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National E-Health Transition Authority  
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# **eHealth and change: a national perspective**

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# eHealth innovations



- eHealth foundations such as Identifiers
- National standards for eHealth solutions
- Personally controlled electronic health records system
- 5<sup>th</sup> Pharmacy agreement
- Pathology agreement
- New MBS items for Telehealth

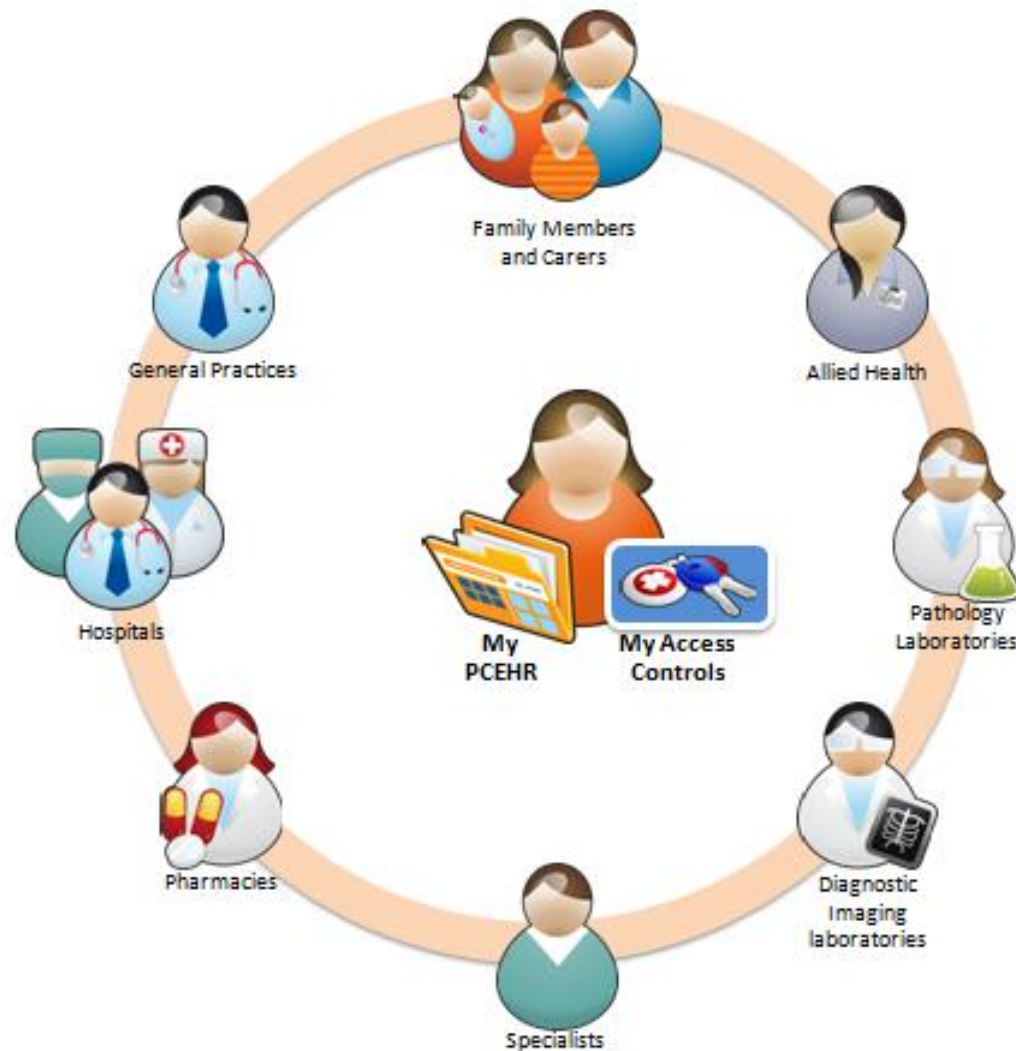
<b>Personally Controlled Electronic Health Record</b>	Clinical Information	Individual Information	Shared Information	[Others]
<b>E-Health Services</b>	Shared Health Profile	Events Summaries	Self Managed Care	Complex Care Management
<b>E-Health Solutions</b>	ePathology	eDischarge	eReferral	eMedications
<b>National Infrastructure Components</b>	Terminology	Secure Messaging	Identifiers	Authentication

## Vision for the PCEHR



- The national PCEHR system aims to place the individual at the centre of their own healthcare
- Individuals will be able to choose whether or not to have a PCEHR
- Individuals will have greater involvement in their care

# What is the PCEHR?

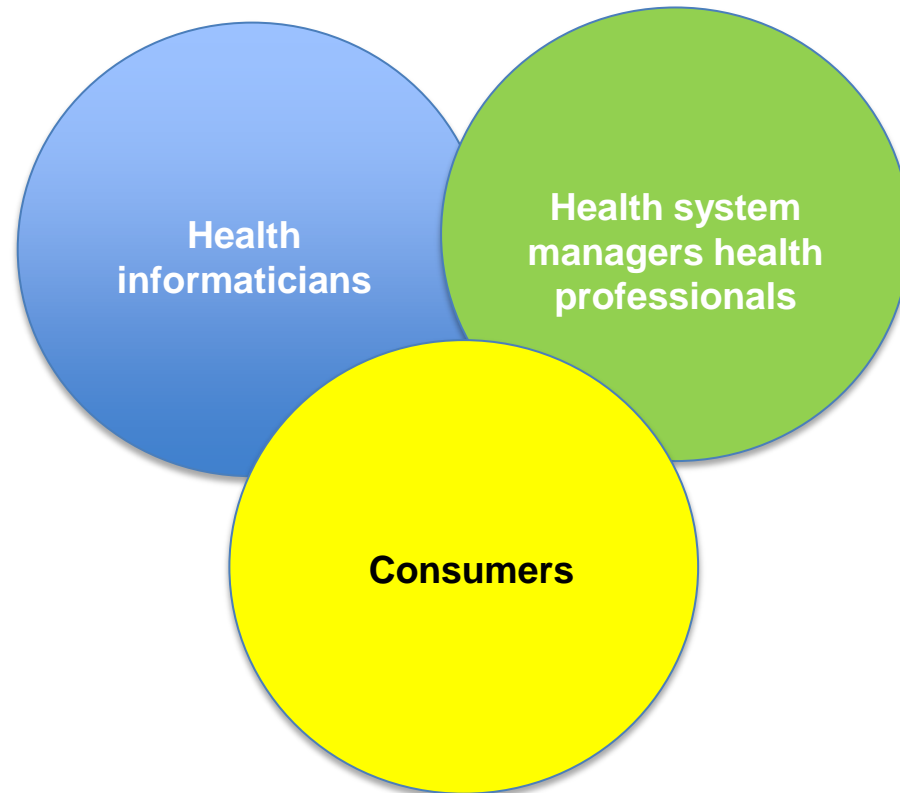


# Sustaining change on the ground



- Change is not a one-time event
- In order to sustain change we must:
  - ✓ Engage
  - ✓ Communicate
  - ✓ Educate
  - ✓ Leverage learnings
  - ✓ Evaluate
  - ✓ Adapt

# Education directions at NEHTA



# PCEHR programme partners



## National Change and Adoption partner

- **McKinsey and Company** consortium

## Benefits Evaluation partner

- **PricewaterhouseCoopers** consortium

## National Infrastructure partner

- Negotiations underway with preferred tenderer

# eHealth Standards



NEHTA works with the Standards Community to:

- Use standards where they exist
- Adapt where necessary
- Develop where standards are missing

# International eHealth Standards



- HL7 International and HL7 Australia
- Information and exchange platforms - HL7v2, HL7v3, CDA
- Service Aware Interoperability Framework (SAIF)
- 2011 International WGM Sydney
- International Health Terminology SDO (IHTSDO)
- AMT compatible Snomed CT Medicines Model
- LOINC/Snomed CT Integration
- IHTSDO/WHO agreement on ICD-10/11
- Multi-national IHTSDO Workbench
- Standards Australia IT14 Health Informatics
- Data types and structures
- Electronic Health Record (EHR) requirements
- Risk management for Health IT networks
- Conformity Assessment support

# eHealth Standards



- HL7 International and HL7 Australia
- International Health Terminology SDO (IHTSDO)
- Standards Australia IT14 Health Informatics

# Why CDA?



- **HL7v3 CDA** is designed to represent packages of clinical content delivered in a clinical transaction, and is a key enabler for infrastructure such as the PCEHR
- **HL7v2** supports end-to-end clinical transactions and captures the context and behaviour of interactions, supporting clinical work flows

# Transition to CDA Support



- CDA is not a replacement for HL7v2 but rather an adjunct to existing capabilities
- HL7v2 and CDA will co-exist and also be supported independently
- A transition to CDA support can follow a variety of paths
  - Transport reuse
  - Information structure
  - Tooling

Thank you

Questions

