

Patient characteristics & preferences	Early or late stage? In pain? In despair? Family around?
Comparator	Another complex technology?
Topics for assessment	(Cost-)effectiveness, social, cultural, legal impact? Impact on relatives?
Outcome	> 500 outcome parameters, e.g. quality of life, spiritual improvement, etc.
Implementation	By a nurse? A doctor? A relative? At home? In a hospice?
Context	Rural area? Degree of professionalization of services?

Modifying factors



+ Views of stakeholders

Stakeholders' views and preferences

Patient characteristics

- Early or late stage
- Personal preferences

Implementation

- Professionals
- Relatives
- Non-related lay persons

Context

- Elaborated palliative care system at place?

Effectiveness

Economic

Ethical

Social/
Cultural

Legal

Assessment results

and

Degree of
uncertainty

How to integrate all the information?

	Patient characteristics	Implementation	Context	Findings/ Outcomes
	<ul style="list-style-type: none"> - Early or late stage - Personal preferences 	<ul style="list-style-type: none"> - Professionals - Relatives - Non-related lay persons 	<ul style="list-style-type: none"> - Elaborated palliative care system at place? 	
Medical	→			} Integration
Social/Cultural	→			
Economic	→			
Ethical	→			
Legal	→			

Approach of INTEGRATE-HTA: 5 Steps

- 1) Involve stakeholders to elicit needs, topics, outcomes and likely scenarios
- 2) Creating a logic model taking patient characteristics, implementation issues and context into account; Structuring patient heterogeneity into groups of patients with certain characteristics
- 3) Assess the evidence regarding effectiveness, and economic, ethical, socio-cultural, and legal aspects
- 4) Integrate the evidence in a structured way to respond to the needs of the stakeholders
- 5) Structured process of decision-making

Lessons learnt

- Make **stakeholders** part of the assessment – a **defined perspective** is necessary for an integrated assessment
- **Identify and model relationships** between the intervention, patient characteristics, implementation issues, and context
- Offer an **integrated assessment** to decision-makers - **integration needs to start from the beginning**

Guidances and application

1. Guidance for the **assessment of effectiveness, and economic, ethical, socio-cultural, and legal issues** of complex technologies
2. Guidance for retrieving and critical appraisal of the literature on **moderators of treatment effects** and for the critical appraisal of articles concerning **patient preferences for treatment outcomes**
3. Guidance for the **assessment of context and implementation** in systematic reviews and health technology assessments of complex interventions and for the **use of logic models** in systematic reviews and health technology assessments of complex interventions
4. Guidance for an **integrated assessment** of complex health technologies
5. **Demonstration HTA** on reinforced models on home based palliative care

All deliverables are available from the project website:

<http://www.integrate-hta.eu/downloads/>



Downloads

On this page you can find the [results of the INTEGRATE-HTA projects](#), links to five editions of our [newsletters](#), [presentations](#) of project team members at (inter)national conferences and events, [abstracts](#) for these presentations and a [project flyer](#).

Results of the project

DATE	DOCUMENT
15 February 2016	Integrated health technology assessment for evaluating complex technologies (INTEGRATE-HTA): An introduction to the guidances
15 February 2016	Guidance on the integrated assessment of complex health technologies – The INTEGRATE-HTA Model
15 February 2016	Guidance for assessing effectiveness, economic aspects, ethical aspects, socio-cultural aspects and legal aspects in complex technologies

- 1 Integrated health technology assessment for evaluating complex technologies (INTEGRATE-HTA): An introduction to the guidances
- 2 Guidance on the integrated assessment of complex health technologies – The INTEGRATE-HTA Model
- 3 Guidance for assessing effectiveness, economic aspects, ethical aspects, socio-cultural aspects and legal aspects in complex technologies
- 4 Guidance for the assessment of treatment moderation and patients' preferences
- 5 Guidance on the use of logic models in health technology assessments of complex interventions
- 6 Guidance on choosing qualitative evidence synthesis methods for use in health technology assessments of complex intervention
- 7 Integrated assessment of home based palliative care with and without reinforced caregiver support: A demonstration of INTEGRATE-HTA methodological guidances – Executive Summary



Reflections on the work

- *“Even seemingly simple Health Technologies appear to be complex enough for policy and practice to make an integrated Assessment indispensable”* (Prof. Dr. Bert Boer, National Health Care Institute, the Netherlands)
- *“INTEGRATE-HTA provides HTA agencies with an interesting and innovative set of new tools.”* (PD Dr. med. Stefan Sauerland, MPH, IQWiG, Cologne, Germany)

Source: <http://www.integrate-hta.eu/sixth-edition/results-of-the-project/>

Next steps

1. Explore collaboration with EUnetHTA: e.g. expanding the core model for the assessment of complex technologies
 2. Inform and collaborate with HTA-agencies: Exchange on using and refining the guidances – e.g. webinar to be organised in close collaboration with INAHTA
 3. Dissemination of results via publications/presentations
- >> Please visit our website at: www.integrate-hta.eu

THANK YOU!

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