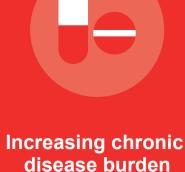


From Theory to Implementation

October 2022 MLR ID: 243766

Global healthcare trends^{1, 2}











Improving the health

of the population



experience of care



Quintuple aim of healthcare^{3, 4}

Population health management aims to improve population health



Ensuring staff and carer well-being

What is population health What is population

Population health management is:

management (PHM)?4



will benefit most

Data-driven



Collaborative

What is necessary for execution of PHM?

design

Reduce health inequalities Focus on the social determinants of health as

Proactive over

reactive care

Improve the physical and mental health

outcomes of the entire population

health (PH)?5

Aims to:

well as clinical care

PH-focused healthcare should prioritise:







on health outcomes, quality

of care and economic

efficiency to continuously

improve care.

Patient-centred care

over episodic care

Data analytics to improve Introduction of new care the quality, efficiency and models to reduce inequalities





Insights



care systems⁶

NHS priorities and reforms to support

Interventions

and improve the quality and

efficiency of care through a

movement towards more

proactive, patient-centric care.

PHM implementation Sustainable transformation 2022/23 NHS priorities and partnerships -> integrated operational planning guidance⁸ Goals:

for the safe and effective use of Patient engagement and between population health patient data personalisation of care stakeholders, as well as By July 2022: ICSs to become increased local autonomy and Collaboration between health responsibility for resources statutory and social care providers By March 2023: UK to reach 60% of adult registration for the NHS app.

1 Integrated care systems (ICSs)

to allow greater collaboration

NHS England's 2014

5-year Forward View

Focus on improving:

Prevention efforts

Sustainability and

Transformation Partnerships⁶

Movement from the traditional siloed care mode

Increased local

collaboration

between providers,

commissioners,

2014 |||||||||||| 2015 |||||||||| 2016 |||||||| 2017 ||||||| 2018 |||||||| 2019 ||||||| 2020 ||||||||| 2021 ||||||| 2022

NHS Long Term Plan⁷

of greatest health need

covered by ICS

entirely digitised

By **April 2021**: England fully

By 2021/22: Systems in place

to support PHM in every ICS

By 2024: Secondary providers

During **2019**: PHM solutions to be deployed to understand areas

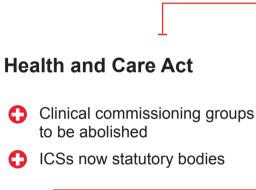
Goals:

By April 2023: Every system to have the technical capabilities for PHM

By **June 2022**: ICSs create plans for

skills, systems and data safeguards

NHS



Integrated

care board

Commissioning

services and

accountable to

NHS England

INTEGRATED CARE SYSTEM

Integrated care

partnership

Bring together

partners to care

for the needs of

the population





care & other key stakeholders

Mindset

Reliance on reactive,

not proactive care

Patient mistrust of data sharing

Short-term political mindset

Health care professional

workload pressures



Regulation Slow moving regulation and health technology assessment hindering the realisation of innovations within the health system

Ethical issues and unplanned

consequences of technologies,

such as impacts on health system



With continuous monitoring

and adaptation, implement

policies to regulate the

minimum acceptable privacy

and security standards for

data collection, storage, and analysis



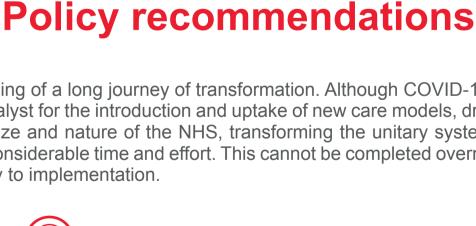
Conduct workshops with

specific teams from

different ICS to discuss

and analyse past and

current challenges



scientists as well as application of digital up-skilling those already innovations for managing working within the NHS population health data

Invest in the future

generation of data

Investment in infrastructure

Generate peer-reviewed

literature around the

Transparency and communication



Focus on increasing public awareness and understanding of data-sharing policies, in terms of their risks

and benefits to individual

Increase investment

into machine learning

technologies and their

potential impact



with alternate system-

wide options

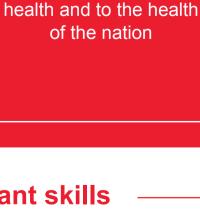


Introduce regular communications to NHS

workers, showing potential impact of PHM for their

practice and workload

Consider re-working or refining existing policies to suit key health system objectives and population health better



Link ICS datasets with key economic metrics to facilitate evidence creation of healthy populations'



References

impact on the economy

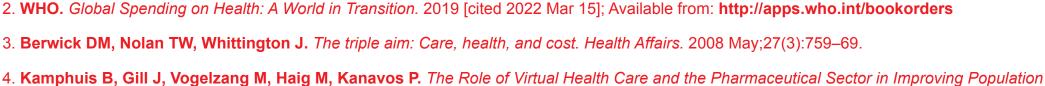


Examine currently used performance metrics for their relevance to today's health system and replace



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