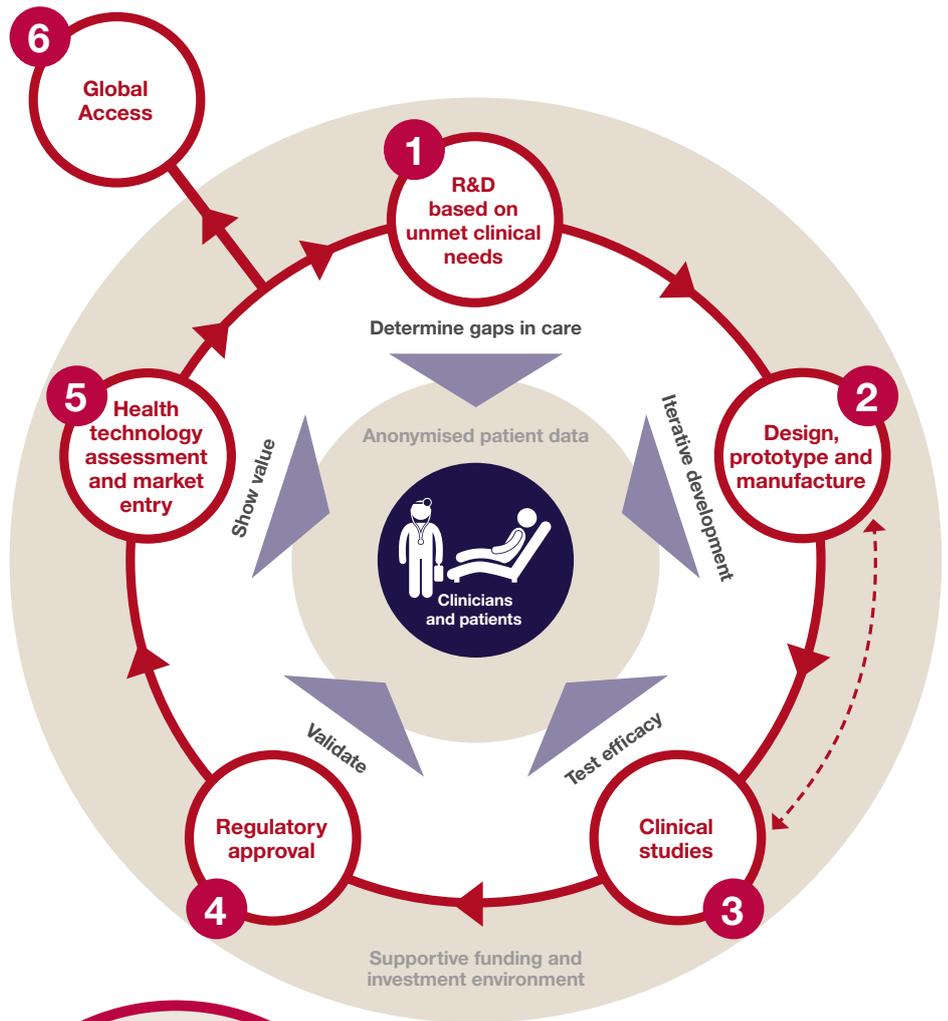




# The UK Advantage - Medical Technology

- 1** ■ Access to a single healthcare market of over 60 million patients
  - Longitudinal and cohort data
  - Connection to innovative researchers
- 2** ■ National medical engineering centres of excellence
  - Rapid prototyping through the High Value Manufacturing Catapult
- 3** ■ Dedicated infrastructure and partners
  - World-class evidence development of clinical utility
  - Disease specific and general clinical research networks
- 4** ■ Home to the globally respected regulator the MHRA
  - CE marking in Europe can get business' products to patients 2-3 years ahead of the USA and 5 years ahead of Japan
- 5** ■ Home to NICE
  - World leader in health technology assessment, early adoption and market entry
  - Academic Health Science Networks (AHSNs) facilitating access to the NHS
- 6** ■ Establish new UK and international connections
  - Maximise global potential with new business opportunities
  - Launch pad to Europe and all international markets



**Funding initiatives**

- Low corporation tax: falling to 20% by 2015
- R&D tax credits for SMEs with up to 33% back on R&D spending
- The Patent Box offering 10% rate of corporation tax on all profits

**INNOVATION IS GREAT BRITAIN**

## 1 R&D based on unmet clinical needs

### ■ Access to a single healthcare market of over 60 million patients

The National Health Service (NHS) is the largest unified healthcare system in the world, treating almost 1 million patients on a daily basis.

### ■ Longitudinal and cohort data, product positioning and care pathways

Clinical Practice Research Datalink (CPRD) enabling observational studies, clinical trial feasibility and protocol optimisation, and post-market surveillance.

### ■ Connection to innovative researchers across disciplines of engineering, physical, social, medical, and digital sciences

Innovate UK stimulates technology-enabled innovation and its Knowledge Transfer Partnership (KTP) can help businesses through the development of collaborative partnerships with the UK's world class universities, colleges and research organisations.

## 2 Design prototype and manufacture

### ■ National medical engineering centres of excellence

The Wellcome Trust and the Engineering and Physical Sciences Research Council are in partnership, funding four Centres of Excellence in Medical Engineering in the UK.

### ■ Leading medical device design firms

UK medical technology companies benefit from a comprehensive supply chain.

### ■ Rapid prototyping through the High Value Manufacturing Catapult

The High Value Manufacturing Catapult can help businesses work with leading scientists and engineers to transform manufacturing ideas into valuable products and services.

## 3 Clinical studies

### ■ Dedicated infrastructure and partners for device and diagnostic studies, enabled by data

NIHR Office for Clinical Research Infrastructure (NOCRI) enables businesses to demonstrate the clinical performance of medical technology at pace.

The Devolved Administrations (DAs) offer single access points into each of their respective research infrastructures - Scotland: NHS Research Scotland, Wales: National Institute for Social Care and Health Research and Northern Ireland: Health and Social Care Research and Development.

### ■ World-class evidence development of clinical utility

NIHR Medical Device and Diagnostics Industry Partnerships for evidence development.

### ■ Disease specific and general clinical research networks available

NIHR Clinical Research Network (CRN) supports set-up and delivery of medical technology research studies across a range of disease and clinical areas, for instance, diabetes and orthopaedic.

## 4 Regulatory approval

### ■ Home to the globally respected regulator the MHRA and its dedicated Innovation Office

The Medicines and Healthcare products Regulatory Agency (MHRA) follows the EU wide Medical Devices Directive, providing an effective and robust decentralised approval system. The MHRA Innovation Office helps organisations who are developing innovative medicines, medical devices or novel manufacturing processes to navigate the regulatory processes.

### ■ CE marking in Europe can get business' products to patients 2-3 years ahead of the USA and 5 years ahead of Japan

The MHRA has an obligation to process clinical investigations in 60 days but often achieves it earlier.

### ■ Strong UK leadership in evolution of EU and world-wide regulation to support 21st Century products

The Integrated Research Application System (IRAS) is a UK-wide system that streamlines the process for applying for permissions and approvals.

## 5 Health technology assessment and market entry

### ■ Home to the National Institute for Health and Care Excellence (NICE)

The National Institute for Health and Care Excellence (NICE) produces independent, authoritative and evidence-based guidance on the most

effective ways to prevent, diagnose and treat disease and ill health, reducing inequalities and variation.

### ■ World leader in health technology assessment and early adoption and market entry

NICE's Medical Technologies Evaluation Programme identifies medical technologies that have the potential to offer substantial benefit to patients and/or to the NHS and are likely to be adopted more consistently and more rapidly if NICE develops guidance on them.

### ■ Academic Health Science Networks (AHSNs) facilitating access to the NHS

The AHSNs provide a network aimed at facilitating the adoption and dissemination of innovative technologies. They are the first point of contact for companies wishing to enter the UK market with a device which has already attained a CE Mark.

## 6 Global access

UKTI's Life Sciences Organisation (LSO) can help you work with and establish new connections in the UK. Our network of specialists in the UK and in our British Embassies and Consulates overseas can offer you practical advice, support and access to new global business opportunities.

[www.gov.uk/ukti/lso](http://www.gov.uk/ukti/lso)

Twitter: @UKTI\_LSO

Email: [lifesciences@ukti.gsi.gov.uk](mailto:lifesciences@ukti.gsi.gov.uk)



To find out more, scan this code with your smart phone  
[www.gov.uk/ukti](http://www.gov.uk/ukti)  
+44(0)20 7215 5000

UK Trade & Investment is the Government Department that helps UK-based companies succeed in the global economy. We also help overseas companies bring their high-quality investment to the UK's dynamic economy. We provide companies with the tools they require to be competitive on the world stage.