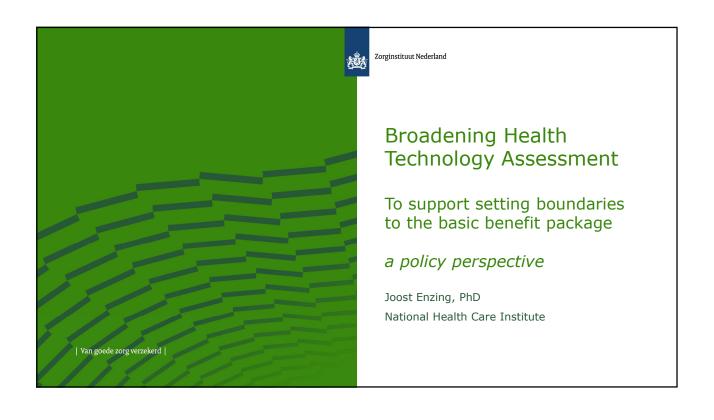
		ology Assessment in de Gezondheidszorg ng HTA for the healthcare package]	
25	12:30-13:00	Arrivals & lunch	_	
	13:00-13:15	Welcome and introduction by Prof. Dr. Judith Bosmans (NVTAG)	_	
	13:15-14:00	Policy keynote. Dr. Saskia Knies (Zorginstituut) and Dr. Joost Enzing (Zorginstituut) on a better and broader assessment of the Dutch basic benefit package (VVTB; verbeteren en verbreden toets op het basispakket)		
	14:00-15:00	Methodology contest. NVTAG prize pitches by the nominees.		
	15:00-15:15	Coffee break		
	15:15-16:45	Research panel. Challenges when conducting HTA research in specific domains. Researchers reflecting on their HTA domain starting with a short (5 minute) presentation per researcher.		
	Dr. Hanneke vaDr. Janneke GruProf. Dr. Leona	 Dr. Thea van Asselt (UMCG) - Screening/diagnostistics Dr. Hanneke van Dongen (VU) - Physiotherapy Dr. Janneke Grutters (RUMC) - Widely applicable medtech Prof. Dr. Leona Hakkaart (ESHPM) - van Roijen - Mental health care Prof. Dr. Erik Koffijberg (HTSR) - Digital innovations 		
	16:45-17:00	Awarding of the NVTAG Prize proudly sponsored by Lumanity.		
9/7/24	17:00-17:30	Drinks	1	



Reimbursement decision-making process



 In the Dutch context, a reimbursement decision-making process has been gradually developed in which the evidence obtained in Health Technology Assessment (HTA) research plays an important role.



To be transparent, consistent and involve all relevant societal values

 This process has been operationalised and is currently most systematically applied for the evaluation of **new outpatient pharmaceuticals**.



Broadening HTA for the healthcare package

- Exploring why the process works well for pharmaceutical products may be useful when broadening its use to non-pharmaceuticals.
- The relative ease of applying the process to pharmaceutical products has to do with laws and regulations, market situation and the characteristics of these products.
- Let's look at some of these aspects and see why broadening may be a challenge.



9/7/24

Closed system for reimbursement

- Outpatient pharmaceuticals are covered in a 'closed system', which is called the Drug Reimbursement System (GVS).
- Only when an outpatient pharmaceutical is on the 'positive list', it is reimbursed. To get on the list, the manufacturer needs to **request admission**.
- Strong incentive for stakeholders to contribute to the HTA process.
- No need for policy makers to actively search for new interventions that could be made subject to HTA.



Open system for reimbursement

- Other types of care (e.g. medical devices) are part of the 'open system' for reimbursement.
- Consequently, policy makers are not 'automatically' provided with an **inventory** of subjects for assessment, let alone with **HTA dossiers** for these technologies.
- So, how to identify interventions for assessment?





enter the Horizonscan MedTech - **Objective**: proactive identification and agenda-setting PZ-signalementen (4 zorgdomeinen) Thematische agenda of new and emerging medical technological innovations in the open system •MedTech trends (=30 zorginnovaties) **KPMG** Trendwatch - **Scope**: MedTech products that Cardiovasculaire zorg (=5 zorginnovaties) Selectie domein will have an impact on the insured healthcare package in the coming years. Selectie & Prioritering technologie ·Draadloze pacemaker •Interventionele cardiale MRI Proactieve · Draadloze pacemaker agendering

Identifiable and accountable counterparty

- Many manufacturers of pharmaceuticals have the **resources** to initiate and finance the studies needed to obtain evidence on effectiveness and cost-effectiveness of their products.
- A manufacturer is typically holder of a patent which provides the exclusive right to manufacture and market this new intervention. Consequently, the expected financial revenues of reimbursement of the intervention will benefit a single, identifiable entity.



Identifiable and accountable counterparty

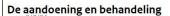
- Manufacturers in the MedTech sector are for a large part small and medium enterprises (SMEs) and may lack the resources (financial and knowledge) to produce the evidence required in a common HTA process.
- No identifiable and accountable counterparty may be present for other types of care.
- So, who will initiate and finance HTA research?





Veelbelovende zorg - Bronchiale thermoplastiek (BT) voor ernstig astma in het tijdperk van biologicals: een gerandomiseerd gecontroleerd onderzoek (BOOSTERstudie)

Via de subsidieregeling Veelbelovende zorg wordt onderzoek gesubsidieerd naar de (kosten)effectiviteit van bronchiale thermoplastiek bij volwassenen met ernstig, ongecontroleerd astma met 2 of meer exacerbaties in het afgelopen jaar, ondanks optimale therapie (inclusief een biological als zij daarvoor in aanmerking komen). Het project is gestart op 1 juli 2023 voor een periode van 6 jaar. Na afronding van het project worden de onderzoeksresultaten rond juli 2029 bij het Zorginstituut ingediend. We gebruiken deze onderzoeksgegevens om te beoordelen of deze behandeling bij de genoemde groep patiënten vergoed kan worden uit het basispakket van de zorgverzekering.



program

stma is een veelvoorkomende aandoening en is meestal goed onder controle te houde

beroerte

■ ◆ Lees voor ▶

Onderzoekers van het UMC Utrecht ontvangen een subsi van 4 miljoen euro uit het programma Veelbelovende Zor van het Zorginstituut. Het geld is bedoeld voor veelbelovend onderzoek naar motorisch herstel na een beroerte door middel van hersenstimulatie. Bij een positie resultaat komt de behandeling in het basispakket van de zorgverzekering.



'Potentially Promising Care' program

- This research program can offer temporary funding for potentially promising **interventions** that are not reimbursed from the Dutch standard healthcare package.
- Funding is only granted if high-quality research data are collected during the subsidy period which can be used in the future to assess the effectiveness and cost**effectiveness** of the intervention. (Not for R&D)
- A subsidy is granted for a **maximum of 6 years**.
- E.g. administering bacteriophages, physio and exercise therapy, medical Aids. (Not for onlabel pharmaceuticals)
- €70 million per year for total program.
- Within six months after a project has ended, Zorginstituut Nederland will use the research data to assess whether or not the treatment can be reimbursed from the Dutch standard healthcare package.

9/7/24

Product characteristics of pharmaceuticals

- Pharmaceutical interventions are often **standardised products** with clearly defined use and functioning, which are aimed at improving patients' length and health-related quality of life.
- Their effectiveness is mainly determined by the active substance, or substances, they contain.
- Consequently, when these products are correctly dosed, their **effectiveness is relatively** independent of the person administering them or the organisational context in which they are provided.



Product characteristics of non-pharmaceuticals (1/4)

First, their outcomes may be more context-dependent: personal characteristics of the care provider and the organisational context can influence how a device is used and hence the associated costs and effects.

The Use of Decision Analytic Modeling in the Evaluation of Surgical Innovations: A Scoping Review

Mirre Scholte, MSc, Maroeska M. Rovers, PhD, Janneke P.C. Grutters, PhD Value in Health / Volume 24 Issue 6 Pages 884-900 (June 2021) / DOI: 10.1016/j.jval.2020.11.020

Quality variation

Variations in outcomes due to operator, team and setting factors



Consequences for evaluation

Average clinical outcomes might be lower if a poor-performing operator, team of or setting is included, or higher if a highly experienced operator, team or setting is included.

Product characteristics of non-pharmaceuticals (2/4)

- Second, medical devices may evolve in daily practice. As a result, a device may develop
 during evidence collection, or the studied device might not be equal to its current
 version.
- In such contexts, research findings have a **lower external validity** and policy decisions may be based on outdated information.

Incremental innovation The adaptation of the technique during the innovation process

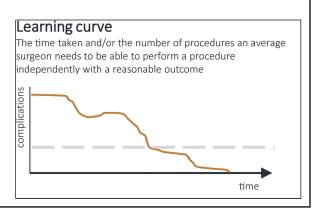
time

Consequences for evaluation

Technical specifications of a procedure might change during the research process, which influences trial outcomes over time.

Product characteristics of non-pharmaceuticals (3/4)

• Third, **learning effects** in their use add to the complexity. The (cost-)effectiveness of an intervention may improve over time due to such **individual or organisational** learning effects, raising questions about for instance optimal timing of data collection.



Product characteristics of non-pharmaceuticals (4/4)

- In long-term care, the primary goal of the intervention to be evaluated is not always
 health-related quality of life (as measured by the EQ-5D-5L) and/or life extension, but
 well-being. The aim is not always improvement, but rather (learning to) live with a
 disability or specific retention of control.
- So, how to address al these challenging product characteristics?



Guideline for economic evaluations in healthcare 2024 version

 More guidance for empirical evaluations and concerns related to non-pharmaceuticals.



6 Areas of concern

Economic evaluations for decision-making in the Netherlands must be performed in accordance with the reference case (see Chapter 1), Specific areas of concern apply to a number of situations. These areas of concern are discussed in this chapter.

6.1 Sequential elements

The use of a certain intervention

The use of a certain intervention can affect the choice of a subsequent action. For example, in diagnostics and screening, different test results can lead to different types of followuse animations and other treatment strategies. In addition, using a certain intervention can affect the effectiveness of a subsequent intervention. Sequential consequences like these must therefore be part of the economic evaluation.

For model-based economic evaluations of dispositics, where numerous successive tests are used, it is important to use conditional probabilities of feet nuctomes instead of independent on the properties of the before the properties of the properties prope

6.2 Incremental innovatio

For some healthcare interventions, incremental increasion throughout their life cycle is expected. This is not exceptional in the case of medical deviers, but it can also apply to other interventions. The intervention could be improved further during or after an economic evaluation has been performed. As a result in may be necessary to coate a dynamic model for the effectiveness and the costs. It is important that the specifications of the care intervention investigated and any assumptions about (phased) moveston are accurately reported. The effect

6.3 Learning curve

For many care interventions, such as medical devices, screening and surgical interventions, there is a learning curve which has an effect on the automes. This may have an impact on the external validity of the study results, such as when the findings of a study involving experienced users are generalled to the entire population. The opposite applies in the event that outcomes of a short-term study with inexperienced users are extrapolated over a longer time horizon. It importants that the effect of any learning curve is defined using a scenario and/or uncertainty.

6.4 Alternative outcomes

The primary aim of interventions in healthcare is not always to improve the health-related quality of life or extend the life expectancy of the patient. For some interventions, such as diagnostic tests and medical devices, effects may be achieved in terms of broader value components. [6-77] Examples include convenience for the carealows, or a reduction in the tir

Zorginstituut Nederland

ZonMW HTA methodology program

- Round 1: Methodology for valuation of incrementally developing medical technology (MedTech)
- Round 2: Methodology for valuation of technologies used within non-curative care
- Round 3: Methodology for measuring and evaluating labor input



- Estimating the (cost-)effectiveness of e-health interventions in mental health using real-world data
- W-MIC: multi-instrument comparison study for well-being measurement in the Netherlands
- Development of a multi-stakeholder outcome measure for the value of remote patient management
- New standard for assessing Mental Health QoL for youth;
 Development and Validation of the MHQoL-Y

Conclusion

Other types of care deviate from pharmaceutical products - to varying degrees.

This makes assessing them - to varying degrees - challenging.

Some solutions are there, however a lot of questions remain:

Luckily we can ask the research panel today!

Thanks for your attention!

Broadening Health
Technology Assessment
To support setting boundaries to the basic benefit package

Joost Enzing

9/7/24



VVTB: Verbeteren en verbreden van de toets op het basispakket

Karen van Liere-Visser

Inhoudelijk secretaris VVTB, VWS, directie NVTAOTGVQTZBKIEZDZGEN



Package management ...

What and why?

What does it entail?

Health Insurance Act & Long-Term Care Act Policy drivers for better package management Improving and broadening the assessment of the basic benefit package

VVTB - NVTAG - 11 april 2024

Improved and broader assessment... How? We work along three lines:



1. Clear rules

- Clear frameworks on Effectiveness, Cost-Effectiveness, Necesssity, Feasibility (also integral) for which care is insured
- In progress: Labour deployement & Sustainability
- Starting: Amending laws and regulations

VVVVTB - NVTAG- 11 april 2024



2. Everyone in his strength

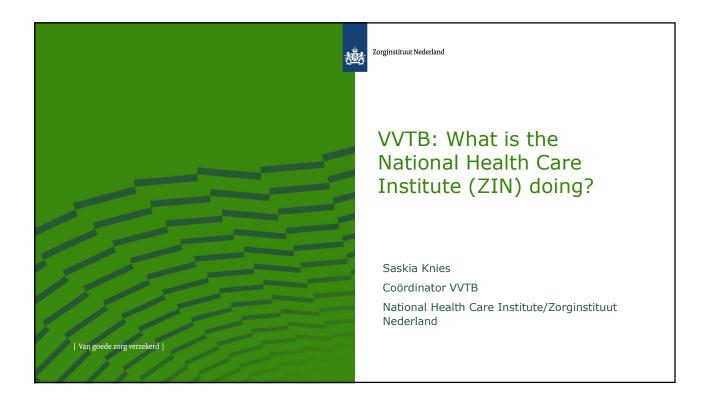
- Parties are strengthened in their role of managing the basic benefit package
- Dialogues with parties, 1 on 1 and workgroup about their role and responsibility

* ZIN: National Health Care Institute



- 3. Implementation better package management
- Improved assessment will be broader applied
- More often package advice from ZIN* AND assessment of effectiveness by parties
- Knowledge is needed: investments in more research and knowledge infrastructure, also Long-Term Care





Package management in 2024

Healthcare should be of good quality, accessible and affordable

Safeguard solidarity

Basic benefit package

- By law flexible system
- Largely an 'open' system and partly a 'closed' system
- Open system may lead to 'negative list' and closed system may lead to 'positive list'

Only smart part of basic benefit package assessed by National Health Care Institute (ZIN)

- Pharmaceuticals (outpatient and selection of inpatient)
- Interventions in hospitals/hospital care
- Physiotherapy



IZA: Covenant on healthcare between VWS and healthcare parties

- Signed in September 2022
- Who signed: VWS, healthcare professionals, healthcare providers, health insurers, municipalities, patient federation

Example of agreements made:

- Stop paying for interventions that add no value
- More evaluations of healthcare, not only of pharmaceuticals
- Use more criteria: need for staff, cost-effectiveness and sustainability
- Work together on agenda of issues with most impact
- More evidence for and adherence of clinical guidelines
- More use of shared decision making/choosing aids for patients
- Substitution from hospital care to primary care and from physical care to e-health
- Concentration of expensive/high performance care



VVTB program VWS and ZIN

- Goal: Promoting substantiation of choices about which care should be reimbursed within all healthcare sectors
- Verbeteren en verbreden toets op het basispakket (VVTB)
 - Program till end 2025
 - VWS and ZIN working together with each different tasks





For ZIN two main parts: improving and broadening

Betreft Verzoek Zorgrestfluut inzake VVTB

Geachte heer Wijma,

Geachte heer Wijma,

Passande zorg meet no en in de toeksomst beechikbaar, toegandelijk en betaalbaar jong op de de verzoek zorgrestfluut inzake VVTB

Geachte heer Wijma,

Passande zorg meet no en in de toeksomst beechikbaar, toegandelijk en betaalbaar jong fels het verbedern van de toeks op het besignelijke in betaalbaar jong fels het verdeelijke van de toeks op het besignelijke in de toeksomst beerdelijke van de toeks op het besignelijke in de toeksomst beerdelijke van de toeksomst verdeel verdeelijke van de toeksomst verdeelijke verdeelijke

What do we mean with improving and broadening?

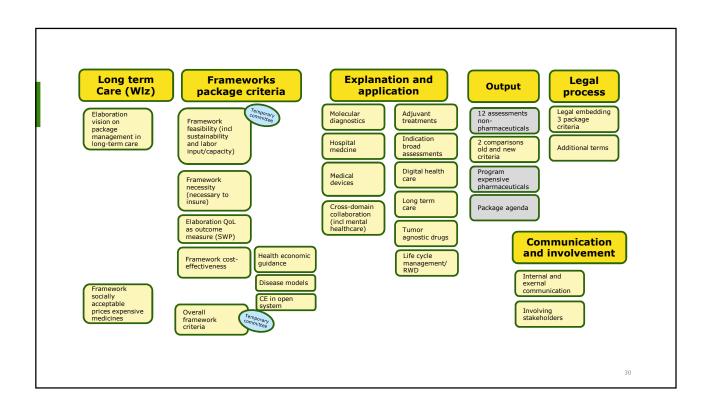
Improving (a.o.)

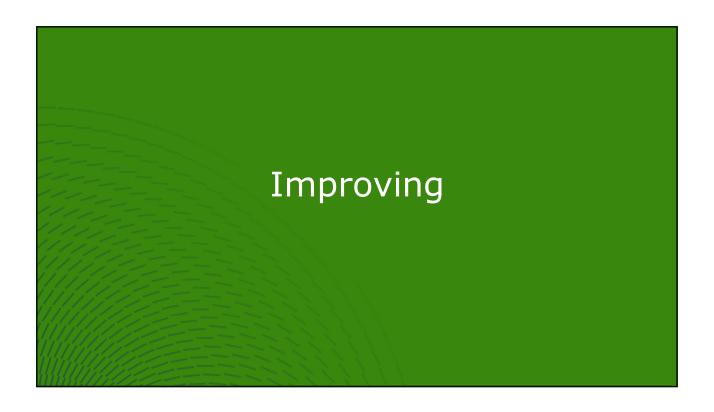
- Clarify the current package criteria (framework)
- Adding two new (sub)criteria
- Overall framework for all criteria
- Manuals for specific healthcare sectors
 - Focus on effectiveness

Broadening (a.o.)

Package management in the whole healthcare sector

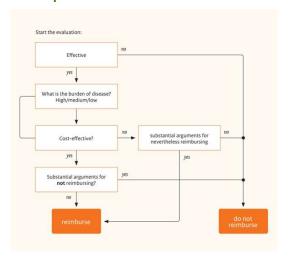
- More assessments (non-pharmaceuticals) including mental healthcare and long-term care
- Elaboration criteria for long-term care





Current criteria used in Dutch HTA process

- 1. Effectiveness (*knock-out criterion*): does the treatment do what it is supposed to do?
- 2. Necessity:
- a) is the disease serious enough?
- b) is health insurance the right instrument?
- 3. Cost-effectiveness: are the additional effects of a new treatment worth the additional investment compared to other available treatments?
- 4. Feasibility: is including a given treatment in the basis benefit package sustainable and feasible?



HTA definition from 2020

Note 3: The dimensions of value for a health technology may be assessed by examining the intended and unintended consequences of using a health technology compared to existing alternatives. These dimensions often include clinical effectiveness, safety, costs and economic implications, ethical, social, cultural and legal issues, organizational and environmental aspects, as well as wider implications for the patient, relatives, caregivers, and the population. The overall value may vary depending on the perspective taken, the stakeholders involved, and the decision context.

33

Looking at including two new criteria - why

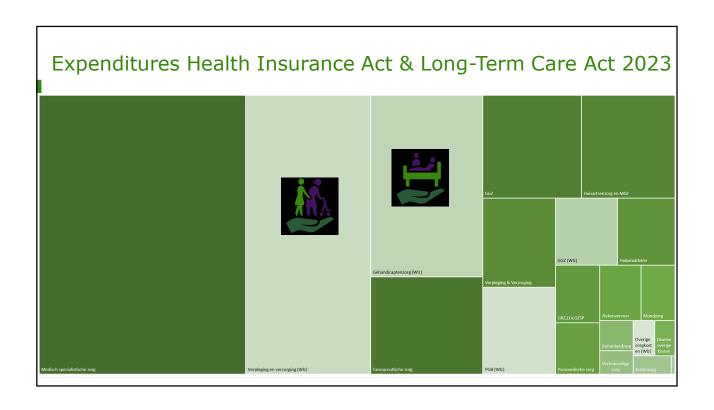
Environmental sustainability (ecologische duurzaamheid)

- Climate change has an impact on health, and healthcare has impact on climate change
- Dutch healthcare sector is responsible for 7% of CO2-emissions, 4% of waste and 13% of resource usage
- Green Deal for healthcare sector

Labour input (arbeidsinzet)

- 1 in 7 (15%) of workforce works in healthcare sector, without change 1 in 4 (25%)
- Scarcity of healthcare personal (e.g. long-term care, home care) and informal caregivers
- Healthcare staff retiring in coming years or shortly after





Broadening HTA or package management

Number of assessments done in 2023

- Approximately 50 pharmaceuticals (outpatient and inpatient)
- Approximately 10 hospital care/health insurance act
- None in long-term care

Assessments not only method used for package management

- Disputes (between health insurer and patient/client)
- Guidance (explanation of law)
- Standards (minimum requirements)

37

Ideas within VVTB on broadening

- Specifying effectiveness for healthcare sectors
 - Molecular diagnostics
 - Digital healthcare
 - Long-term Care
 - Mental Health Care
- More assessments in other sectors especially
 - Mental health care
 - Long-term care
 - Elderly care
 - Disability care (mental, physical, blind, deaf)
 - Long term mental health

Background information about long-term care

- Paid via income dependent premium from your gross salary and co-payments for users
- Total costs in 2022 around €30 billion
 - €15 billion elderly care, €9 billion disability care, €1.7 billion mental health
- Financed using care profiles (ZZP), e.g. ZZP 5 dementia without serious behavioural issues, ZZP 9 rehabilitation
- Why package management:
 - Long-term care should be accessible and available
 - Preventing ineffective care
 - Care placing disproportionate burden on people and resources
 - Care should be used appropriately and working at a reasonable price

3

Assessments in long-term care: some difficulties

Methodological challenges within long-term care:

- Heterogeneous and complex patient population
- Several factors could cause variation in care delivery: difficulty to determine effectiveness of both intervention as control
- Outcomes not always objective: quality of existence, maintaining control (regie houden) or coping with disease

Other challenges:

- Most expected added value in long-term care: more integrated care
 - Assessing organisation of care has its own challenges
- Relative effectiveness: information is limited, not so much focus of research

Core of VVTB for ZIN

- The package criteria have all been clearly developed using assessment frameworks (improvement)
- The criteria (ecological) sustainability and labor input are added to the package criteria (improvement)
- All package criteria are used across healthcare (broadening)

How:

- Develop assessment frameworks for all 4 package criteria
 - Effectiveness, cost-effectiveness, necessity and feasibility
- Temporary committee set up for advice on criteria environmental sustainability and labor input





Nederlandse Vereniging voor Technology Assessment in de Gezondheidszorg

Broadening HTA for the healthcare package		
12:30-13:00	Arrivals & lunch	
13:00-13:15	Welcome and introduction by Prof. Dr. Judith Bosmans (NVTAG)	
13:15-14:00	Policy keynote . Dr. Saskia Knies (Zorginstituut) and Dr. Joost Enzing (Zorginstituut) on a better and broader assessment of the Dutch basic benefit package (VVTB; verbeteren en verbreden toets op het basispakket)	
14:00-15:00	Methodology contest. NVTAG prize pitches by the nominees.	
15:00-15:15	Coffee break	
15:15-16:45	Research panel. Challenges when conducting HTA research in specific domains. Researchers reflecting on their HTA domain starting with a short (5 minute) presentation per researcher.	
 Dr. Thea van Asselt (UMCG) - Screening/diagnostistics Dr. Hanneke van Dongen (VU) - Physiotherapy Dr. Janneke Grutters (RUMC) - Widely applicable medtech Prof. Dr. Leona Hakkaart (ESHPM) - van Roijen - Mental health care Prof. Dr. Erik Koffijberg (HTSR) - Digital innovations 		
16:45-17:00	Awarding of the NVTAG Prize proudly sponsored by Lumanity.	
17:00-17:30	Drinks	

9/ // 24



Methodology contest

9/7/24 44





Methodology contest www.Menti.com

Code: 6124 2413

9/7/24

45



Coffee break

9/7/24



Research panel

Challenges when conducting HTA research in specific domains

- Dr. Thea van Asselt Screening/diagnostistics
- Dr. Hanneke van Dongen Physiotherapy
- Dr. Janneke Grutters Widely applicable medtech
- Prof. Dr. Leona Hakkaart van Roijen Mental health
- Prof. Dr. Erik Koffijberg Digital innovations

9/7/24

HTA in screening & diagnostics

Thea van Asselt NVTAG Spring symposium April 2024

umcg

Screening versus (?) diagnostics **The state of the stat

Pharmacol https://doi

Abstract

Background Diagnostic testing for respiratory tract infections is a tool to manage the current COVID-19 pandemic, as well as the rising incidence of antimicrobial resistance. At the same time, new European regulations for market entry of in vitro diagnostics, in the form of the in vitro diagnostic regulation, may lead to more clinical evidence supporting health-economic analyses.

Objective The objective of this systematic review was to review the methods used in economic evaluations of applied diagnostic techniques, for all patients seeking care for infectious diseases of the respiratory tract (such as pneumonia, pulmonary tuberculosis, influenza, sinusitis, pharyngitis, sore throats and general respiratory tract infections).

Methods Following the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) guidelines, articles from three large databases of scientific literature were included (Scopus, Web of Science and PubMed) for the period January 2006 to May 2020.

Bestits A total of 70 economic analyses are included, most of which use decision tree modelling for diagnostic testing for respiratory tract infections in the community-care setting. Many studies do not incorporate a generally comparable clinical outcome in their cost-effectiveness analysis: fewer than half the studies (33/70) used generalisable outcomes such as quality-adjusted life-years. Other papers consider outcomes related to the accuracy of the test or outcomes related to the prescribed treatment. The time horizons of the studies generally are limited.

Conclusions The methods to economically assess diagnostic tests for respiratory tract infections vary and would benefit from clear recommendations from policy makers on the assessed time horizon and outcomes used.

UMCG, Sector F, afdeling Gezonfheidsw Simon van der Pol (FA10), Hanzeplein 1, 9713 GZ Groningen, The Netherlands

∆ Adi





Challenges

- Lack of clear guidance/sense of relevance for HTA
 - May improve over time with MDR/IVDR?
- Time horizon should include treatment pathway up to final patient outcomes
 - Difficult to link final patient outcomes to diagnostic test
 - Who is responsible for collecting the evidence?
- QALY? Also broader values
 - · Value of knowing, spillover effects, fear of contagion/disease, etc



MUSCULOSKELETAL HEALTH AND REHABILITATION

Allied healthcare



Devices



Operating procedures



Patient follow-up and imaging



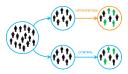


55



MUSCULOSKELETAL HEALTH AND REHABILITATION

Strong tradition of conducting clinical trials/RCTs



Children, adults, and older adults





CHALLENGES

Randomization not always possible



Manufacturers & patients sometimes resistant/hesitant to participate



Manufacturers & healthcare providers sometimes resistant/hesitant to provide unit price information





5,

NEEDS

Methods for non-randomized studies



Real-world data sources/methods



How to deal with missing intervention cost info?



How to deal with hesitancy to using EQ-5D-5L?







Janneke Grutters



Radboudumc

EUROPEAN UROLOGY 64 (2013) 361-369

available at www.sciencedirect.com journal homepage: www.europeanurology.com





Platinum Priority – Prostate Cancer Editorial by Anders S. Bjartell, Gunnar Steineck and Eva Haglind on pp. 370–371 of this issue

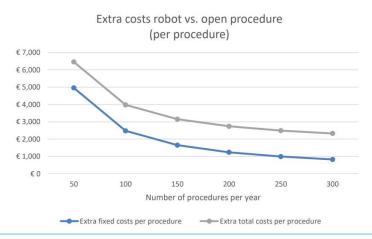
Comparative Cost-effectiveness of Robot-assisted and Standard Laparoscopic Prostatectomy as Alternatives to Open Radical Prostatectomy for Treatment of Men with Localised Prostate

Conclusions: Higher costs of robotic prostatectomy may be offset by modest health gain resulting from lower risk of early harms and positive margin, provided >150 cases are performed each year. Considerable uncertainty persists in the absence of directly comparative randomised data.

Craig Ramsay b, Robert Pickard a,*

Radboudumc

Higher utilization = more cost-effective?



Patel et al, BMJ Surg Interv Health Technol 2021

Radboudumc

Challenges

- Costs depend on utilization (e.g. indications, number of patients, learning curve, ...)
- Benefits depend on context (e.g. indication, position in pathway, learning curve, ...)
- Benefits often other (broader?) than survival or quality of life
- Sunk costs of empirical research
- Incremental innovation

Radboudumc

Needs

- Awareness that it is not possible to determine the value of widely applicable technologies
- In need of flexible tools to facilitate flexible analyses
- Technology-specific HTA?
- Optimization vs. assessment

Radboudumc



Background

- High prevalence and incidence of mental problems
- · High societal burden
- Inefficient care
- Adults and children
- HTA challenges

Erafus,

HTA methodology

- · Somatic care
- · Societal perspective
- · eHealth interventions
- Tools

Erasmus School of Health Policy

Fragues

Ezafus,

Tools

- iPCQ
- TiC-P
- · Decision tools
- MHQoL & MHQoL-Y
- Wellbeing instrument-Y

Ezafus,

Challenges

- Improve quality and cost-effectiveness of mental health care
- Evidence based
- · Societal perspective
- Tools (costs & effects)

Ezafus,

Save the date 13 December 2024!

- What: HTA symposium on mental health; taking a societal perspective
- Where: Erasmus University Rotterdam: Het Paviljoen (from 11.30 hours)
- Chair Prof. Werner Brouwer, speakers e.g. Prof . Jan van Busschbach, prof Loes Keijzer (KNAW prize winner)
- · Including lunch
- Inauguration lecture Prof. dr. Leona Hakkaart (16.00 hours)

Ezafus,

Invitation symposium HTA & mental health

· hakkaart@eshpm.eur.nl

Ezafus,



Technology Assessment of Digital Health Innovations

Erik Koffijberg

NVTAG Spring Symposium

Broadening HTA for the healthcare package

UNIVERSITY | Health Technology OF TWENTE. | & Services Research

Digital health innovations

Digital remote care (ICT)



Self-management (wearables, apps)



Home monitoring (sensors)



Personalized care (data & AI)



Algorithms processing data: input to output



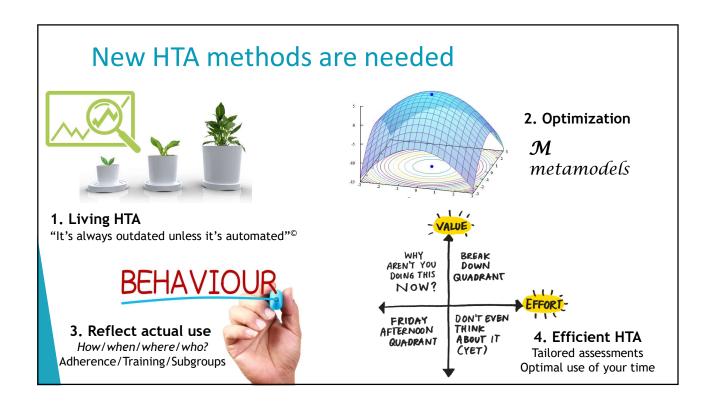




HTA of digital innovations

Challenges

- The continuous rapid updating of innovations
 - The black box nature of some algorithms (AI)
- 2. Optimal conversion of output to recommendations (e.g. risk thresholds)
- 3. Optimal visualization of results and recommendations (GUI)
- 4. The unprecedented development speed





Research panel

Challenges when conducting HTA research in specific domains

9/7/24



Nederlandse Vereniging voor Technology Assessment in de Gezondheidszorg

Broadening HTA for the healthcare package		
12:30-13:00	Arrivals & lunch	
13:00-13:15	Welcome and introduction by Prof. Dr. Judith Bosmans (NVTAG)	
13:15-14:00	Policy keynote . Dr. Saskia Knies (Zorginstituut) and Dr. Joost Enzing (Zorginstituut) on a better and broader assessment of the Dutch basic benefit package (VVTB; verbeteren en verbreden toets op het basispakket)	
14:00-15:00	Methodology contest. NVTAG prize pitches by the nominees.	
15:00-15:15	Coffee break	
15:15-16:45	Research panel. Challenges when conducting HTA research in specific domains. Researchers reflecting on their HTA domain starting with a short (5 minute) presentation per researcher.	
 Dr. Thea van Asselt (UMCG) - Screening/diagnostistics Dr. Hanneke van Dongen (VU) - Physiotherapy Dr. Janneke Grutters (RUMC) - Widely applicable medtech Prof. Dr. Leona Hakkaart (ESHPM) - van Roijen - Mental health care Prof. Dr. Erik Koffijberg (HTSR) - Digital innovations 		
16:45-17:00	Awarding of the NVTAG Prize proudly sponsored by Lumanity.	
17:00-17:30	Drinks	

9/7/24





And the winner is ...

9/7/24