

### What digital health means for us?

Tracey Johnson, CEO
PHN Commissioning Showcase March 2022

#### Acknowledgement

We acknowledge the Aboriginal and Torres Strait Islander peoples as the traditional owners of the lands and pay our respects to their culture, their leaders and the insights they can offer us around transition in our ever evolving and increasingly connected world.



### **Presented by**Tracey Johnson



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- Health service researcher
- Churchill Fellow
- Committees Deputy Chair of AIHW
   Primary Care Advisory Group, Health Care
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   Patient Registration Working Group
- Co-founder Cubiko
- Author, facilitator, advocate

#### Overview

1

Discuss the digital health landscape and drivers for change

2

Describe the role of PHNs in fostering digital health maturity

3

Outline the challenges for practices embracing digital health

#### Data is the new currency

Fraud

Medical knowledge

Artificial intelligence

Risk stratification

Population management

Personalised medicine

#### **Patient Registration**



CONTINUITY OF CARE



COORDINATION OF CARE



ACCOUNTABILITY FOR CARE



FUNDING FOR TEAM BASED CARE

#### **Data Exchange**

Primary Health Insights

**LUMOS** 

The Viewer

Co-Commissioning

Risk and Reward Sharing

Commercial data

Security risks

## Digital Health for Patients

Patient data streams

Clinical data streams

Patient access to and control of data

Patient self-management supports

Digital literacy and readiness

Links between the health and social care systems

#### **Digital Health for Clinicians**

#### Augmentation and automation will see:

Data within workflow

Shared care planning

Triangulation of data

Data analysts

Virtual care

Value based care

Genomics

Public reporting



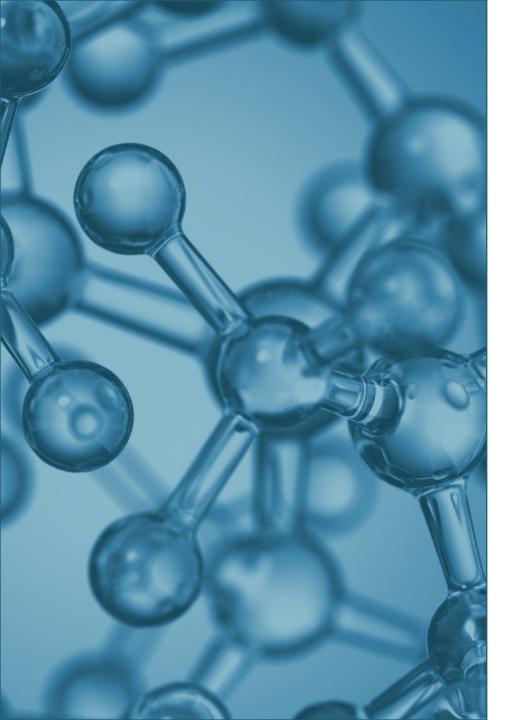
## Three trends shaping healthcare workforce planning

Technology will transform healthcare workforce and staff requirements. Is the NHS prepared?

#### **Digital Staffing Impact**

By 2031 in the NHS:

- 17.1% of what nurses do will be automated
- 15.3% of nursing work will be augmented
- 25-35% of administrative work will be automated
- 40% of finance work will be automated
- Planning for new roles and new skills is critical
- Planning for diversity will be more urgent
- Managing change and stress



#### **Data Frameworks**

Data quality

National standards

Minimum datasets

Interoperability standards

Cloud based data

Accreditation

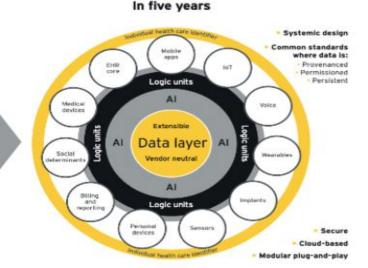
Primary care research

#### **Tipping Points**

- Open EHR
- Advanced analytics
- Accountability
- Transparency
- Productivity growth

# Enterprise | Data | Da

Present: Many systems all with intimately bound data logic and applications



Future: A cohesive technology stack, giving a unified experience for clinicians, professionals and patients; unique data at the center accessed by applications in real time through micro-services

#### PHN Roles

Data quality reporting

Digital maturity assessments

Digital enablement

Feedback on transformation steps

Software as service subscriptions

Creating software density

Facilitating co-design inclusive of digital health

Promoting My Health Record

Educating patients regarding virtual care

Addressing the digital divide



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