



# Personally Controlled Electronic Health Record (PCEHR)

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Quality  
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# eHealth reform



- eHealth was one of eight key areas identified in the National Health Reform agenda in 2010
- As part of the 2010/11 federal budget, the Government announced a \$466.7 million investment over two years to establish a Personally Controlled Electronic Health Record (PCEHR) system

# PCEHR - what is it?



- A secure online system which enables individuals to store and share important health information
- It will bring together health information from different systems and present it in a single view
- Patients and providers can easily access health information **any time, anywhere**
- Available from **1 July 2012**

# Why a PCEHR?



- Over **3 million** Australians (1 in 7) suffer from **chronic disease**
- Health **expenditure** has more than **doubled** over the last 4.5 decades from 3.8% to 9%
- It is estimated **5,000 Australians die** each year due to adverse medical events
- Up to **18% of medical errors** (1 in 6) are due to inadequate patient information
- Nearly **1 in 3** (30%) unplanned hospital admissions in those over 75 years are associated with **prescribing errors**
- Health professionals spend around a **quarter of their time collecting** information rather than treating patients

# Benefits of the PCEHR?



- Patients will have better access to their health info and be more involved in their own health care
- Reduced need to repeat tests / other history unnecessarily
- Improved continuity and coordination of care across a range of healthcare providers
- Better informed decision making and more effective management of patient medications
- Reduced avoidable medication-related adverse events

# PCEHR



- Participation is voluntary – opt-in
- Provider access is under consumer control
- The PCEHR is *not* a replacement for organisational clinical records
- The clinical component contains copies, *not originals*
- The “source of truth” remains where it is today – in local clinical records

# What information will be accessible via the PCEHR?



- Shared Health Summary
- Event Summaries
- Discharge Summaries
- Medicare Data (MBS, PBS, Australian Childhood Immunisation Register, Organ Donor Register)
- Consumer Entered Information
  - Personal Health Diary (not shared with provider)
  - Advanced Care Directives
  - Medicines & Allergies
- Specialist Letters
- Prescribing and dispensing notices
- Support for Diagnostic reports

# Post July 2012



- Referrals
- State based registries
- Radiology images

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# Shared Health Summary



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

# Event Summary



An Event Summary may contain the following:

- Individual [patient]
- Event details
- Event summary Author details
- Allergies and Adverse reactions
- Medicines
- Diagnoses
- Interventions
- Immunisations
- Diagnostic investigations
- Observations
- Document control

# Discharge Summary

A discharge summary may contain information on:

- Patient
- Nominated Primary Healthcare Providers
- Facility
- Document Author
- Document Recipients
- Encounter Details
- Problems/Diagnoses
- Clinical Synopsis
- Diagnostic Investigations
- Clinical interventions this visit
- Current Medications on Discharge
- Ceased Medication
- Allergies/Adverse Reactions
- Alerts
- Arranged Services
- Recommendations
- Information provided to patient and/or relevant parties
- Document Control
- Attachments

My Clinical System (GP Edition) Sunnybank Hills Medical Practice

Patient Edit Utilities View Help Currently Logged In: Dr Kate Mitchell Log Out

**Current Record: Mr. John D. Smith**  
 IHI: 8003 6012 3456 7890 Sex: Male Date of Birth: 5 Jun 1965 (47 years)

New Feature in existing system

Today's Notes (Local) Past Vistis (Local) Rx (Local) Immunisations (Local) Investigations Reports (Local) **PCEHR**

**Consolidated View**

An individual's PCEHR may not represent a complete set of health information.

**PCEHR Information**

- Individual's Details
- Nominated Provider

**Views**

- Consolidated View**
- Index View

**Clinical Documents**

- Shared Health Summary (1)
- Discharge Summaries (2)
- Event Summaries (3)
- Referrals (1)
- Specialist Letters (2)
- Pathology Result Reports (1)
- Imaging Result Reports (1)
- Prescriptions (3)
- Advance Care Directives (0)
- Medicare
  - ACIR (0)
  - MBS (12)
  - PBS (3)
  - Organ Donor (0)
- Consumer Entered Health Summary (1)

Preferences

**Allergies / Adverse Reactions**

Substance / Agent	Reaction
Prochlorperazine (Stemetil)	Torticollis

Source: Shared Health Summary (reviewed 25 Jul 2012)

**Items from other clinical documents (since 25 Jul 2012)**

Upload Date	Substance / Agent	Reaction
15 Aug 2012	Penicillin	Anaphylaxis

**Documents which may contain allergies / adverse reactions:**

Upload Date	Document Type
18 Sep 2012	Event Summary (Pharmacist) ★

**Medicines**

Item Description	Dose Instructions
Quinapril (Accupril) 20mg	1 tablet daily
Nifedipine (Adalat) 30mg	1 tablet daily

Source: Shared Health Summary (reviewed 25 Jul 2012)

**Documents which may contain medicines (since 25 Jul 2012)**

Upload Date	Document Type
15 Aug 2012	Discharge Summary
18 Sep 2012	Event Summary (Pharmacist) ★

**Medical History**

Date	Description
25 Jul 2012	Cartilage tear (left knee)
12 Jul 2009	Inguinal Hernia Repair (left side)
29 May 2009	Inguinal Hernia (left side)
18 Jun 2007	Essential Hypertension

Source: Shared Health Summary (25 Jul 2012)

**Documents which may contain medical history (since 25 Jul 2012)**

Upload Date	Document Type
15 Aug 2012	Discharge Summary
18 Sep 2012	Event Summary (Pharmacist) ★

**Immunisations**

Date of Administration	Vaccine Name
22 Sep 2011	Fluvax

Source: Shared Health Summary (reviewed 25 Jul 2012)

**Documents which may contain immunisations (since 25 Jul 2012)**

Upload Date	Document Type
No documents	

★Warning: unstructured document Action

Figure 3: Example Consolidated View<sup>2</sup>

# eHealth sites - objectives



The eHealth sites are designed to:

- Target a broad number of key groups
- Broad geographical coverage
- Include multiple Healthcare sectors
- Broad coverage of the vendor community
- Implement a broad set of functions needed for a PCEHR
- Deliver early Benefits

# eHealth sites – Wave 1



- GP Access (now Hunter Urban Medicare Local)
- GP Partners (now Metro Nth Brisbane Medicare Local)
- MEGPN (now Inner East Melbourne Medicare Local)

## Priority Patient groups:

- RACFs
- DVAs
- After Hours
- Chronic disease
- Disability
- Mental Health

# eHealth sites – Wave 2

State	Project	Priority patient groups
NSW	St Vincent's & Mater Health Sydney	Complex & Chronic; mental health; HIV/AIDS; Homeless people; Indigenous; Older Australians
NSW	Greater Western Sydney	Mother & Child; Aged and Chronic care; Indigenous
QLD	Brisbane South Division	DVA; Disability; Schoolchildren aged 4-7
QLD	Mater Brisbane	Mothers & Newborns
TAS	Cradle Coast	Aged Care; Palliative Care
ACT	Calvary Healthcare	Aged Care; Palliative Care
NT	Dept. of Health & Families	Indigenous
National	Medibank Private	Chronic Disease

# Further Information



National eHealth Reform information

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

→ Look for PCEHR 'Concept of Operations' document

→ Look for the 'PCEHR System: Exposure Draft Legislation'

eHealth information

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

Public domain resources

[www.youtube.com/user/DeptHealthAgeing](http://www.youtube.com/user/DeptHealthAgeing)

National eHealth Transition Authority

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

# PCEHR Video



<http://www.youtube.com/watch?v=3IOoUMwSGMI>

## eHealth Program Overview

In our context, eHealth is the use of information and communication technologies to improve the provision of health services. The aim of the eHealth program is to support divisions and Medicare Locals to embed eHealth into their core business and promote eHealth tools and systems in their work with general practice.



### SECURE MESSAGING, TELEHEALTH, ePRESCRIBING

Provision of practical advice, training, and resources.



### GP CENSUS

Management of a national survey of GPs and practices on behalf of Divisions / MLs



### ONLINE DATA TOOLS

Supporting contract management of Divisions by tailoring reporting tools for Closing the Gap, Mental Health & Drug & Alcohol Shared Care Programs.



### NETWORKING & EDUCATION

Facilitation of eHealth events and workshops for information sharing & networking. Including training webinars, accessible by Divisions Australia-wide covering topics such as Telehealth, PCEHR & clinical software training.



### DATA QUALITY IN GENERAL PRACTICE

Promotion of effective quality improvement methodologies and training in use of tools which improve the management and quality of general practice data.



### LEADERSHIP & ADVOCACY

Building partnerships to support implementation of national and local priorities and improve continuity of care. Provide feedback, advice and contextualization to both local & national eHealth initiatives.



### PERSONALLY CONTROLLED ELECTRONIC HEALTH RECORD

Education, training and change management for the implementation of the PCEHR which will be accessible from July, 2012.



#### HOW WE CAN HELP:

- Training, support or advice on eHealth areas
- Support in getting an Health project started
- eHealth strategic direction support
- Help to promote eHealth work that you are doing
- Provide assistance in liaising with an external party on eHealth issues.



#### WHERE TO GO FOR MORE INFORMATION:

eHealth info website:

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

GP NSW website:

[www.gpnsw.com.au/programs/ehealth](http://www.gpnsw.com.au/programs/ehealth)

Your Health website:

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

AGPN website:

[www.agpn.com.au](http://www.agpn.com.au)

RACGP website:

[www.racgp.org.au/ehealth](http://www.racgp.org.au/ehealth)



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