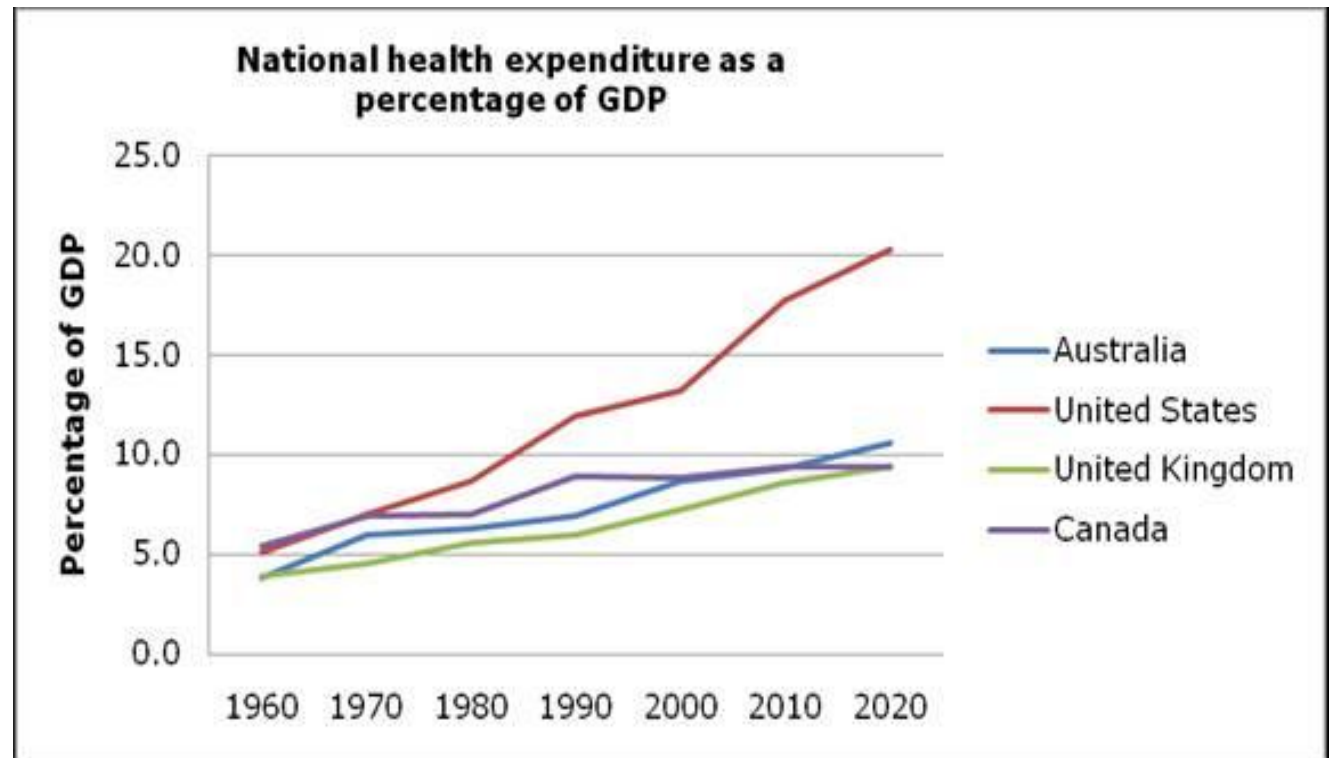


eHealth and its specific application to dentistry

Dr Neil Hewson
NEHTA Clinical Lead
10 October 2011

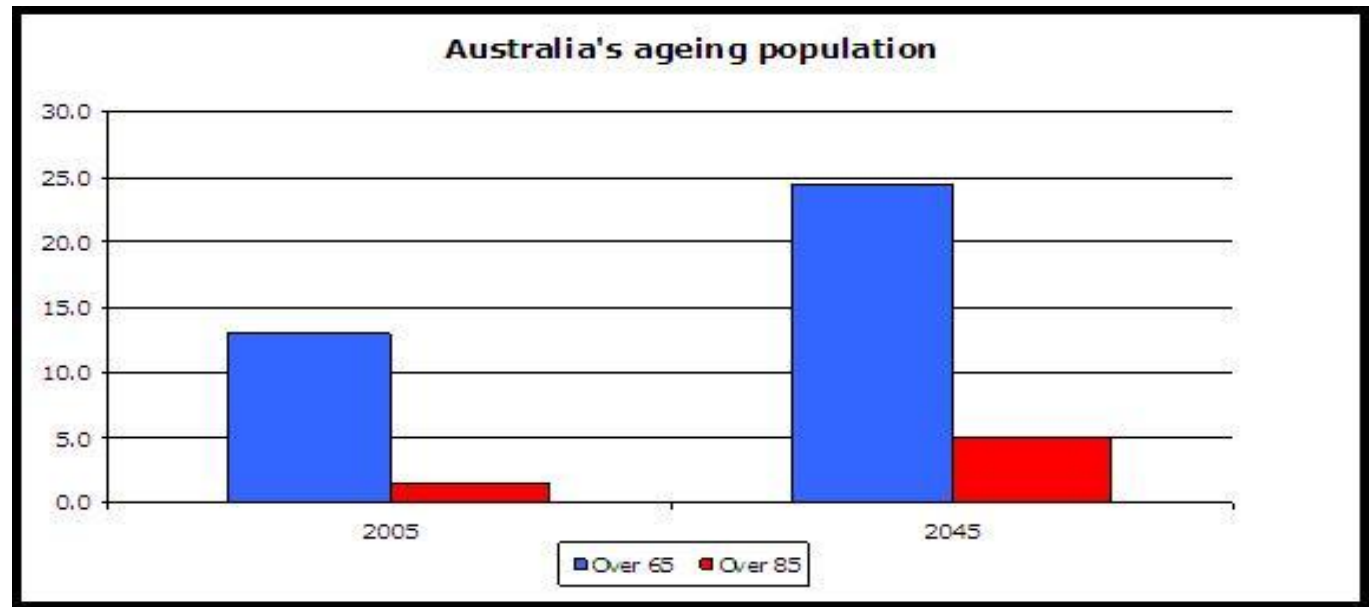


Healthcare is a major part of the Australian economy



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

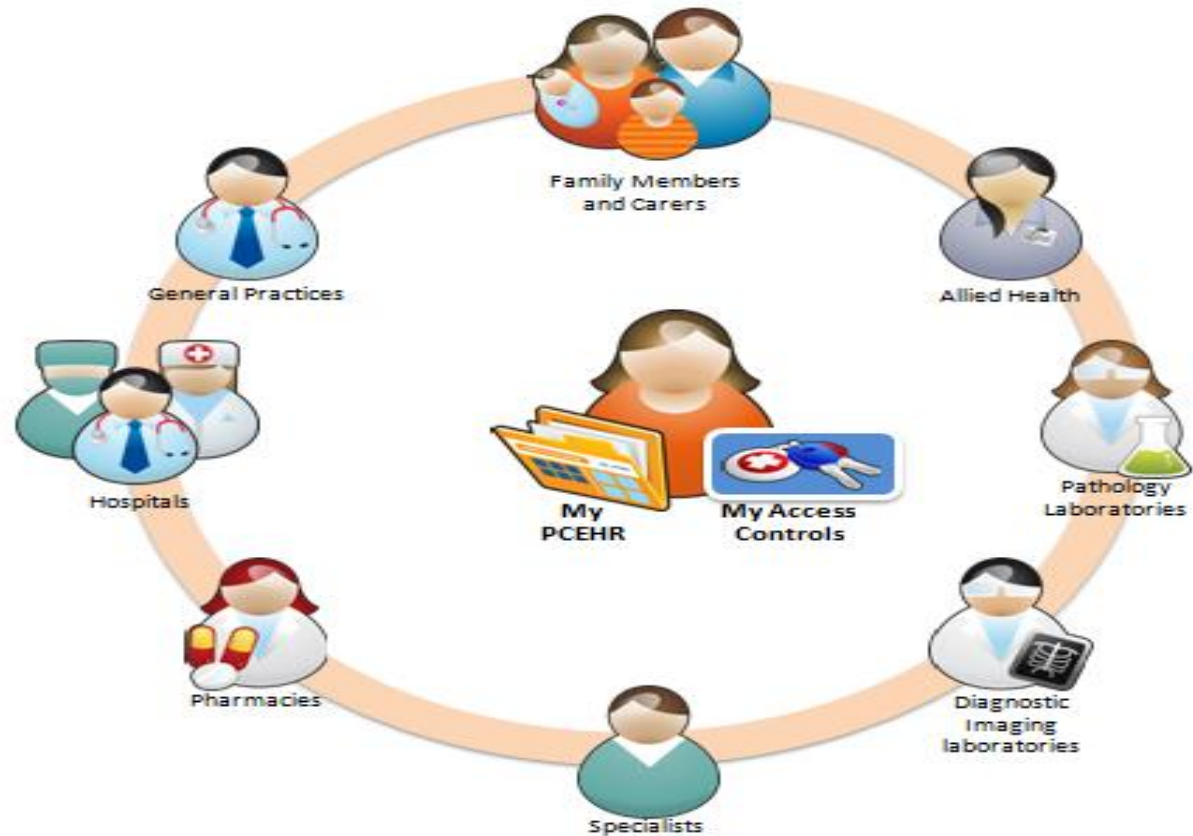


- Increasing involvement in implementation sites
- Managing agent for PCEHR
- Support integration of eHealth
- National eHealth infrastructure

Personally Controlled Electronic Health Record	Clinical Information	Individual Information	Shared Information	[Others]
E-Health Services	Shared Health Profile	Events Summaries	Self Managed Care	Complex Care Management
E-Health Solutions	ePathology	eDischarge	eReferral	eMedications
National Infrastructure Components	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)



- 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

How do providers get access?

PCEHR System can be accessed by any Healthcare Organisation with a HPI-O and comply with the terms of access

Options for access include:

Enhanced versions of clinical systems

Provider Portal

Organisation choose which local users need access

Managed in local clinical system (or in HI PDS for provider portal)

The PCEHR System will only accept clinical documents from providers with a HPI-I



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



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

National E-Health Strategy

www.health.gov.au

Public domain resources

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

NEHTA specific information

www.nehta.gov.au



Thank you and questions...

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