

Digital health tools for Specialists: improving care coordination

Samar Omar
Digital Health Educator
6 December 2021

My Health Record

What is My Health Record?



An online summary of an individual's key health information



Personally controlled



Part of a national system



Accessible at all times



Protected



How are health care providers using My Health Record?









Public hospitals are providing better continuity of care as they have viewed more than **933K** documents which were uploaded by other healthcare providers - matching the number viewed by GPs for the first time ever.

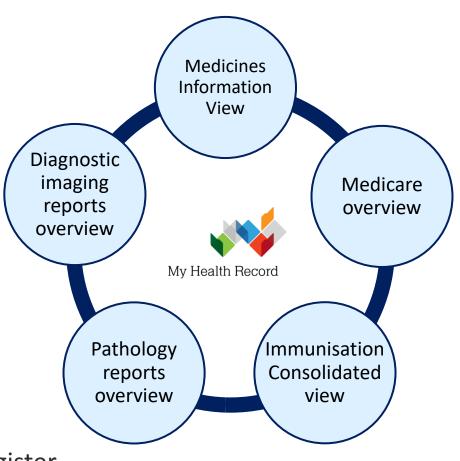
My Health Record - documents

Consumer documents

- Personal health summary
- Personal health notes
- Advance care planning docs and custodian details
- Emergency contacts
- Childhood development

Medicare documents

- MBS and PBS claims
- Organ Donor Register status
- Australian Immunisation Register (AIR) records

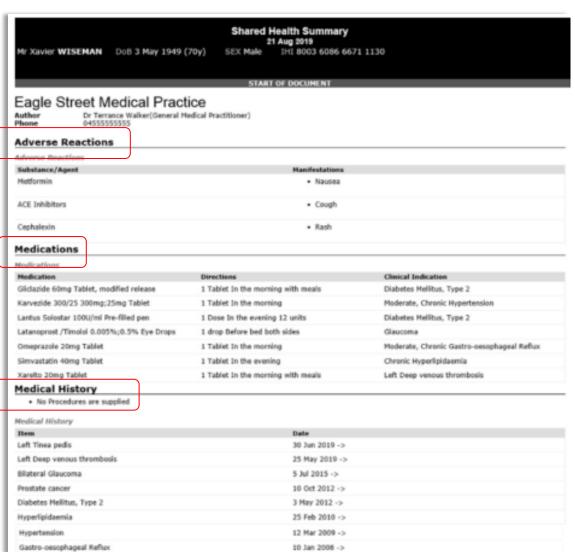


Provider documents

- Shared health summaries
- Discharge summaries
- Pathology reports
- Diagnostic imaging
- Event summaries
- Prescription records
- Dispense records
- Pharmacist Shared
 Medicines List (PSML)
- Specialist letters
- Goals of care



GPs uploading shared health summaries



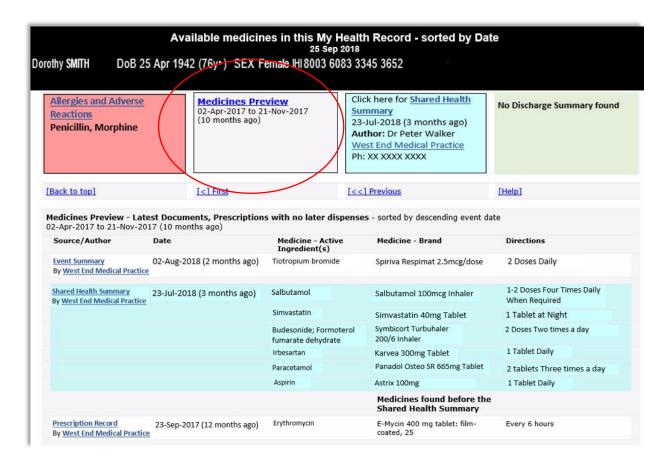
mmunisations			
mmunisations - Admin	istored Immunisations		
Vaccine	Sequence Number		Date
Beostrix	1		10 Apr 2019
luyax :	2		2 Apr 2019
heumovax 23	1		15 Nov 2018
Royax	1		18 Apr 2018
	ADMINISTR	NATIVE DETAILS	
Patient		Author	
Name	Hr Xavier WISEMAN	Name	Dr Terrance Walker (General Medical Practitioner)
Sex Indigenous Status	Male Neither Aboriginal ner Torres Strait Islander origin	Organisation Work Place	Eagle Street Medical Practice 400 George Street, Brisbane, QLD, 4000,
Date of Birth 3HI	3 May 1949 (70y) 8003 6086 6671 1130	Phone	Australia 0455555555 (Workplace)
Entitlements	e950432501 (Redicare Benefits)	Clinical Document Det	talls
		Document Type Creation Date/Time Date/Time Attested Document ID	Shared Health Summary 21 Aug 2019 11:27+1000 21 Aug 2019 11:27+1000 2.25-499435065236745524485529557442583 6751
		Document Set ID Document Version Completion Code	32f14bc5-88a4-464d-95a2-3cx8d1xf2375 t Final



Medicines information in My Health Record

Medicines information can be found in:

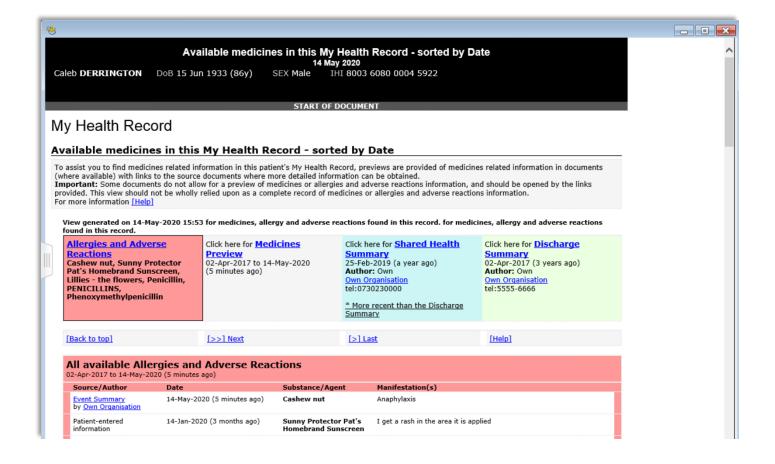
- Dispense records (pharmacies)
- Prescribing records (general practices, specialists)
- Medicare/PBS information (Services Australia)
- Shared health summaries (general practices)
- Discharge summaries (hospitals)
- Event summaries (all healthcare providers)
- Personal health summary (entered by the patient)
- Pharmacist Shared Medicines List (pharmacies)



Medicines Information View – Medicines tab

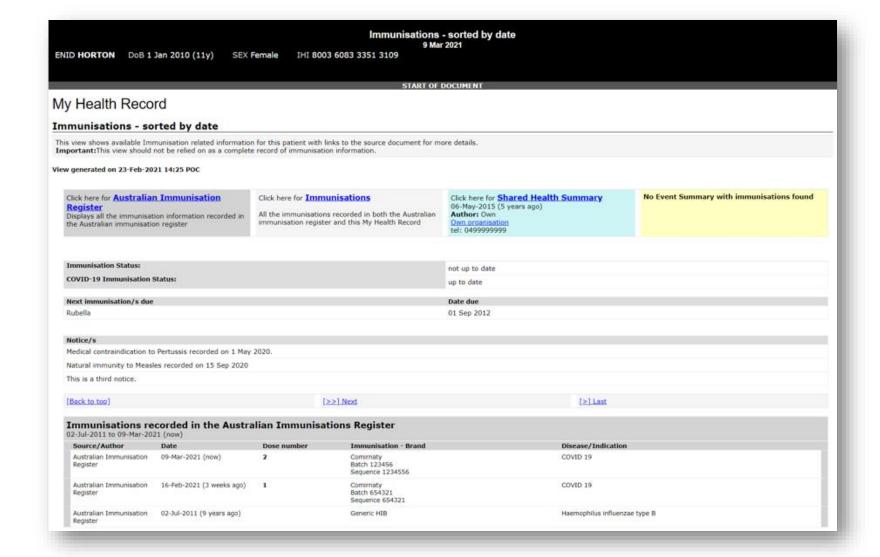


Allergies information in My Health Record





Immunisation information





Canberra Hospital (HPI-O:

e-Discharge Summary

12 Yamba Ave, Garran, ACT, 2605, Australia

Surpical Ward

Creation Date/Time 4 Jun 2013 14:25+1000

Date/Time Attested 24 Jun 2013 14:25+1000

Hospitals uploading discharge summaries

Orthapaedics

Frank HARDING

4 Oct 1949 (64v)

8003 6086 6670 1594

0755886699 (Workplace)

Abbi@gmall.com (Home)

Patient

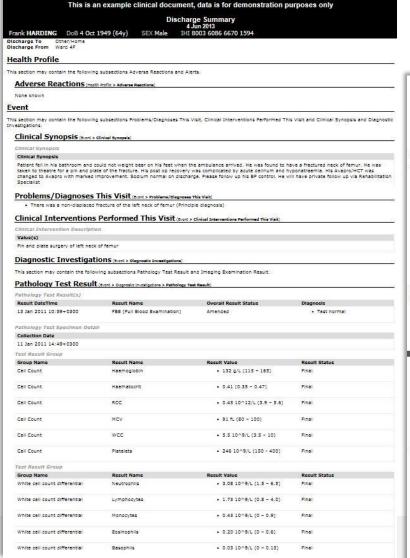
Date of Birth

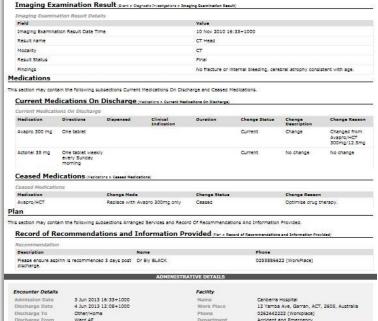
Home Address

256 Sandgate Rd, Albion, QLD, 4010, Australia

Aboriginal but not Torres Strait Islander origin

1 Australia Lane, North Adelaide, SA, 5006.



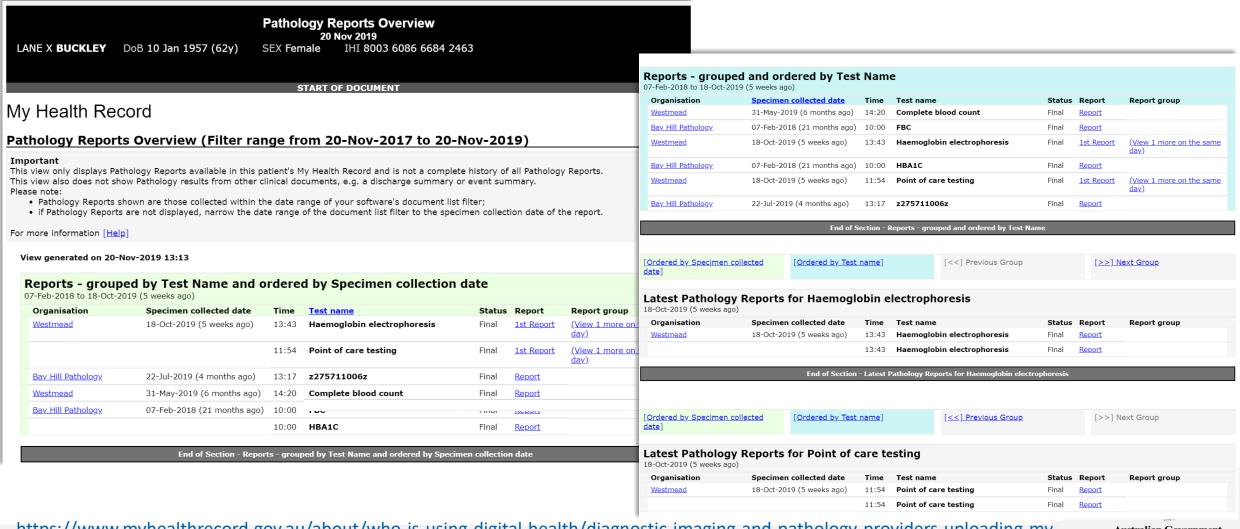


Public Hospitals

Private Hospitals



Pathology & Diagnostic Imaging reports overview in My Health Record



https://www.myhealthrecord.gov.au/about/who-is-using-digital-health/diagnostic-imaging-and-pathology-providers-uploading-my-health

Australian Government

Fluad Pneuomovax 23 Fluad

Zostavax

Field

Date Of Initial Registration

5 Apr 2020 18:19:00+1000 91835

1 Apr 2020 19:19:00+1100 55036

26 Feb 2020 19:19:00+1100 00023

Medicare Services - MBS and DVA Items Medicare Services - MBS and DVA Items

Bone Tissue Indicator

Eve Tissue Indicator

Heart Indicator

16-Oct-2018

10910

Medicare Overview - From: 01-Dec-1953 To: 13-Jun-2019 Mr Caleb DERRINGTON DoB 15 Jun 1933 (85y*) SEX Male IHI 8003 6080 0004 5922 My Health Record Prescription Information - PBS and RPBS Prescription Information - PBS and RPBS 5mg/1.25mg 10:29:02+1000 10:29:02+1000 5 mg perindopril Coversyl Plus 7 Oct 2016 7 Oct 2016 02845R Tablet containing 30 5mg/1.25mg 10:27:23+1000 10:27:23+1000 5 mg perindopril arginine-1.25 mg hemihydrate 6 Oct 2016 6 Oct 2016 Tablet containing 30 02845R 10:24:41+1000 10:24:41+1000 5mg/1.25mg 5 mg perindopril arginine-1.25 mg 11 Oct 2016 02845R 5mg/1.25mg 10:31:37+1000 10:31:37+1000 02845R 10 Oct 2016 10 Oct 2016 Tablet containing 30 5 mg perindopril arginine-1.25 mg hemihydrate Coversyl Plus 9 Oct 2016 9 Oct 2016 Tablet containing 30 02845R 5mg/1,25mg 10:29:52+1000 10:29:52+1000 5 mg perindopril arginine-1.25 mg Australian Immunisation Register - AIR Australian Immunisation Register - AIR 14 Mar 2018 16:13:00+1100 14 Mar 2018 16:13:00+1100 2 Mar 2019 16:13:00+1100 Australian Organ Donor Register - AODR Australian Organ Donor Register - AODR

20 May 2010 08:00:00+1000

Service Provider

TERRANCE WALKER

Yes

COVID19 phone attendance

CONSULTATION AT CONSULTING ROOMS LEVEL

Medicare documents

Medicare Services - MBS & DVA items

	C 501 VIC			
Date	Number	Description	Service Provider	In Hospital
22-Jun-2019	10918	Subsequent optometrical consultation	MR PAUL JONES	No
06-Mar-2019	55836	Ankle or hind foot, 1 or both sides, ultrasound scan of	DR CAROL TAN	No
06-Mar-2019	57527	Foot and Ankle, OR Ankle and Leg, OR Leg and Knee, OR Knee and Femur.	DR CAROL TAN	No
01-Mar-2019	00036	CONSULTATION AT CONSULTING ROOMS - LEVEL 'C'.	DR KAVITA SINGH	No

COMPREHENSIVE INITIAL CONSULTATION - PATIENT IS LESS

THAN 65 YEARS OF AGE



No

DR KAVITA SINGH

Example of Specialist Letter

Specialist Letter 27 Jul 2018

LANE X BUCKLEY DoB 10 Jan 1957 (61v)

SEX Female IH

IHI 8003 6086 6684 2463

START OF DOCUMENT

Bay Hill Hospital

Author Dr Graham Markson (Cardiologist)

hone 07 8888 9999

Response Details

Response Narrative

I had pleasure again in reviewing 50 year old Vijay Engineer in Cardiology Outpatients again. He is currently awaiting Coronary Artery Bypass surgery at the Bay Hill Hospital.

Since I last saw Vijay, 6 weeks ago, he has continued to have angina at approximately 2 to 3 times per week despite the increase in beta blocker. He has started to use sublingual nitrates with his angina although still has not quite mastered the full nitrate protocol, and so I have again gone over aspects of that today. At present he has been using 1 sublingual tablet and then going to bed rather than following through with up to 3 nitrates over 15 minutes and calling an Ambulance if required.

Unfortunately Vijay continues to battle unsuccessfully with his smoking despite currently trying Champix, nicotine gum and continuing his 25 cigarettes per day habit. He has indicated today he will explore private hypnotherapy as he has had some success with this in the past.

On examination today the regular is 75 and a blood pressure of 165/90. His chest was quiet but with no evidence of heart failure. ECG confirms sinus rhythm with Q waves visible in V1 and V2 leads.

I have asked him today to increase his Norvasc from 5mg to 10mg per day. Additionally I have prescribed him a Nitrate patch of 25mg per day to be worn during the daytime.

I will make contact with the surgeon at the Bay Hill hospital, to make him aware that Vijay has ongoing symptoms despite increasing medical therapy and

at this stage I plan to review him in 5 weeks time.

I have asked him to review with you in approximately 3 weeks time and if despite the increase of Norvasc and the Nitrates he is still having ongoing

predictable angina the next recourse would be to increase his beta blocker further to 75mg twice daily.

Beyond that I think my next additional therapy would be Nicorandil but dearly this gentleman needs an intervention on his coronary arteries and the sooner that can happen and importantly the sooner he can stop smoking to make that a more successful procedure the better.

With kind regards,

Graham Markson

Response Details

Date Time Interval	Item Description	Item Comment
	No problems recorded	

Recommendations

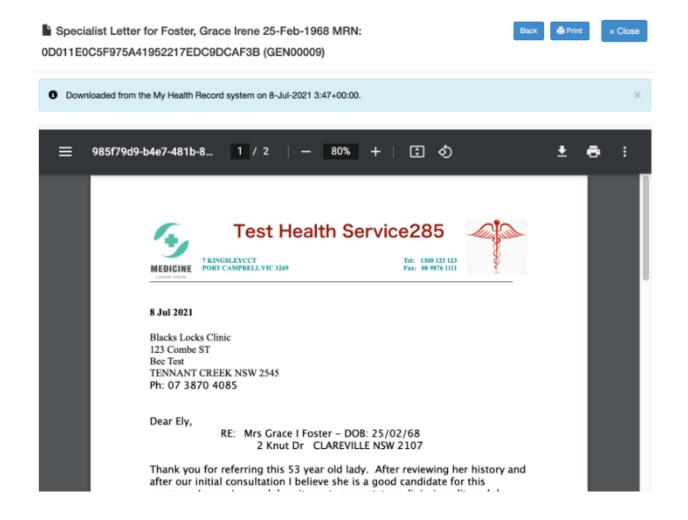
No recommendations recorded

Medications

Medication	Directions	Clinical Indication	Change Status	Change Reason	Comment
Champix Tablet 1mg	One tablet twice daily		Unchanged		
Norvasc (Amlodipine) 10mg	One tablet daily		Unchanged		
Betaloc 50mg	One tablet twice daily		Unchanged		
Metformin 1g tablet	One tablet twice daily		Unchanged		
Atorvastatin 40mg	One tablet daily	Hypercholesterolaemia	Unchanged		



Uploading Specialist Letter – example 2



HEALTH RECORD

Can you access your patient's My Health Record?

Providers who have a legitimate reason to access the system (e.g. providing care to a patient) are authorised to do so subject to the patient's access controls.



A provider is authorised by law without seeking consent each time to view a My Health Record if:

- 1. The provider is permitted by the organisation to access the My Health Record
- The provider is accessing in order to provide healthcare to the patient (you must not view for insurance or employment purposes)
- 3. Best practice is to discuss with the patient if the document contains sensitive information



A provider is authorised to upload **except** when:

- 1. The patient does not want the document to be uploaded
- 2. First time uploading a Shared Health Summary (should agree with patient on Nominated Provider relationship)
- 3. Certain State or Territory laws require consent to upload certain sensitive health information

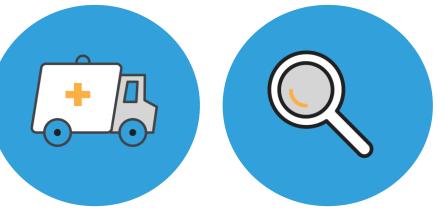


Patient control of their My Health Record









A patient can choose to restrict access to specific documents in their My Health Record by setting a Limited **Document Access Code** (LDAC).

Only organisations

approved in the LDAC

can access those

documents

the patient will access to their

A patient can restrict access to their entire record using a Record Access Code (RAC).

In a consultation, need to give you the code to allow record.

In an emergency, a clinician can exercise a 'break glass' facility to allow temporary access

Patients can choose to receive an SMS or email alert when a health provider organisation accesses their My Health Record

All instances of access to My Health Record are monitored and logged

Emergency Access provision

The Emergency Access provision can **only** be used if the healthcare provider:



- reasonably believes that there is a serious threat to the life, health and safety of an individual; AND
- reasonably believes it would be **unreasonable or impracticable** to obtain the **consent** of the healthcare recipient whose My health Record is to be accessed

OR

 reasonably believes that access to the record is necessary to lessen or prevent a serious threat to public health or public safety. **HEALTH RECORD**

My Health Record – benefits

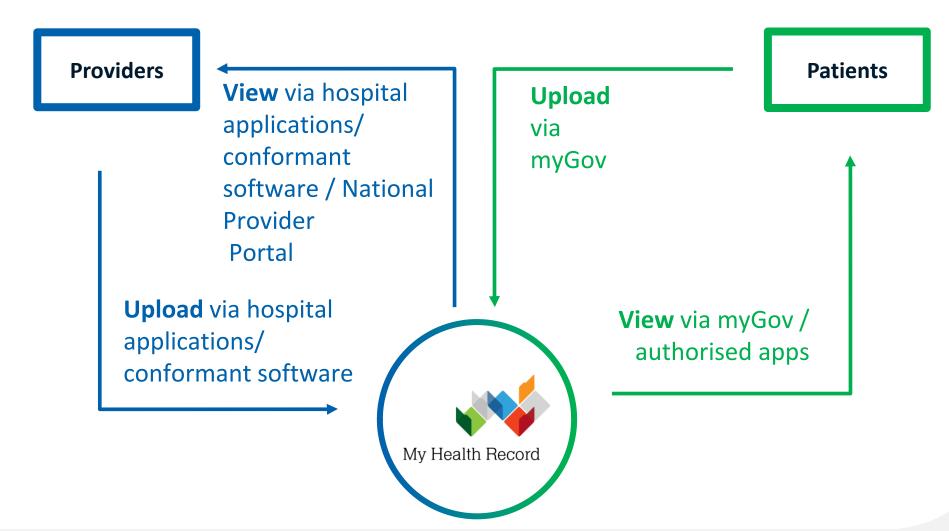
Specialists can benefit from My Health Record through:

- Quick and easy access to key health information that has not been received directly
- Less administrative burden gathering patient information
- Improved clinical decision making through access to patient- specific information
- Avoidance of duplicating tests, scans and diagnostics
- Access to information that can inform end-of-life care decisions.

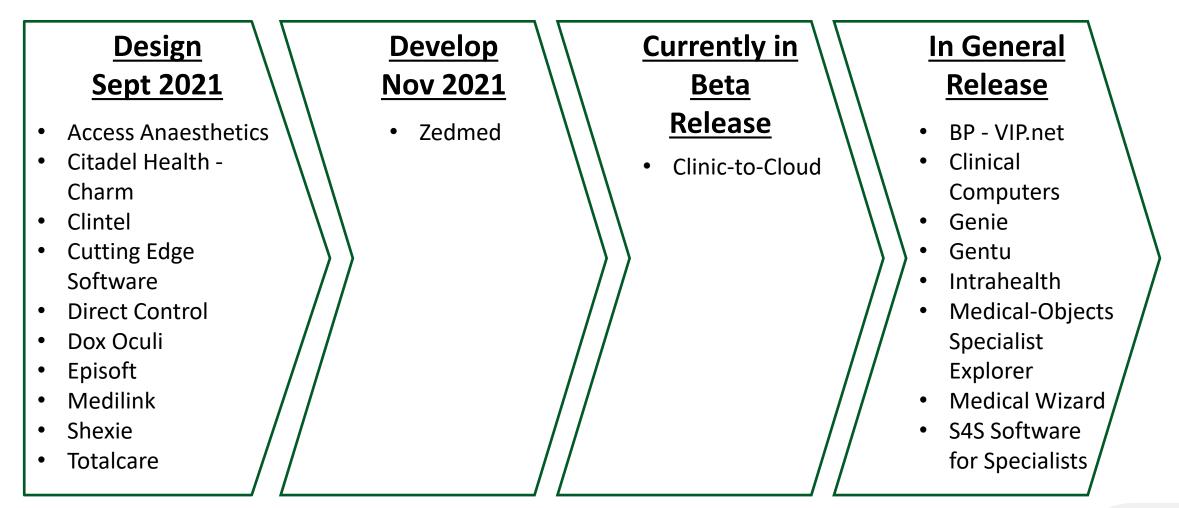


How can specialists utilise My Health Record in practice?

How does My Health Record work?



My Health Record-enabled practice software designed for use by specialists is starting to come to market in earnest



Key features of new My Health Record-enabled practice software

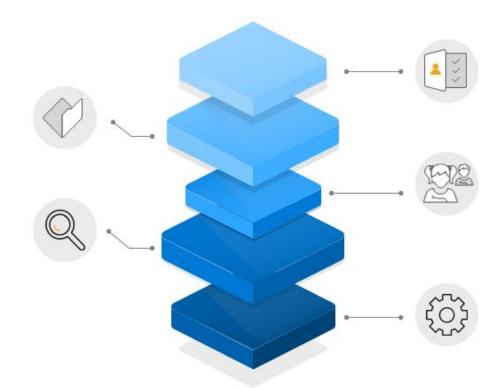
- Allows access and viewing of all documents and overviews
- Easily upload a copy of your specialist letter into a patient's My Health Record, without interrupting your normal workflow
- Easily upload a copy of the prescriptions you write to a patient's My Health Record
- Allows viewing by authorised practice staff (non-clinical)
- Practice staff can upload specialist authored letter (once approved)



My Health Record – what do I need to do?

Register and get connected to My Health Record

Confirm the process to access My Health Record for authorised staff

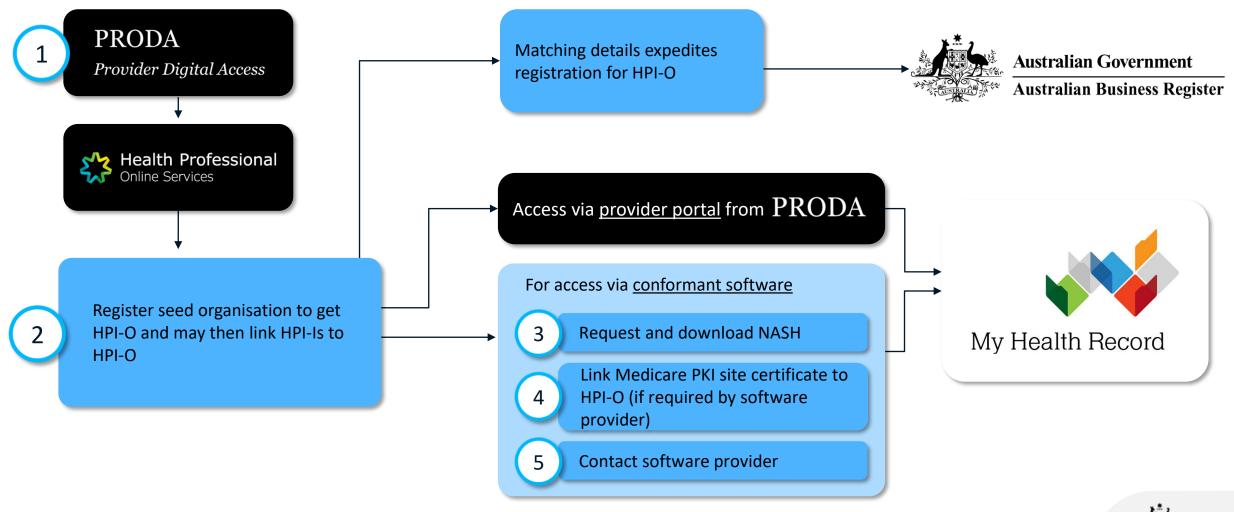


Ensure there is My Health Record security and access policy

Training for staff and ensure they are familiar with policies in place

Ongoing participation and obligations

My Health Record – organisation registration steps



Electronic Prescriptions

Evolution of Prescriptions

int no. Ity Net Concessional or dependant, RPBS beneficiary or PBS Safety Net concession cardholder	Prescriber no.	Prescriber no.
RPBS Brand substitution not permitted Porgage Inte	Patient's Modicare no. Pharmacounted householder producted between the continued of the con	Patismicht Medicare no. Pharmacoulitation printing entill brankt no. PRS Saley Ne entill brankt no. PRS Saley Ne entill brankt no. PRS Saley Ne entill brankt no. Patient's name Address Date Date Pess. PPSS. Brand substitution not permitted
[20]	Script No: 12345678910 PANADEINE FORTE TABLET 500mg/30mg 2 t.i.d p.r.n. Oby; 20 1 Item.	PRES PRES Brand substitution not permitted Script No.: 12345678910 PANADEINE FORTE TABLET 500mg/30mg 2 t.l.d. p.r.n Qty 20 No reapeats. 1 item.
unature 9,7,2,0,20 that I have received receiv	Freecriber to sign original and displicate Freecriber to sign original and displicate Ten over the prisasy articles.	A. Psactitiones

Prescriber no.			Prescriber no.		
Patient's Medica	are no.		Patient's Medicare	e no.	
Pharmaceutical benefits			Pharmaceutical benefits		
entitlement no.	PBS Safety Net antifernetic cardholder (cross relevant box)	Concessional or dependant RPSS beneficiary or PSS Safety Net concession cardholder	entitlement no.	PBS Safety Net entiflement cardholder (cross-relevant box)	Concessional or dependent RPBS beneficiary or PBS Safe Net concession cardholder
Patient's name Address			Patient's name Address		
Date		substitution not permitted	Date		d substitution not permitted
PBS	RPBS Brand s	ucodulem not permitted	PBS PF	PBS Bran	u subsuluten not permitted
Pharmacist patient COP\		pt No.: 12345678910 TABLET 500mg/30mg No repeats.	edicare / DVA		pt No.: 12345678910 TABLET 500mg/30mg No reapeats.
Pharma	If not a Medical Practitioner, tick year p Dentist Kurse Practitioner	Midwife Optometrist	Me		A. Psantitians
Prescriber		Turn over for privacy notice	relating to any entition	ceived this/these medicine(s) and the sent to a pharmaceutical benefit is o	orrect.
,			Patient's or agent's sig	yatare	Date of supply



Electronic Prescription Tokenlegal prescription stored in PDS







What are electronic prescriptions?

- Electronic prescriptions are an alternative option to paper prescriptions.
- Previously, only a paper prescription signed by a prescriber has been the legal form by which medicines can be supplied.
- Paper and electronic prescriptions meet both the relevant Commonwealth, state and territory legislation.
- Electronic prescriptions are not mandatory.
- Patients and prescribers are able to choose between a paper and an electronic prescription.



Electronic Prescribing Statistics as at 4 November 2021

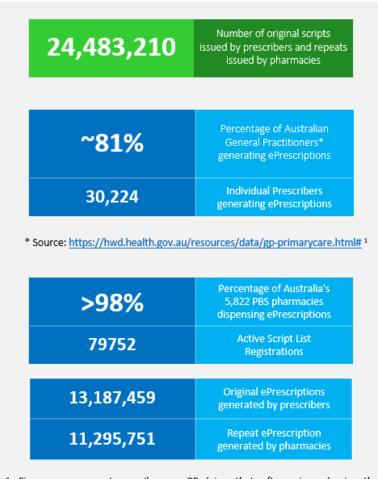
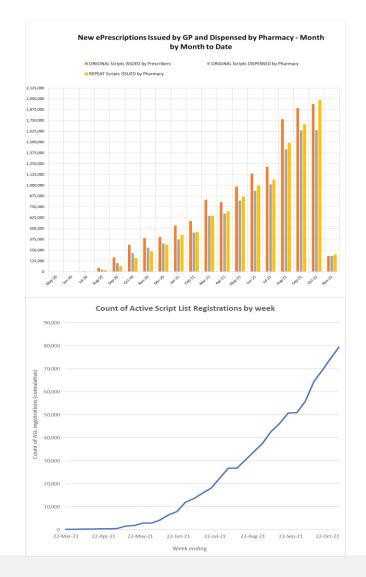


 Figure assumes most prescribers are GPs (given that software is predominantly rolled out in primary care). GP workforce data is at 2019. Workforce data includes all vocationally recognised GPs, non vocationally recognised GPs, and GP trainees. TOTAL = 37,472. NOTE: GP Full Time Equivalent (GPFTE) = 29,854.





Electronic prescriptions: what can they be used for?

- PBS medicines
- Authority prescriptions
- Regulation 49 prescriptions
- Private (non-PBS) prescriptions
- Schedule 8 medicines





Electronic Prescriptions - Tokens









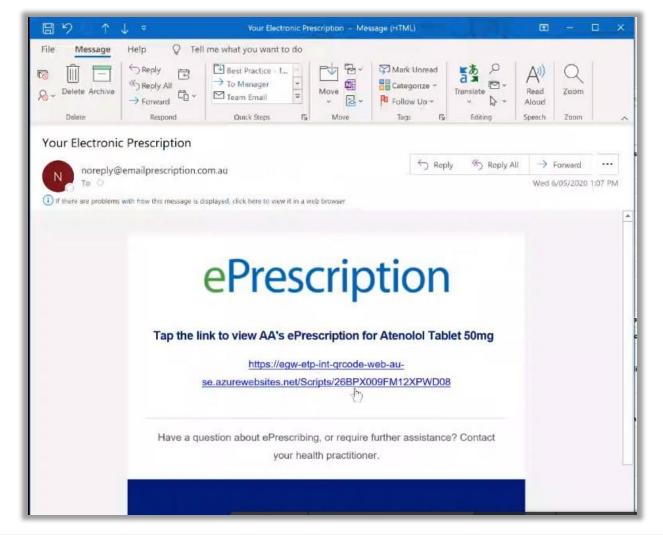
Doctor prescribes medicine via conformant software

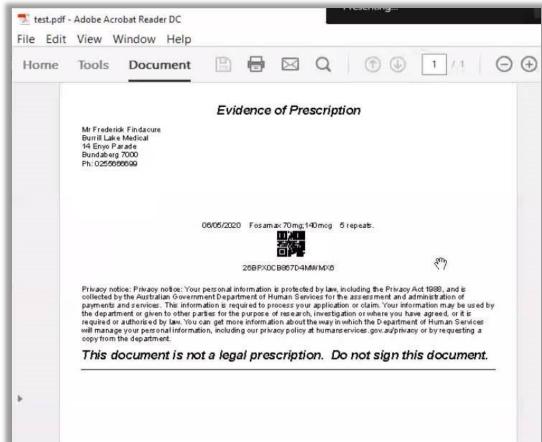
Prescriber sends the message to the patient during the consultation Patient receives token

Patient sends it electronically via Email/SMS to preferred pharmacy.
Once receipt is confirmed by pharmacy, medicine is dispensed via existing method.

Prescription tokens can be managed on mobile devices. The mobile device will display the token in a manner suitable for scanning using existing pharmacy equipment.

Token – patient email

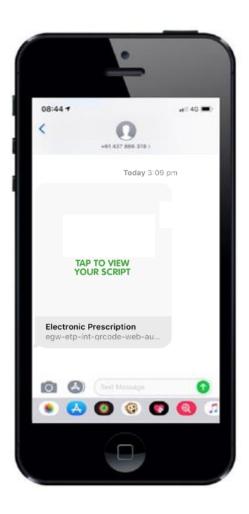






Token – demonstration patient SMS view











Prescription Repeats – Token Model



Pharmacies will provide electronic prescription repeat tokens via: SMS, Email or Printed on paper.

Paper Prescription Repeat



Dr. A Practitioner	
Prescriber no.:	
Patient's Medicare no.:	
Pharmaceutical benefits	
antitlament Salety Not o	etitioners Concessional or dependent
need further forms refere	IRPES Servificiony or Safety Nei concanaion can't ficidar
Patient's nome:	
Address:	
Date 03/04/07	
PBS 🗸 RPBS	Brand substitution not permitted
SCHOOLSEN STATE	3 AND 1887 AND 1887 AND 1887 AND 1887 AND 1
AMOXY	CILLIN 250MG
AMOXY 1 TDS	CILLIN 250MG
AMOXY 1 TDS	
1 TDS Oty:	CILLIN 250MG 0 repeat
AMOXY 1 TDS	
AMOXY 1 TDS Oty; 1 Item	
1 TDS Oty:	
AMOXY 1 TDS Oty; 1 Item	
AMOXY 1 TDS Oty; 1 Item	
AMOXY 1 TDS Qty: 1 ftem	0 repeat
AMOXY 1 TDS Oty; 1 Item	0 repeat
AMOXY 1 TDS Qty: 1 ftem	0 repeat
AMOXY 1 TDS Oty; 1 Item	O repeat O repeat A Practitioner
AMOXY 1 TDS Oty: 1 flem Dr. A Pract Mass	O repeat A Practitioner Please has now the greaty rote
AMOXY 1 TDS Oty: 1 flem	O repeat
AMOXY 1 TDS Oty: 1 flem Dr. A Pract Mass	O repeat

Serial IO.		rescriber o.	Gen	х	
Patient's			Con		
Aedicare no.			Con		
Patient's come &			Ent		
ddress		Post code	RPBS		
futhority number	Entitlemen				
igoly 1 spplicable)					
	Dr		Rpt #		
Chiginal prescr tate	PSS approval no.	No. of times already depended (including original supply). If original not supplied maint "0".	Priced items only		
No.	No. of repeats authorised		\$		
Name and PBS approval number of pharmaclet dispensing this supply Valid to			approval number of ing this authorisation		
Prescription re	. this supply	Date this authorisation prepared			
I cartly that I have receive physicians and benefits is not / / / Date of supply	Mar or midwaling	formation reading to only or Patient's or agent's sign	connect to hear or cons		
		address			

Electronic Prescription Token Repeat

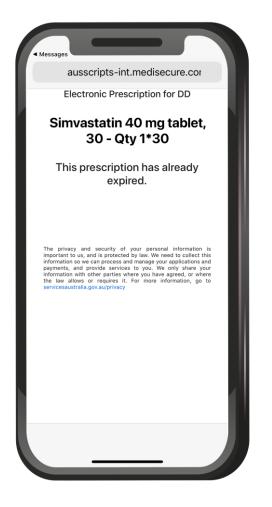








Token – expired, dispensed, or cancelled scripts



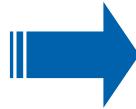






 Patient accidentally deletes a token from their device.

2. Token is sent to the wrong number/email.



3. The patient is unable to receive a token (e.g. does not have a smart phone).



- The prescriber can re-send the original token to the patient. Or the pharmacy may re-send the repeat token (if applicable).
- The prescriber should ensure that the token is received during the consultation. If sent in error, the prescriber can cancel the prescription and generate a new token.
- 3. The patient may provide their carer's contact details to receive the token on their behalf or elect to receive a paper prescription.

Management Options

Receive token on mobile device as SMS or Email

Carer/Agent receives token as SMS/Email on behalf of patient

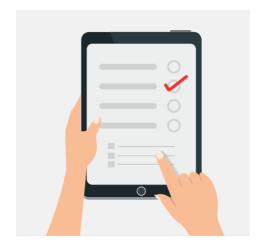
Use a mobile app to store tokens

Register for an Active Script List











Why are electronic prescriptions important?

- Provides greater choice for patients whilst maintaining patient privacy and integrity of personal information.
- Provides an opportunity to protect community members and healthcare providers from exposure to infectious diseases (for example COVID-19).
- Removes the need for handling and storing a physical paper prescription.
- Improves efficiency in prescribing and dispensing medications.
- May reduce prescribing and dispensing errors.
- Supports digital health services such as telehealth services to ensure continuity of patient care.



Useful resources

Get connected to the Health Identifier (HI) service

Australian Digital Health Agency support:

HEALTH RECORD

- Email the specialists connection team: connections@digitalhealth.gov.au
- Phone the Agency Help Line (ask for the specialist connection support team)

Phone: 1300 901 001 (option: 2)

Contact your local Primary Health Network (PHN) and request support



Free Online Training Modules

Digital Health Security Awareness

This course provides an introduction to security concepts for the healthcare sector.



Australian Digital Health Agency Podcast

Podcasts to provide you with the latest information on digital health.

No login required



Using My Health Record

This course provides instruction for healthcare professionals using My Health Record

No login required



My Health Record in General Practice

Course for general practice staff looking to learn more about the My Health Record system.



My Health Record in Community Pharmacy

Course for pharmacy staff looking to learn more about the My Health Record.



My Health Record in Allied Health

Course for allied health staff looking to learn more about the My Health Record system.



My Health Record in Diagnostic Imaging

Course for diagnostic imaging staff looking to learn more about the My Health Record system.



Digital Health for Specialists

Course provides specialists with an introduction to digital health tools and resources.



My Health Record in Nursing

Course for nursing staff looking to learn more about the My Health Record system.



Upcoming virtual classroom sessions

Learn how to access and view key health information in My Health Record through your clinical information system or the national provider portal. Register for a session here:

Best Practice Medical Director

<u>Genie</u> <u>Communicare</u>

<u>Zedmed</u> <u>National Provider Portal (Via PRODA)</u>

"That was the most useful information session I have attended for My Health Record."

- ➤ My Health Record for hospital staff
- ➤ <u>Understanding compliance requirements for accessing My Health Record practical tips for Practice</u>

 <u>Managers</u>
- > Consistent data quality: ensuring clinical safety standards for your organisation
- Everything you want to know about My Health Record: Q+A with subject matter experts

A dedicated digital health resource for specialist practices





Mobile

specialist-toolkit.digitalhealth.gov.au





Resources

Agency resources

Electronic prescriptions webpage: www.digitalhealth.gov.au/get-started-with-digitalhealth/electronic-prescriptions

- <u>Prescriber</u> and <u>dispenser</u> webpages
- <u>Prescriber</u> and <u>dispenser</u> fact sheets
- Upcoming <u>webinars</u>
- <u>eLearning modules</u>
- Podcasts

Department of Health resources

- <u>Electronic prescribing</u> webpage
- Fact sheet
- Electronic Prescriptions Security and Access Policy
- Electronic Prescriptions Privacy Policy
- Electronic Prescriptions Data Usage Policy







Further information and support

My Health Record

Web: www.myhealthrecord.gov.au

My Health Record Help line: 1800 723 471 (select 2 for providers)

Australian Digital Health Agency

Web: www.digitalhealth.gov.au

Email: help@digitalhealth.gov.au

Agency help line: 1300 901 001

n Australian Digital Health Agency

@AuDigitalHealth

@AuDigitalHealth



Austranian Government

Australian Digital Health Agency

