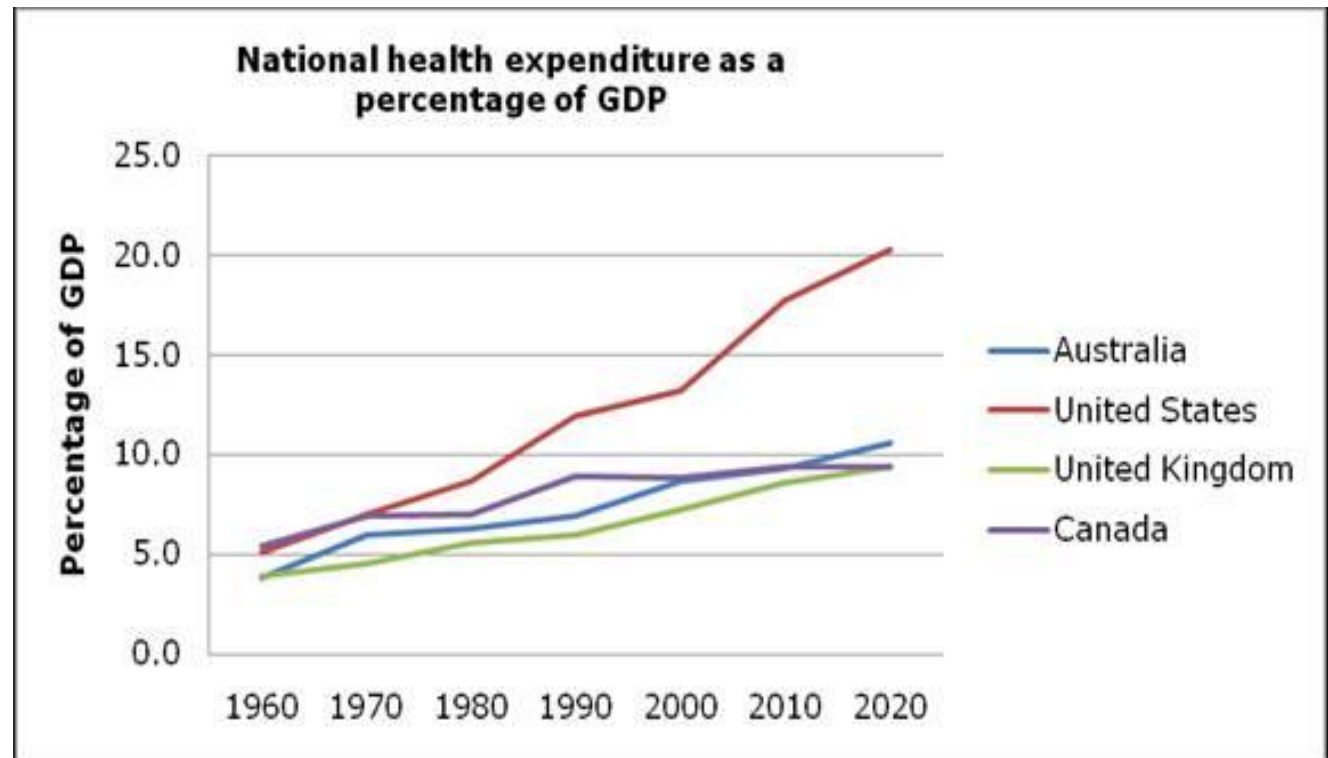


# **eHealth in Australia – what is eHealth and how will it impact labs in the future**

**Dr Peter Garcia Webb**  
**NEHTA Clinical Lead**  
**12 October 2011**



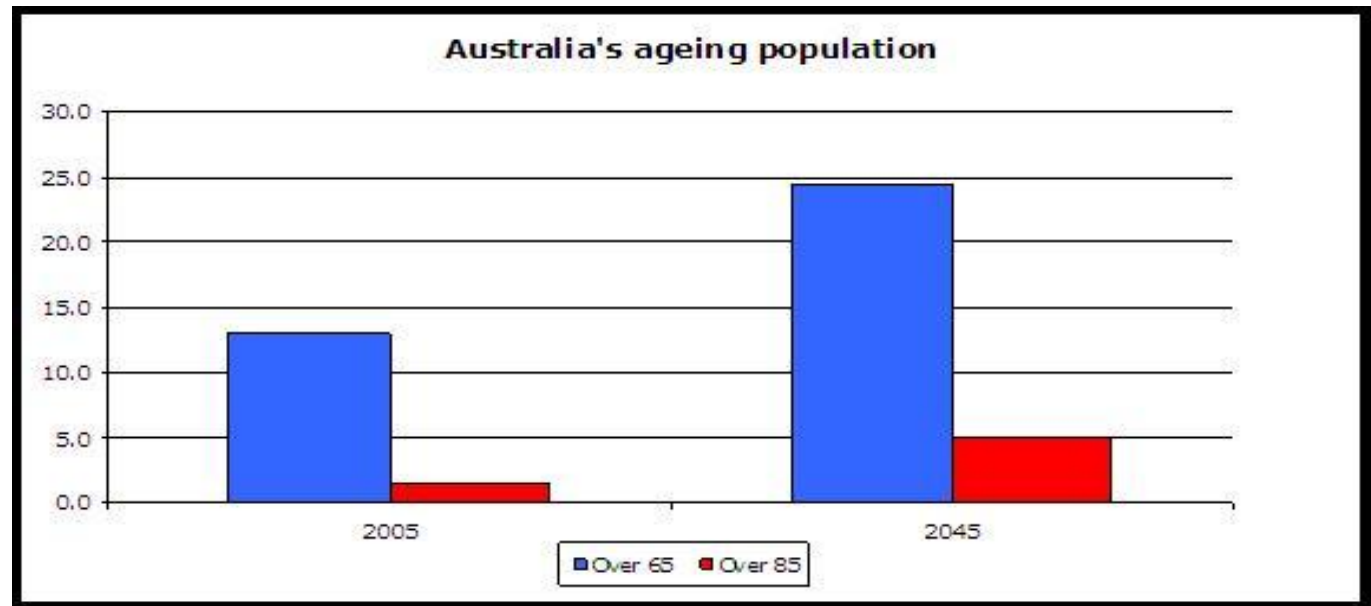
# Healthcare is a major part of the Australian economy



# Australia's ageing population



Australia has a world class health system. But, as Australians get older the system will struggle to keep up.



# Facts



Up to 18% of medical errors occur as a result of inadequate availability of patient information.

Almost two million Australians experience an adverse drug event each year and approximately 138,000 of these end up in hospital.

53% of medication mistakes are considered 'definitely preventable' and 30% of unplanned hospital admissions in those over 75 years have been associated with medication mistakes.

# Facts

Up to 35% of referrals to hospital are inappropriate.

10% of all GP consults are with a patient the doctor has never seen before.

It is estimated 25% of clinicians' time may be spent collecting data and information.



# NEHTA's purpose



Lead the uptake of eHealth systems of national significance; and coordinate the progression and accelerate the adoption of eHealth by delivering urgently needed integration infrastructure and standards for health information

Established and funded by the Australian, State and Territory governments

# NEHTA's place in eHealth

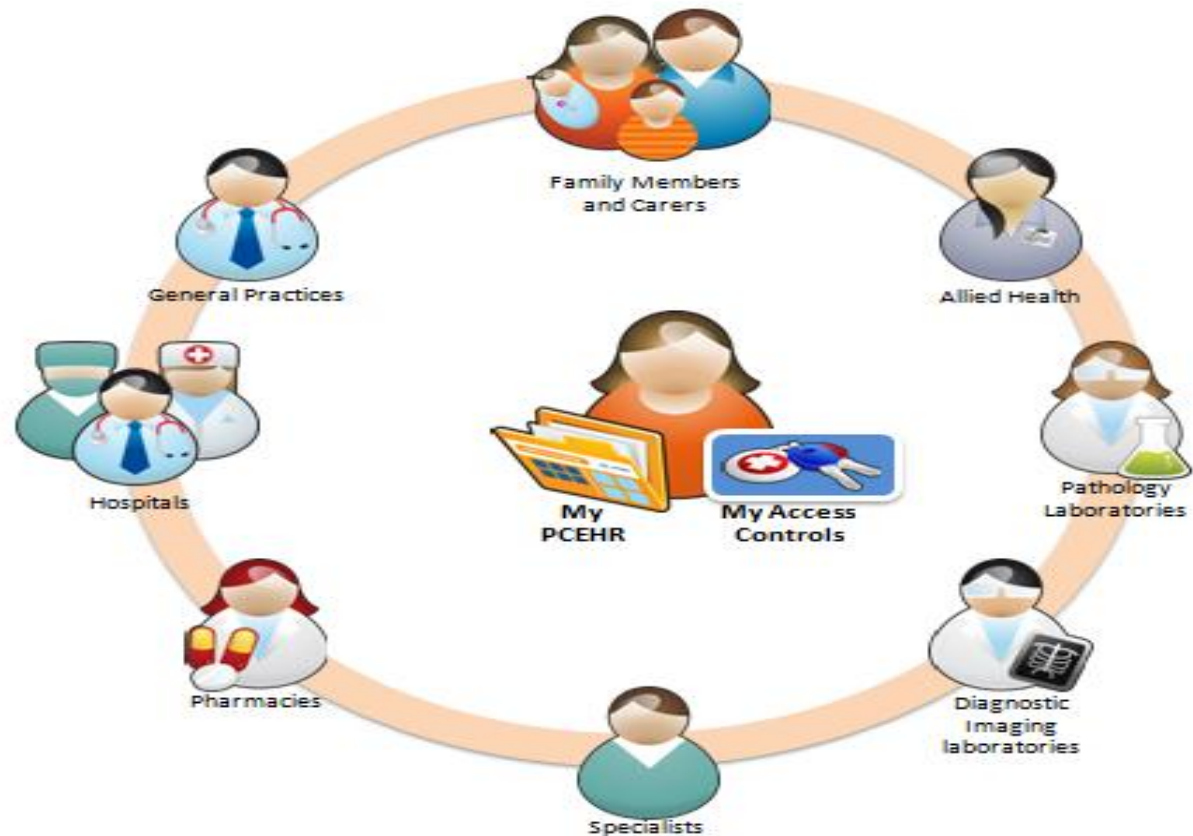
- Increasing involvement in implementation sites
- Managing agent for PCEHR
- Support integration of eHealth
- National eHealth infrastructure



<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

# The Personally Controlled Electronic Health Record

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# Current Content – July 2012



- Health Summary
- Event Summary
- Discharge Summary
- Medicare Data (MBS, PBS, ACIR, ODR)
- Consumer Data
- Personal Health Diary (Not Shared)
- Advanced Care Directives (Custodian)
- Medicines & Adverse Reactions
- Support for Diagnostic Reports
- Specialist Letters
- Prescription and Dispense Notices

# Shared Health Summary Information: Who / What?



Medical Practitioner

Registered Nurse

Aboriginal Health Worker

- Continuing coordinated care
- Agree to create SHS
- Review and agree with patient before upload

# Shared Health Summary Information: Content



- Individual [patient]
- Source of Shared Health Summary
- Allergies and Adverse Reactions
- Medicines
- Medical History
- Immunisations
- Document Control

# Event Summary Information



- Individual [patient]
- Event Details
- Event Summary Author
- Allergies and Adverse Reactions
- Medicines
- Diagnoses
- Interventions
- Immunisations
- Diagnostic Investigations
- Observations
- Document Control

# eHealth is here (what can you do)

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- Healthcare Identifiers Service commenced operation July 2010.
- Look at practices in your organisation – e. g. data quality practices, security protocol guidelines.
- Gain an understanding of the intent and scope of the PCEHR
- Talk to the software vendors of your patient administration systems
- Start considering what it will mean for your organisation and patient care
- Discuss with your colleagues

# eHealth for Practitioners



Online short course for allied health professionals

Module Outline:

1. Providing Health Services in the Digital Age
2. eHealth Foundations
3. eHealth Solutions
4. Making the Transition to eHealth
5. eHealth in Practice

Register online: [www.psychology.org.au](http://www.psychology.org.au)

# It's happening now

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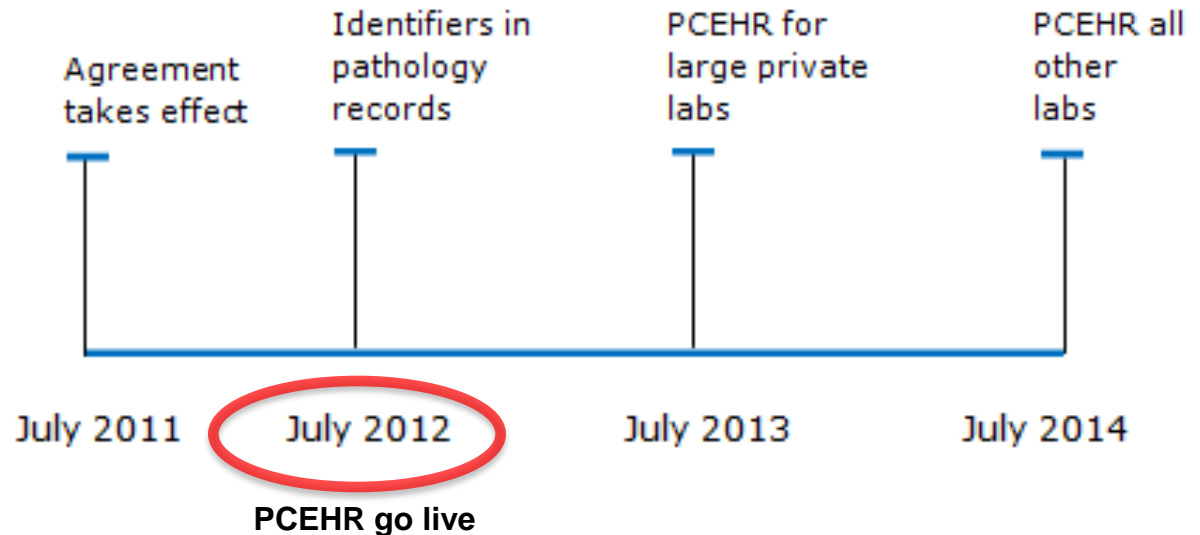


- More than 1,184,000 Individual Healthcare Identifiers in use across Australia.
- More than 730,000 GP patient records have been matched in 370 GP practices in Brisbane North, the Hunter and Melbourne East.
- WA, NSW, SA, VIC, QLD and ACT are using the National Product Catalogue
- VIC has started using Australian Medicines Terminology
- NT is using Secure Messaging Delivery and ACT will use it as part of its product and inventory control system

# Pathology Funding Agreement (Stream 1)



## Pathology industry timeline under the Agreement



## Update on activity (Stream 1)



- Solution design workshops with the three Pathology Industry co-signatories.
- Supporting RCPA work around terminology
- Diagnostic Services Reference Group feedback:
  - Comfortable with overall design
  - Clear recognition of June 2013 timeline

## Pathology Funding Agreement (Stream 2)

Consultations involving RACGP, pathology industry co-signatories, NEHTA and NPS have considered what's needed to get Stream 2 up and running.

NEHTA will:

1. support the profession to develop agreed guidelines for decision support
2. support the profession to reflect those guidelines in Clinical Decision Support Systems
3. support incorporation of new functionality into improved requesting in GP desktop solutions

# Where to from here?

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- Significant opportunities for healthcare organisations to improve efficiency and effectiveness through eHealth
- Immediate need to get eHealth ready, especially around the personally controlled health record

# Keeping up with the PCEHR program news



PCEHR

[www.yourhealth.gov.au](http://www.yourhealth.gov.au)

National E-Health Strategy

[www.health.gov.au](http://www.health.gov.au)

Public domain resources

<http://www.youtube.com/user/DeptHealthAgeing>

NEHTA specific information

[www.nehta.gov.au](http://www.nehta.gov.au)

# Thank you and questions...

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