



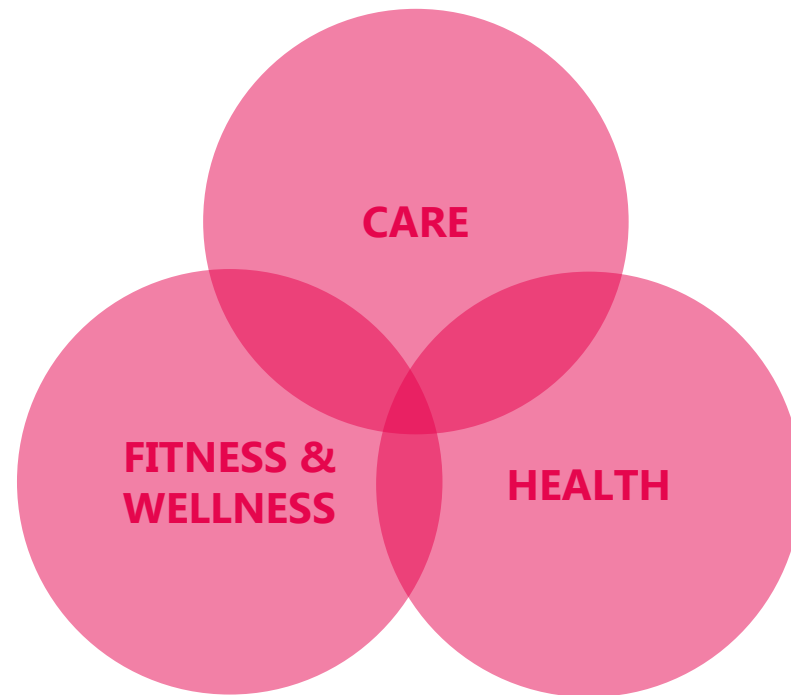
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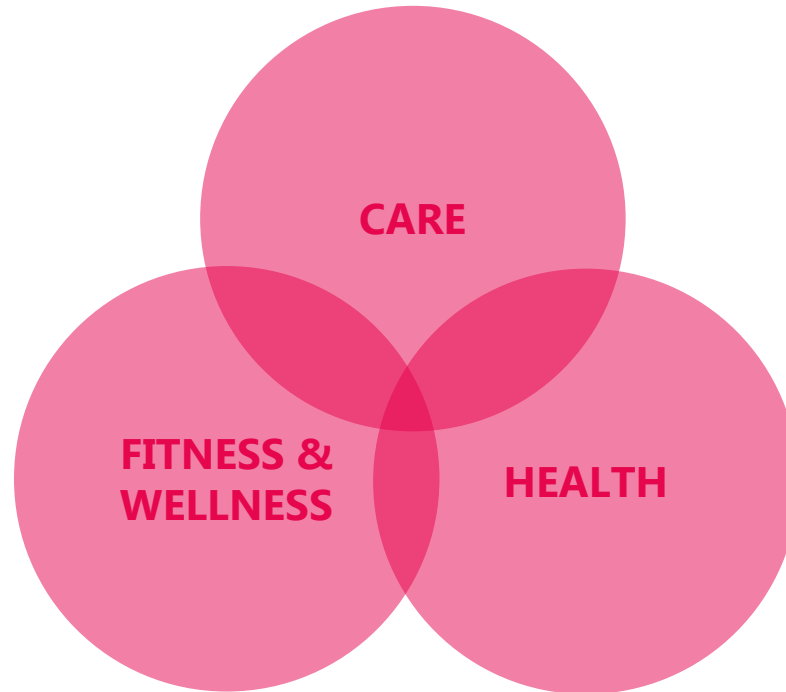
HealthTech for Life

Using technology to put people at the heart of care

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1

Prevention
through
screening &
identification of
at-risk
populations

2

Wellness &
Monitoring
through
Wearables

3

Treatment and
management of
disease

4

Communication
&
Personalisation

CHOICE CONTROL PERSONALISATION

Not a Tech Plan... But Tech Heavy

5 Big Bets

- AI to drive productivity
- Data to deliver impact
- Genomics and Predictive analysis
- Robotics to support precision
- Wearables to make care 'real time'

Specifics

- NHS App
- Healthstore
- Virtual care
- Health Data Research Service
- Ambient Voice Technology

FIT FOR THE FUTURE

10 Year Health Plan
for England



Technology as an Enabler

- › Better care by freeing up clinical time
- › Improved experience for patients
- › Better communication
- › More control and choice
- › Care closer to home
- › Personalised care



Technology both needs data and provides data

Single Patient Record

Patient-Centred & Controlled

Patients can view, contribute, and manage consent via NHS App.

Comprehensive Integration

Real-time, federated access across GP, hospitals, community, mental health, social care, and pharmacy.

Bi-Directional Updates

Clinicians and patients can edit care plans and share updates instantly.

Standards & Interoperability

Built on NHS Digital standards (FHIR), ensuring seamless data exchange.

Security & Governance

UK GDPR compliance, audit trails, and local data control.

Benefits

Improves safety, reduces duplication, supports population health, and enables research.



Opportunities Exist Now

AI and Data Analytics: Predictive care and population health management.

Genomics and Precision Medicine: Personalised treatments at scale.

Wearables & Remote Monitoring: Continuous health tracking to enable early intervention and support virtual wards.



Fundamentals

Patient Trust

IT infrastructure

Interoperability

Data Quality and Standards

Workforce capability and capacity

Leadership

Partnership and Ecosystem Working



Challenges to Overcome

Procurement Complexity: Long sales cycles and fragmented decision-making

Digital Inequality: Risk of excluding patients without digital access

Interoperability Issues: Many NHS systems still lack seamless integration

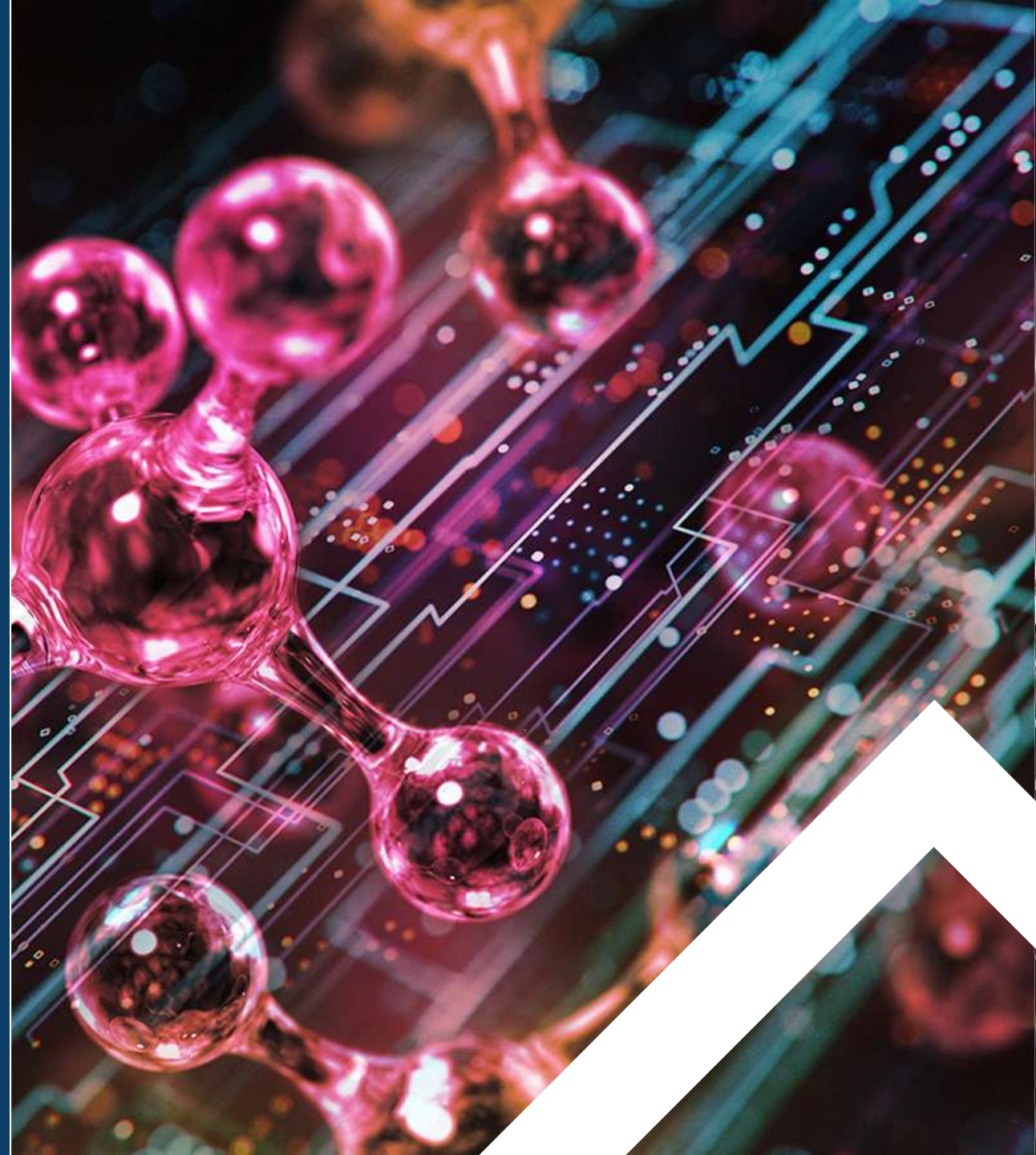
Workforce Readiness: Need for training and cultural change to adopt new tech

Governance and Compliance: Navigating DTAC, data security, GDPR/DPIA, and clinical safety standards can slow adoption



Health Tech is an engineering discipline

- Breakthroughs in physics, computing, material science and data science
- Changing patterns of disease and demographics
- Citizen expectations and social shifts
- Digital capabilities
- Crisis-driven innovation







THANK YOU
