



The UK is home to a world class healthcare & life sciences ecosystem.

- We recognise the challenges and opportunities of an ageing population and are harnessing our ecosystem towards solutions.
- DBT is supporting trade and investment opportunities across the Healthy Ageing pathway.



Department for
Business & Trade

**Early intervention products and therapeutics
for Healthy Ageing
Linda Magee
23 November 2023**



The UK's Life Science Strategy identifies Healthy Ageing as one of four advanced research areas



The UK is also keen on sharing its expertise overseas and learn from other countries...

UK Government is still committed to ensuring that people can enjoy healthy, independent years of lives



The NHS Long Term Plan is developed specifically to support people as they get older





National Health Service

NHS Northern Ireland

1.9 m people



60,000 employees

Health & Social Care Boards

5 Health & Social Care Trusts

5 local commissioning groups

NHS Scotland



5.5 m people

161,415 employees

7 Special Health Boards

14 NHS Boards

£192 billion



Department of Health & Social Care

The NHS represents c.80% of UK's healthcare market

NHS Wales

3.2 m people



84,000 employees

7 Local health boards

3 NHS Trusts

NHS England (NHSE)

56.3 million people (85%) 

1.2 million employees

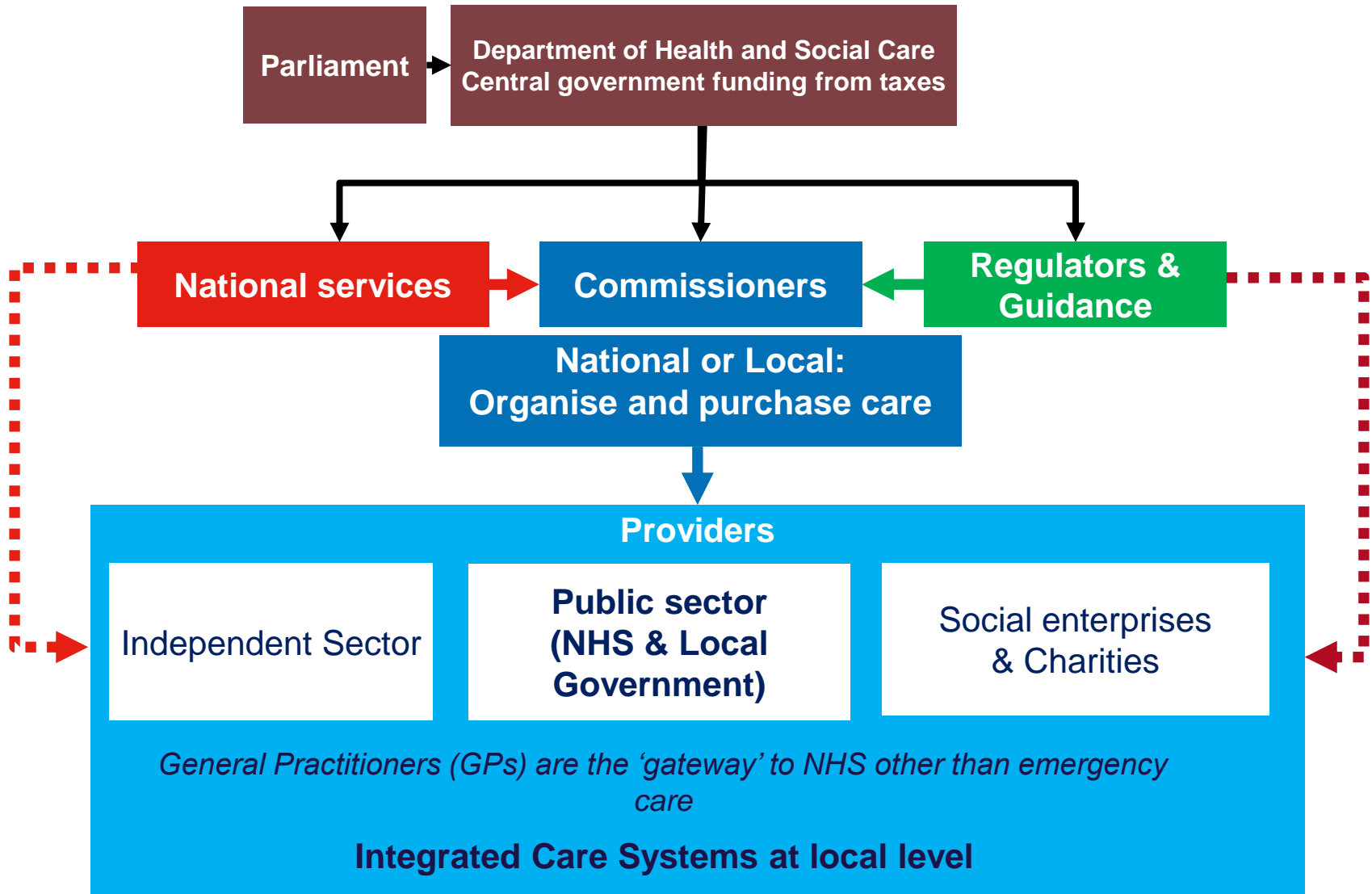
42 Integrated Care Systems

219 NHS Trusts





System Overview (England)



Supporting Care at home: Virtual Wards (NHSE)



Create **Virtual Wards**, equivalent to district general hospital (around 500 beds each), in each ICS by 2025.

- Care at home rather than hospital.
- 'Hospital at Home': remote monitoring using apps, technology platforms, wearables and medical devices and
- face-to-face care from community based multi-disciplinary teams

Initial priorities:

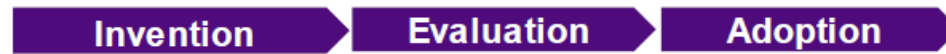
- Acute respiratory infections
- Frail then adding Other high-volume pathways such as COPD and heart failure.

Install **electronic patient records** at every NHS trust (must cover 90 per cent of NHS trusts by December 2023)

- Plus 80 per cent of social care settings to have digital care records by March 2024



Health Innovation Ecosystem



Early phase clinical research

Late phase clinical research



NHSE Transformation Directorate Digital; Innovation, Research & Life Sciences; Health Education



Health Innovation Networks

Regulators & Guidance

LMDBT2023



Market Access: Selling into the NHS

Medicines:

1. MHRA is regulator for market access authorisation
2. NIHR support clinical studies for regulatory authorities
3. NICE evaluates benefit to patients and affordability for NHS allowing for reimbursement
4. The Commercial Medicines Unit, within NHSE, manages national procurement frameworks for licenced medicines in England.
5. Medicines are delivered in hospital, community and home setting and dispensed in hospitals and community pharmacies.

MedTech:

1. MHRA is regulator for market access authorisation (UKCA mark)
2. NIHR support clinical studies for regulatory authorities
3. NICE evaluates benefit to patients and affordability for NHS and assesses all guidance to understand which technologies meet the criteria for the MedTech Mandate on an annual basis
4. Various routes exist to sell to the NHS
 - Direct to Trusts or Primary Care
 - NHS Supply Chain
 - National Frameworks
 - Government or NHS Contracts (includes Local Authorities), see 'NHS family' e- tendering portal:

All products and services can potentially benefit from the Innovation Pathway and Accelerated Access Programme via the **NHS Innovation Service** at:
<https://innovation.nhs.uk/>