

JOINT ASSESSMENTS IN EUROPE: CAN WE DO IT AND HOW?

The HTA Core Model and its use in Joint Assessment

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The HTA European Collaboration goals



Efficiency

- Timely information
- Less duplication
- Re-use and local adaptation
- Greater coverage of topics

Quality

- Shared methodology
- New/emerging methodological challenges

Availability of evidence

- Communication of evidence needs
- Dealing with research gaps

Sharing trustworthy assessments

 Joint products, collaborative products, re-use of local products



Joint Assessment – National Uptake

Rapid REA Drugs	Up take	Rapid REA MD	Up take	Full HTA	Up take
New pharmaceuticals for the treatment of chronic hepatitis C (inpress)		Endovascular therapy using mechanical thrombectomy devices for acute ischaemic stroke (in press)		Structured telephone support (STS) for adult patients with chronic heart failure (in press)	
Vorapaxar for the reduction of cardiovascular events		Transcatheter implantable devices for mitral valve repair		Intravenous immunoglobulins for Mild Cognitive Impairment and Alzheimer's disease (In press)	
Ramucirumab + Paclitaxel for the treatment of gastric cancer	PPP PPP	Biodegradable stents for the treatment of oesophageal stenosis	PPP P	ColoRectal Cancers screening tests	PPP P
sorafenib as a treatment of thyroid carcinoma	PPP PP	Balloon Eustachian Tuboplasty for Eustachian tube dysfunction	PPP P	Abdominal Aorta Aneurysm Screening (AAA)	PPP
canagliflozin as a treatment of type 2 diabetes mellitus	PPP PPP PP	Renal denervation systems for treatment-resistant hypertension	PPP PPP	Prognostic tests for breast cancer recurrence (PTBCR)	
Zostavax for the prevention herpes zoster'	PPP P	Duodenal-jejunal bypass sleeve for the treatment of obesity	PPP PPP		

The HTA Core Model®



Description

The HTA Core Model® is a methodological framework for shared production and sharing of HTA information

Purpose

To enable production of high quality HTA information in a structured format to support the production of local (national or regional) HTAs and reuse of existing information

A practical tool to implement transnational collaborative HTA work that:

- stems from a long and complex process of revision

Version 2.0

Version 2.1

Version 3.0

Version 4.0



Access to the HTA Core Model®: www.htacoremodel.info

- answering questions to aid decisions

HTA Core Model DOMAINS 1. Health problem and current use of Reliable, timely, transparent, information technology 2. Description and technical characteristics 3. Safety 4. Clinical effectiveness 5. Costs and economic evaluation 6. Ethical analysis 7. Organisational aspects 8. Patient and social aspects 9. Legal aspects

Benefits + risks compared to one or more alternatives Clinical appropriatenss



Costs + economic impact
Sustainability



Organizational appropriateness Effective implementation



HTA and context

Globalize the evidence, localize the decision



J.M. Eisenberg

Locate the decision, globalise the evidence, localise the reporting



EUnetHTA

- global evidence for local decisions

HTA Core Model DOMAINS

- 1. Health problem and current use of technology
- 2. Description and technical characteristics
- 3. Safety
- 4. Clinical effectiveness
- 5. Costs and economic evaluation
- 6. Ethical analysis
- 7. Organisational aspects
- 8. Patient and social aspects
- 9. Legal aspects

GLOBAL

Systematic Reviews of research results

Evidence on relative effectiveness and safety

Estimates of effect size and level of confidence



LOCAL

Target population
Clinical practice
Transferability of results

- global evidence for local decisions

HTA Core Model DOMAINS

- 1. Health problem and current use of technology
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GLOBAL

Systematic Review of Literature Methods of analysis Endpoint and issues



LOCAL

Use of Systematic reviews for Methods in primary research and analysis

Budget impact/equity issues/ organizational needs ...

- global evidence for local decisions

HTA Core Model DOMAINS

70% of the studies did not take into account some cost itemscosts to patients or family; productivity losses for the patient or family. None of the studies broadly analysed the shift of cost...from specialist HF nurses to general practitioners... (WP4 - HTA3)

technology

ristics

- 4. Clin. ectiveness
- 5. Costs and economic evaluation
- 6. Ethical analys
- 7. Organisal
- 8. Patient and
- 9. Legal aspec

Official sources such as reports of the WHO, statements, guidelines of the American Telemedicine Association, research papers as well as various peer-reviewed articles in specialized medical journals, primarily focusing on cardiology, ethics, medical informatics, telemedicine and telecare, etc., have been thoroughly reviewed and helped in the understanding of the topic...(WP4 - HTA3)

GLOBAL

Systematic Review of Literature Methods of analysis Endpoint and issues



LOCAL

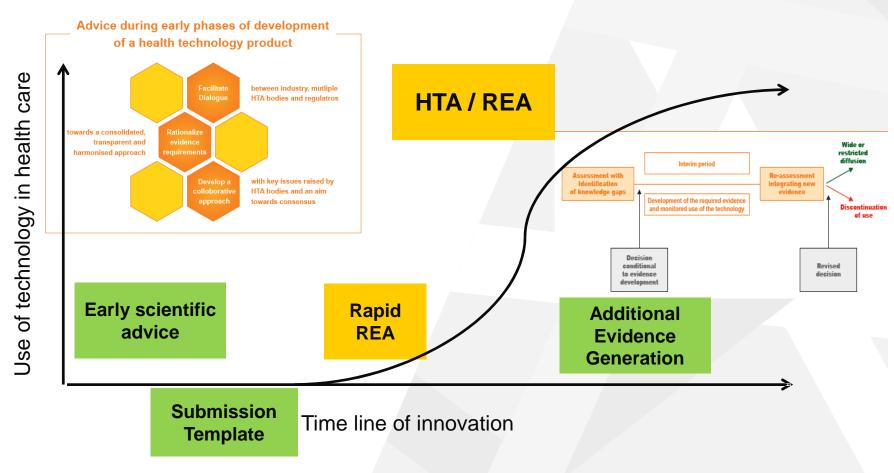
Use of Systematic reviews for Methods in primary research and analysis

Budget impact/equity issues/ organizational needs ...

Global evidence to support local decisions

- Ø Transparency and accountability of decisions
- Ø Variations explained and understood
- Ø Higher predictability of market and health expenditures
- Ø Decrease discrepancies in care across borders

Health Technology Life-cycle





Thank you

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