

**NICE**

**Medical Technologies Advisory Committee  
and HealthTech Connect**

Dr Teik Goh

MBBS MSc DIC DCH DGM FRCGP

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# **NICE Medical Technologies Advisory Committee**

# The Medical Technologies Evaluation Programme (MTEP)



Established in 2009

Responsible for producing advice and guidance on novel, innovative medical devices and diagnostics for NHSE



To encourage uptake of innovative medical devices and diagnostics

Medical technologies in rapidly changing landscape

- Limited scope for evidence generation – SMEs

# Medical Technologies Advisory Committee



MTAC is the independent committee function for the MTEP. MTAC considers the evidence of **clinical and cost effectiveness** for a medical technology in order to produce recommendations on its adoption and use in NHSE

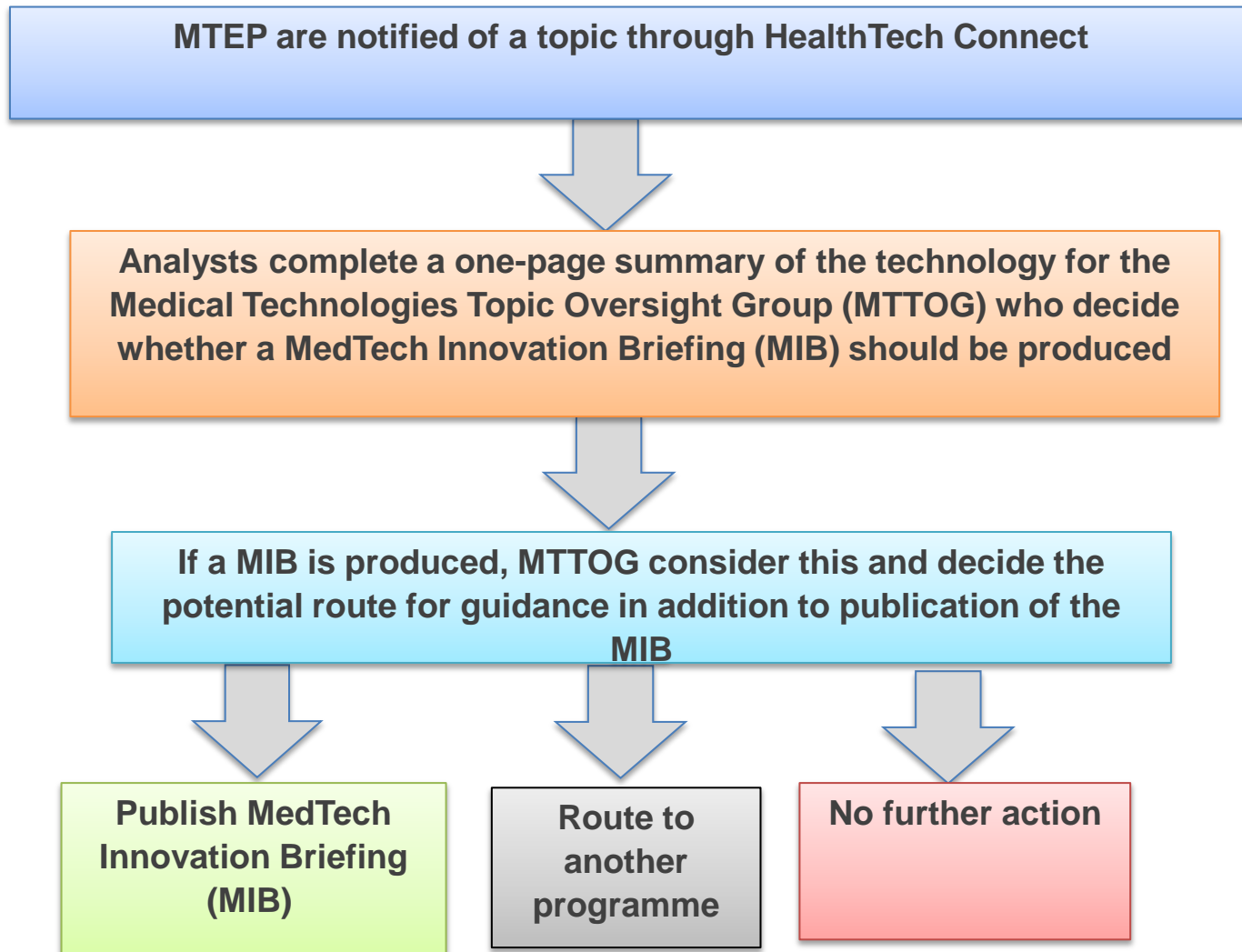


MTAC evaluates medical devices and diagnostics which are:  
- **at least as good** as the alternative they are intending to replace and;

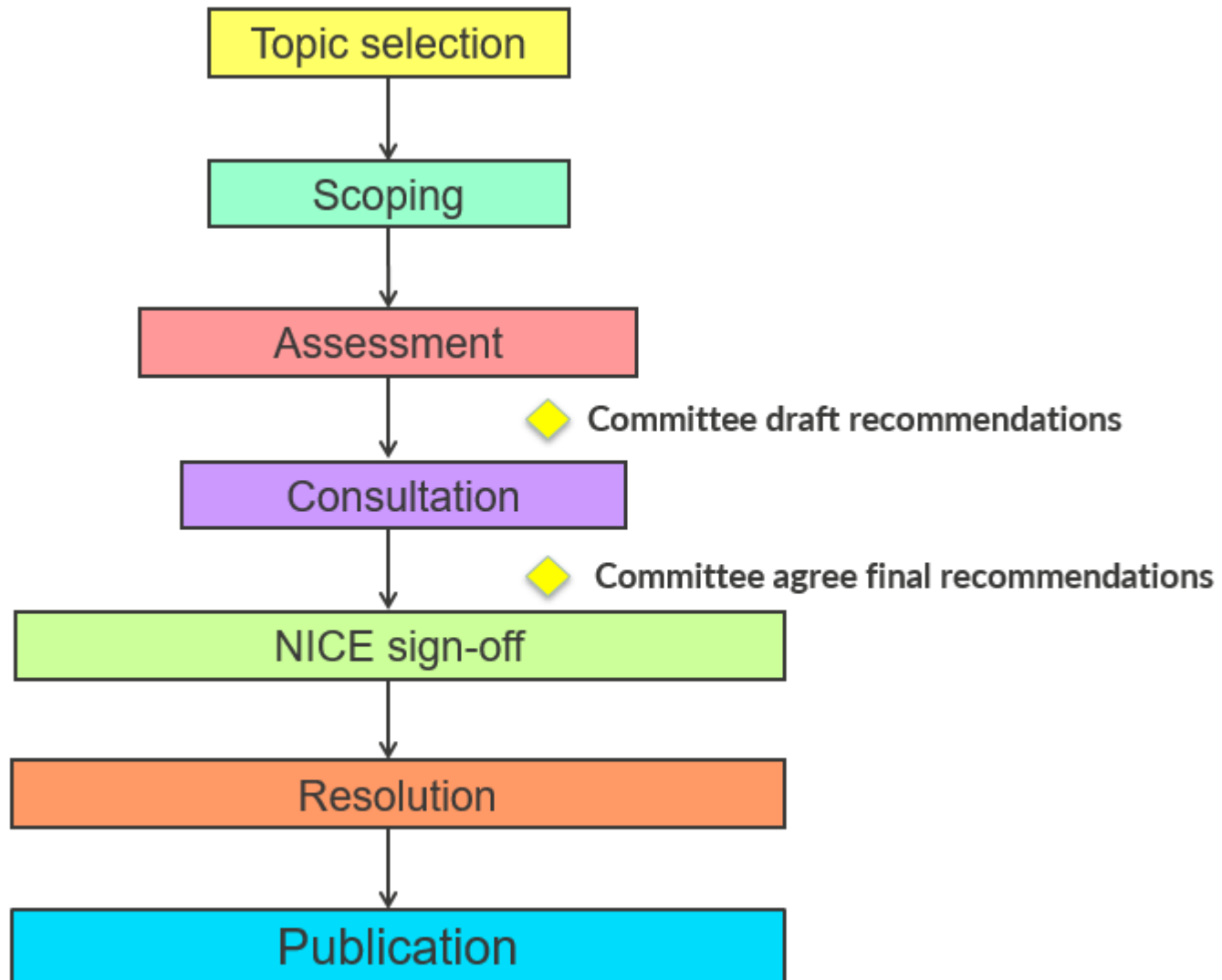


- **cost releasing** for the NHS (*namely the costed benefits of the treatment are expected to at least offset any increase in cost from using the technology under evaluation*).

# Routing of Medical Technologies to MTAC



# MTAC guidance production process



# Cost modelling: Cost-consequence analysis

## Cost model - examples

Acquisition costs

System savings (eg  
change in setting)

Running costs eg disposables  
or concomitant treatment

Reduced costs of improved  
health outcomes

Staffing costs

Improved ease of use or  
patient acceptability

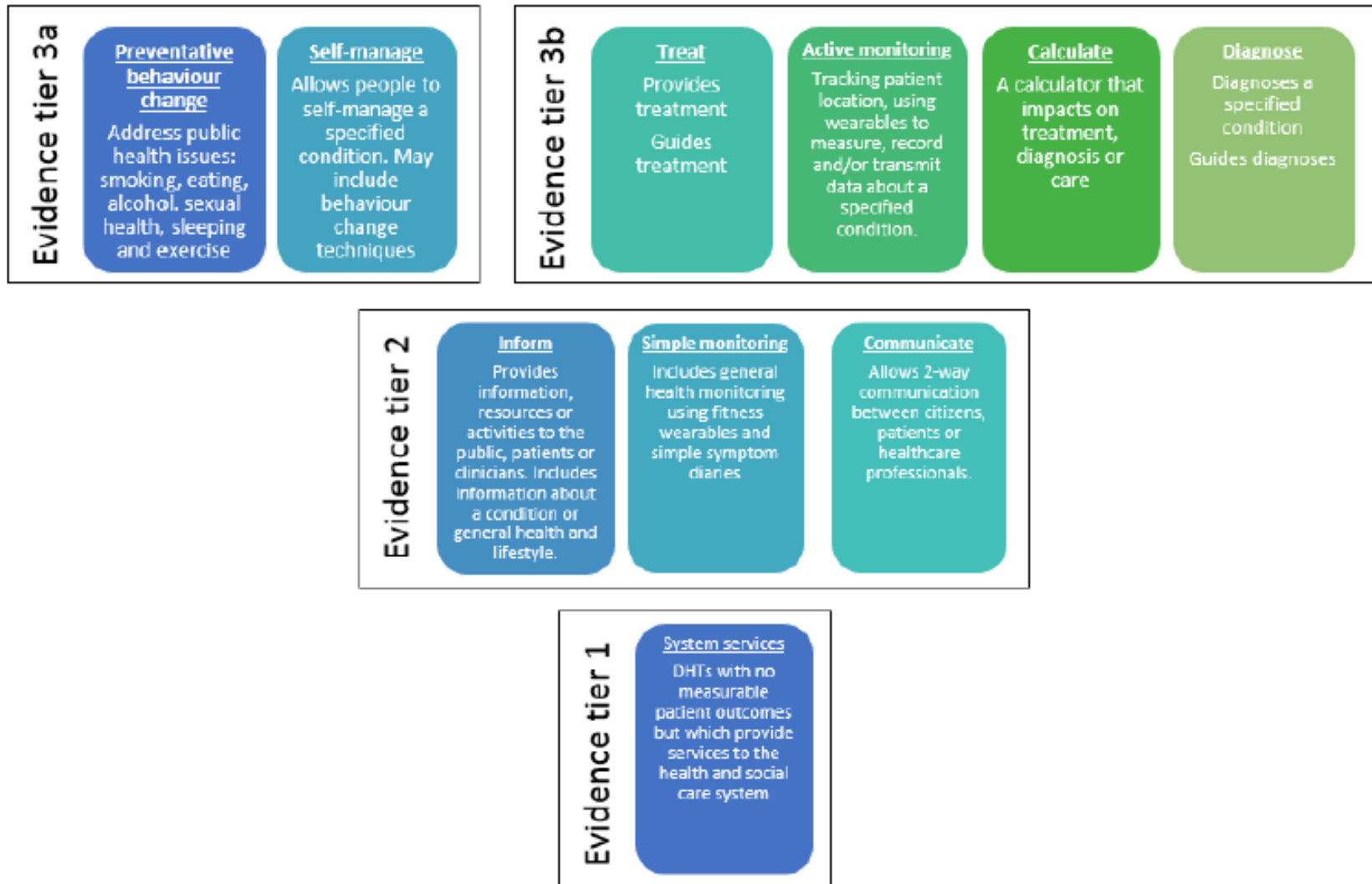
# Digital Health Technologies

## Evidence standards framework for Digital Health Technologies (DHTs)

- Produce a trusted and respected set of standards on what evidence to demonstrate clinical effectiveness and value for money
- *Aimed at:*
  - **Technology developers**, including commercial organisations of any size, when considering the appropriate evidence-generation plan for a DHT.
  - **Research funders** and **investors** who are considering funding the development of DHTs.
  - **Evaluators** and others, including **commissioners**.

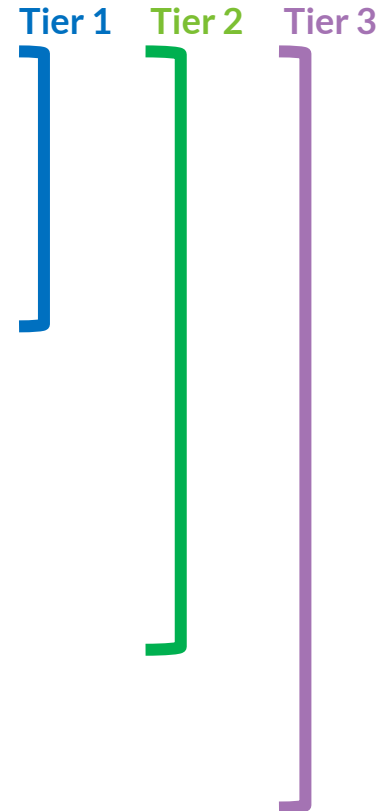


# DHTs Evidence Standards



# Standards cover multiple types of evidence

- Credibility with UK health and social care professionals.
- Relevance to current care pathways in the UK health and social care system.
- Acceptability with users.
- Equalities considerations.
- Accurate and reliable measurements (if relevant).
- Accurate and reliable transmission of data (if relevant)
- Reliable information content.
- Ongoing data collection to show usage of the DHT.
- Ongoing data collection to show value of the DHT.
- Quality and safeguarding.
- Demonstrating effectiveness.
- Use of appropriate behaviour change techniques (if relevant).



# Digital Health Technologies

- Develop new **NICE Digital Health Evaluation Programme**
  - 4 pilot evaluations planned for 2020-21
  - These technologies will be considered by MTAC for guidance development
- Focus on supporting adoption of the standards
- Work on feedback from stakeholders on future development priorities

# NICE HealthTech Connect

**BETA** This is a new service - your [feedback](#) will help us to improve it.

## Supporting the development and adoption of health technologies with measurable benefits

- Identifying and nurturing innovation
- Raising the profile of transformative technology
- Prioritising value-driven technologies for national evaluation

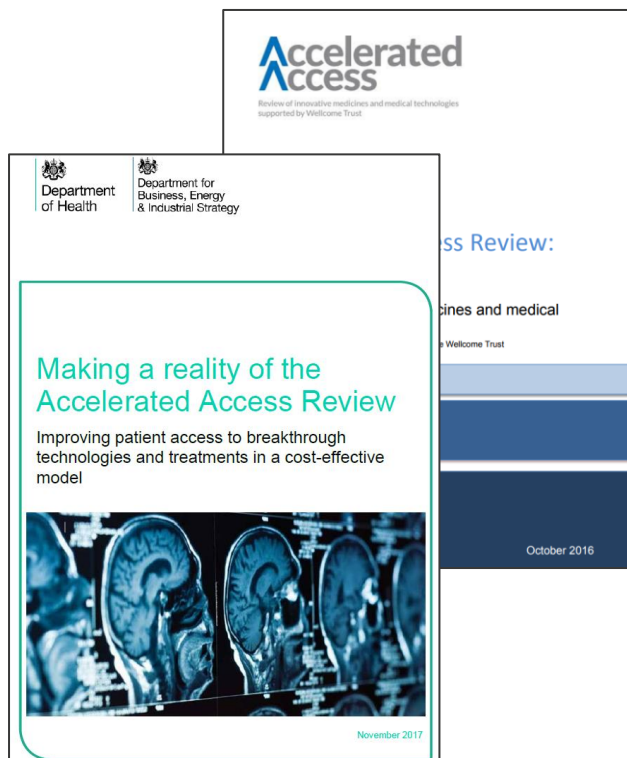
### How it works

- Click the Get Started button to start the [registration process](#)
- Answer questions about your technology
- Access advice and support
- Control which [approved Accessor Organisations](#) you share your data with

Get Started

Cookie Policy

# HealthTech Connect: Background

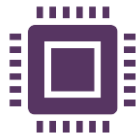


- Difficult to identify MedTech as it develops
- No authoritative database/registry exists
- AAR called for an overhaul of the processes that support MedTech

# HealthTech Connect: Online



Repository of key information about devices, diagnostics and digital health technologies that Accessor Organisations can view



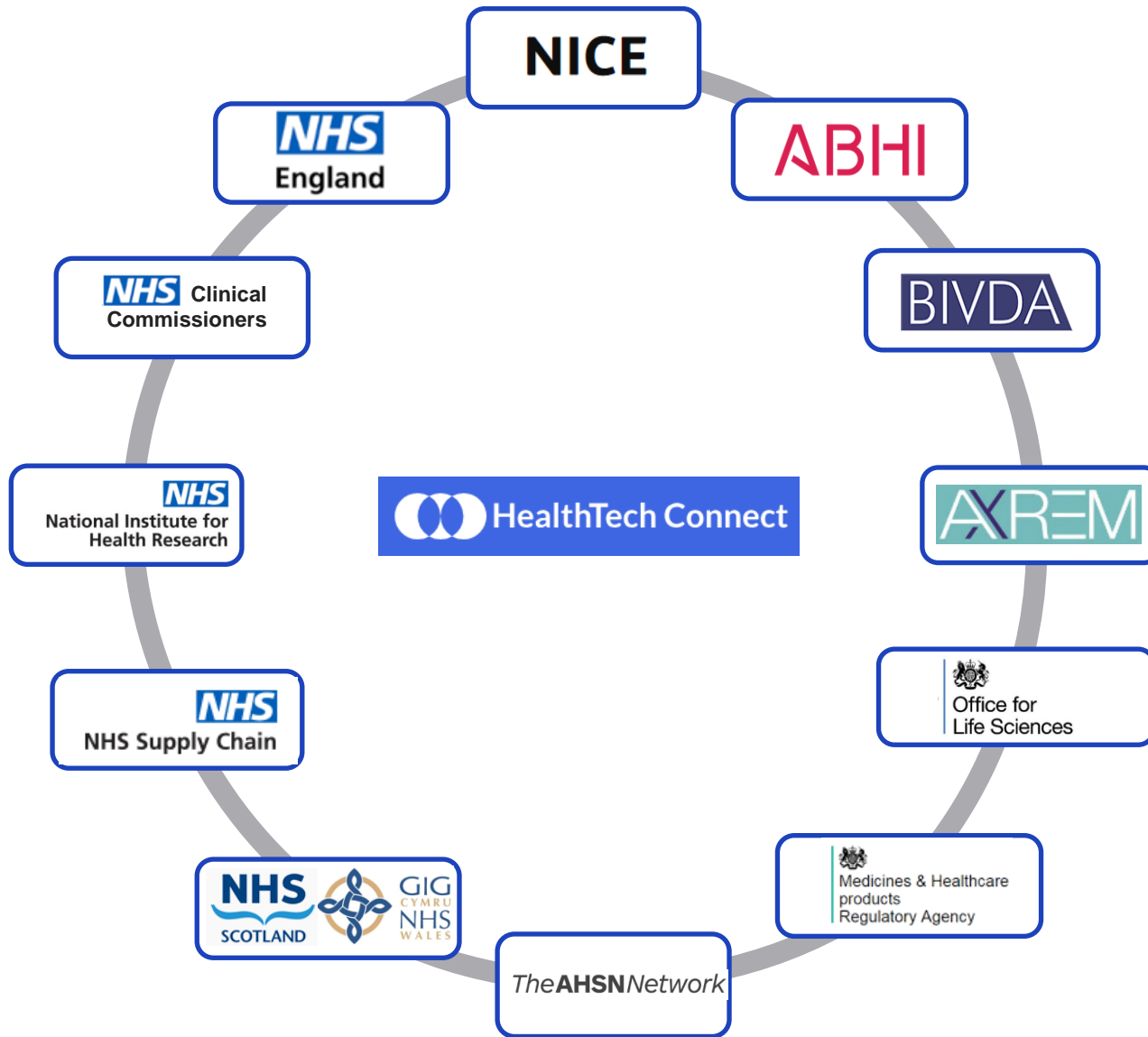
Companies are data inputters - they respond to questions about their technologies

Developed and hosted by NICE  
[www.HealthTechConnect.org.uk](http://www.HealthTechConnect.org.uk)

It's free for them to use



Aims to reduce duplication, improve horizon scanning, and support development of health technologies



# HealthTech Connect

- It's a secure online system developed by NICE
- Relevant for technologies that have measurable additional benefits in comparison to routine practice
- It's not a catalogue of all health technologies
- Relevant for technologies at any stage of development
  - Idea
  - Prototype
  - Ready for launch
  - Launched (and used) in UK



# HealthTech Connect

- Launched in April 2019
- 14 accessor organisations
- 400 companies have registered
  - including 8 of the top 10 MedTech companies
- More than 84 technologies submitted so far
- NHSE and NHSI MedTech funding mandate consultation report due Spring 2020
- DHSC Guidance: Code of conduct for data-driven health and care technology 2019

# Thank you

Email: [teik.goh@nhs.net](mailto:teik.goh@nhs.net)

# HealthTech Connect - How does it work?

- It isn't mandatory for companies to use
- HealthTech Connect does not assess or validate data submissions
- Data will be made available to accessor organisations
- Each accessor organisation will do their own checks on the data in accordance with their usual processes.
- Data will be accessed in line with the accessor organisations existing processes:
  - Variable time scales
  - Variable 'responsiveness'

# HealthTech Connect - Who has access?

- Data Inputter must share data with some Accessor Organisations (e.g. SHTG, NICE MTEP, NHSE)
- Data Inputter can choose which other Accessor Organisations to share data with (e.g. NHS Supply Chain, AHSNs, NICE Scientific Advice)
- The full list of Accessor Organisations and type of access they have can be seen at <https://www.healthtechconnect.org.uk/approved-accessor-organisations/>