

An overview of My Health Record for clinical immunology and allergy specialists

Dr Kathy Rainbird and Dr William Smith
16 June 2020



Acknowledgement

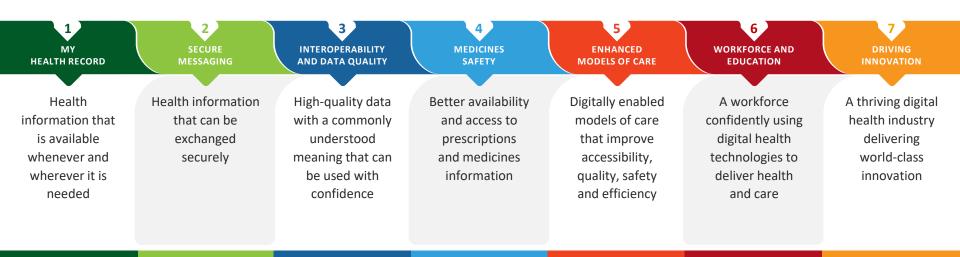


We would like to acknowledge the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to Elders both past and present.



National Digital Health Strategy – roadmap for delivery

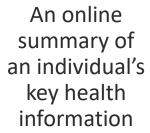
Co-designed with all states and territories and agreed by COAG Health Council





What is My Health Record?







Personally controlled



Part of a national system



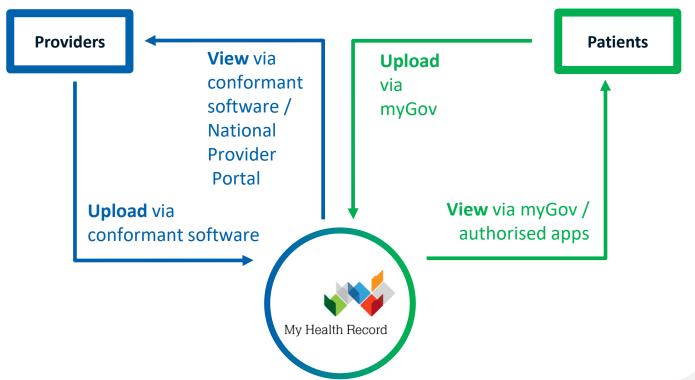
Accessible at all times



Protected



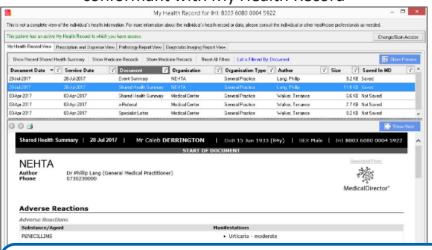
How does My Health Record work?



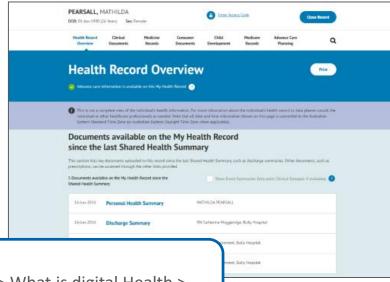


How do specialists engage with the My Health Record system?

Clinical Information System (CIS) conformant with My Health Record



National Provider Portal (NPP)

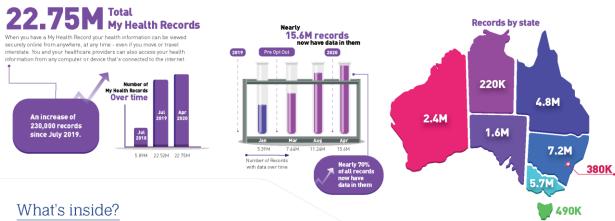


Register of Conformity

<u>www.digitalhealth.gov.au</u> > Get started with digital health > What is digital Health > Who is using digital health > Software products using digital health



My Health Record – the big picture



1.95B Documents uploaded to My Health Record

From medical histories to the latest blood tests, from pathology reports to advanced care plans, more vital health information is now securely stored and available when needed.













Specialist insights

Improved integration of clinical information systems for specialists

The Agency has partnered with the following software vendors to complete designs that seamlessly and securely integrate the My Health Record system into their current CIS.

Vendor	Software
Best Practice Software	Bp VIP.net
Clinic to Cloud	Clinic to Cloud
Clinical Computers	CCOS Specialists
Genie Solutions	Genie Desktop
Genie Solutions	Gentu Cloud
Intrahealth	Profile
Medical-Objects	Medical-Objects Specialist Explorer
Medical Wizard (Mouse Soft)	Medical Wizard Clinical module
S4S (Software for Specialists)	S4S Audit4 CIS module
Zedmed	Zedmed



My Health Record supporting specialist workflow



Specialist practice receives a referral letter from GP, hospital, etc.

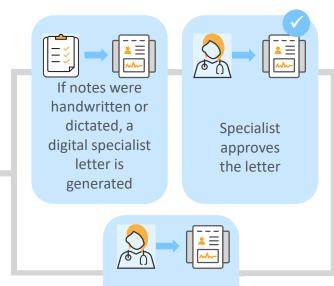


Specialist reviews letter and patient information collated prior to consultation

Patient's My Health Record can be viewed via conformant CIS/NPP



Specialist documents consultation notes



Specialist generates a specialist letter digitally



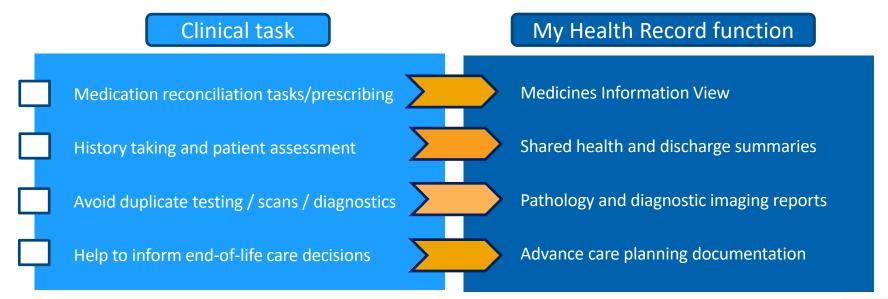
Specialist letter is sent to referring doctor

Specialist letter is uploaded to My Health Record via conformant CIS



Adding value to clinical practice

Which My Health Record functions are of high-value for specialists?





My Health Record functionalities

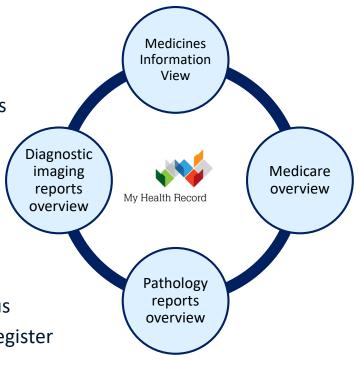
My Health Record - documents

Patient 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
- eReferrals
- Goals of care



GPs uploading shared health summaries



Immunisations			
Immunisations - Admin			
Vaccine	Sequence Number		Date
Booktrix	1		10 Apr 2019
Huyax.	2		2 Apr 2019
Prieumovax 23	1		15 Nov 2018
Florax	1.		18 Apr 2018
	ADMINISTR	NATIVE DETAILS	
Patient		Author	
Name	Hr Xavier WISEMAN	Name	Dr Terrance Walker (General Medical
Sex	Male		Practitioner)
Indigenous Status	Neither Aboriginal nor Torres Strait Islander	Organisation	Eagle Street Medical Practice
D-1	origin	Work Place	400 George Street, Brisbane, QLD, 4000, Australia
Date of Birth	3 May 1949 (70y) 8003 6086 6671 1130	Phone	04555555555 (Workplace)
Extitionments	6930432501 (Redicare Benefits)		
Sacrimones	Account toward amount	Clinical Document Det	ails .
		Document Type	Shared Health Summary
		Creation Date/Time	21 Aug 2019 11:27+1000
		Date/Time Attested	21 Aug 2019 11:27+1000
		Document 1D	2.25.49943506523674552448552955744258. 6751
		Document Set ID	32f14bc5-88a4-464d-95a2-3cx8d1xf2375
		Document Version	3
		Completion Code	Final



Hospitals uploading discharge summaries

	4.	ge Summary Jun 2013	
rank HARDING DoB 4 Oct		8003 6086 6670 1594	
scharge To Other/Home scharge From Ward 4F			
ealth Profile			
is section may contain the following	subsections Adverse Reactions and Ale	rts.	
Adverse Reactions			
None known) Profic > Adverse Reactions)		
vent			
s section may contain the following estigations.	subsections Problems/Diagnoses This V	risit, Clinical Interventions Performed This	s Visit and Clinical Synopsis and Diagnos
Clinical Synopsis (New)	Clinical Synopsis)		
Clinical Synopsis			
Clinical Synopsis			
changed to Avapro with marked in Specialist Problems/Diagnoses	te of the fracture. His post op recovery v mprovement. Sodium normal on dischar This Visit (event > Problems/Diagnoses fracture of the left neck of femur (Princip		ponatraemia. His Avapro/HCT was II have private follow up via Rehabilitatio
	Performed This Visit		
Clinical Intervention Description		The second resource and visit,	
Value(s)			
Pin and plate surgery of left neck	of femur		
Diagnostis Importigati	ions (Event > Diagnostic Investigations)		
This section may contain the follow	ring subsections Pathology Test Result a	ind Imaging Examination Result.	
Pathology Test Result	(Event > Disposable Investigations > Pathology Tes	at Result)	
Pathology Test Result(s)			
Result DateTime	Result Name	Overall Result Status	Diagnosis
13 Jan 2011 10:59+0300	FBE (Full Blood Examination)	Amended	Test normal
Pathology Test Specimen Detail	U		
Collection Date			
11 Jan 2011 14:49+0300			
Test Result Group			
Group Name	Result Name	Result Value	Result Status
Cell Count	Haemoglobin	• 132 g/L (115 - 165)	Final
Cell Count	Haematocrit	• 0.41 (0.35 - 0.47)	Final
Cell Count	RCC	• 0.45 10^12/L (3.9 - 5.6)	Final
Cell Count	MCV	• 91 fL (80 - 100)	Final
			NAME OF THE OWNER, WHITE OF THE OWNER, WHITE OF THE OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER,
Cell Count	wcc	• S.S 10^9/L (3.S - 10)	Final
Cell Count	Platelets	• 246 10^9/L (150 - 400)	Final
Test Result Group			
Group Name	Result Name	Result Value	Result Status
White cell count differential	Neutrophiis	• 3.08 10^9/L (1.5 - 6.5)	Final
White cell count differential			
	Lymphocytes	• 1.75 10^9/L (0.8 - 4.0)	Final
White cell count differential	Lymphocytes Manacytes	 1.75 10^9/L (0.8 - 4.0) 0.45 10^9/L (0 - 0.9) 	Final
White cell count differential			

	ition Result Details						
Pield	ion Result Date Time			Value 10 Nov 2010 16:33+1			
	ion Result Date Time	0		TO NOV 2010 16:33+1	000		
Result name				1,50,00000			
Modelity				cr			
Result Status				Final			
Findings				No fracture or Interna	bleeding, cen	ebral atrophy consi	stent with age.
Medications							
This section may conta	sin the following subs	sections Current	Medications On Disc	narge and Ceased Medical	dons.		
Current Med	lications On D)ischarge	adications > Current Hed	cations On Discharge)			
Current Medicatio		8.35					
Medication	Directions	Dispensed	Clinical	Duration Cl	enge Status	Change Description	Change Resi
Second State of	*********		Indication	2000 CO. 10	or and the second		**************************************
Avapro 300 mg	One tablet			٥	rrent	Change	Changed from Avapro/HCT 300mg/12.5
Actional 35 mg	One tablet weekly every Sunday morning			0	rrent	No change	No change
Ceased Medi	ications (verses	rs > Coased Hedica	Sone)				
Ceased Medicatio							
Medication Avapro/HCT		Change Made	apro 300mo onty	Change Status		Change Ressor	
		Replace with A	apro soume only	Ceased		Optimise drug t	merapy.
Plan				d Of Recommendations A			
Please ensure aspi discharge.	irin is recommenced	3 days post D	Bly BLACK		02558864	22 (WorkPlace)	
COCIO CE.			ADMINISTRA	ATIVE DETAILS			
Encounter Details				Facility			
Admission Date	3 Jun 2013 1	5:33±1000		Name	Canberra	Gerottal	
Discharge Date	4 Jun 2013 1			Work Place		a Ave, Garran, ACT	, 260S, Australia
Discharge To	Other/Home			Phone		222 (Workplace)	
Discharge From	Ward 4F			Department	Accident	and Emergency	
Specialties	Orthapaedics Emergency m	edicine					
Responsible Healt	h Professional At 1	Time Of Discha	rge				
Name	Doctor John 9						
Work Place	256 Sandgate	Rd, Albion, QLI	0, 4010, Australia				
Patient				Author			
Name	Frank HARDS	NG		Name.	Or Matth	ew Kessler (HPI-I:	
Sex	Male			Organisation		033304440) Hospital (HPI-D:	
Indigenous Status Date of Birth	 Aboriginal but 4 Oct 1949 (6 	t not Torres Stra	it Islander origin	Organisation	8003626	6077708880)	
THE	8003 6086 66			Department	Surgical 1		
	1 Australia La	ne, North Adela	de, SA, 5005,	Work Place Phone		a Ave, Garran, ACT 966 (Workplace)	, 2605, Australia
Home Address	Australia 0755886699					366 (Workplace)	
				Clinical Document D			
Phone				Document Type		rge Summary	
	Abbi@gmail.c	om (Home)				13 14:25+1000	
Phone		om (Home)		Creation Date/Time			
Phone		om (Home)		Date/Time Attester Document ID		013 14:25+1000 831083669540063	55613958402653
Phone		om (Home)		Date/Time Attested Document ID Document Set ID	2.25.264 83920 6fg39228	013 14:25+1000	
Phone		om (Home)		Date/Time Attester Document ID	2.25.264 83920	013 14:25+1000 831083669540063	
Phone		om (Home)		Date/Time Attested Document ID Document Set ID Document Version	2.25.264 83920 6fd39228	013 14:25+1000 831083669540063	



Other healthcare providers may upload an event summary





Medicines information in My Health Record

Medicines information can be found in:

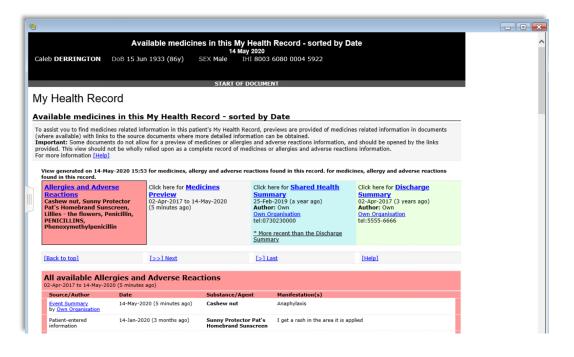
- Dispense records (pharmacies)
- Prescribing records (general practices, specialists)
- Medicare/PBS information (Services Australia)
- Shared health summaries (general practices)
- Discharge summaries (hospitals)
- Event summaries (all healthcare providers)
- Personal health summary (entered by the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



Medicines Information View – Medicines tab

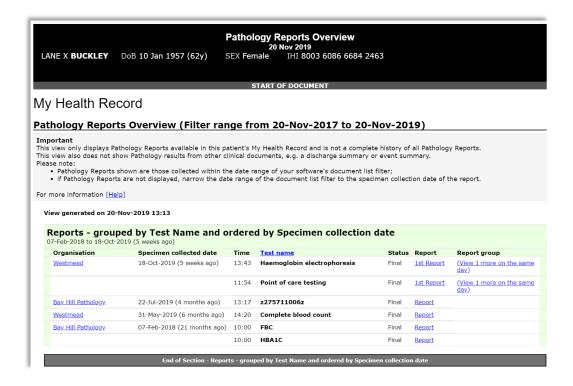


Allergies information in My Health Record

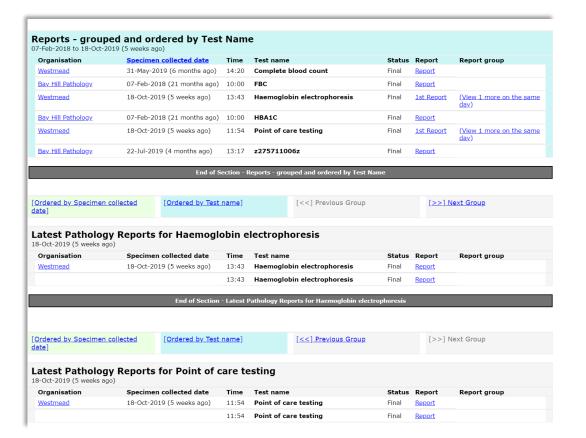




Pathology reports overview in My Health Record

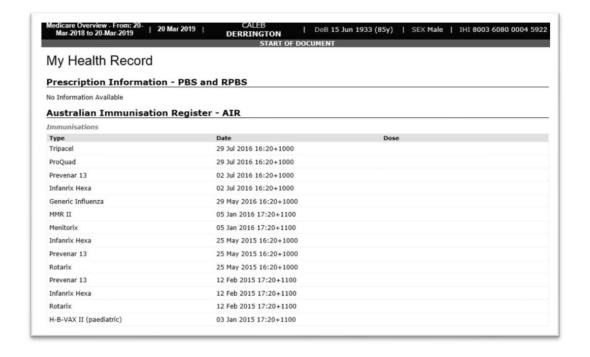








Australian Immunisation Register – via Medicare overview





My Health Record security



- Many safeguards are in place to protect the My Health Record system.
- These include strong encryption, firewalls, secure login processes and audit logging.



- The Agency's Cyber Security
 Centre monitors the system.
- Health information in the system is protected by legislation.
- Significant penalties apply for deliberate misuse.

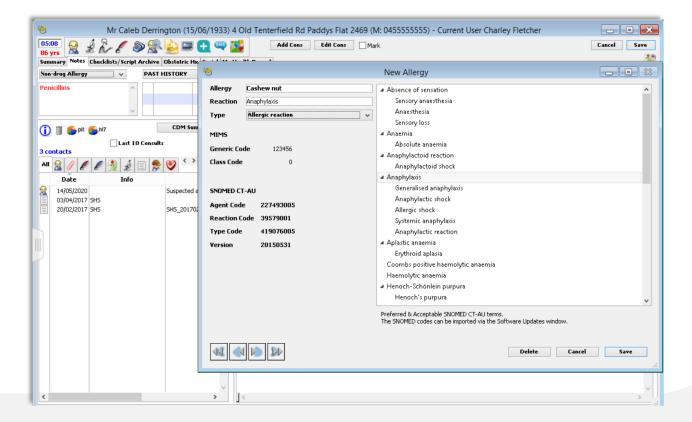


- All data within the My Health Record system is stored securely in Australia.
- External software goes
 through a conformance
 process before it is allowed
 to connect.



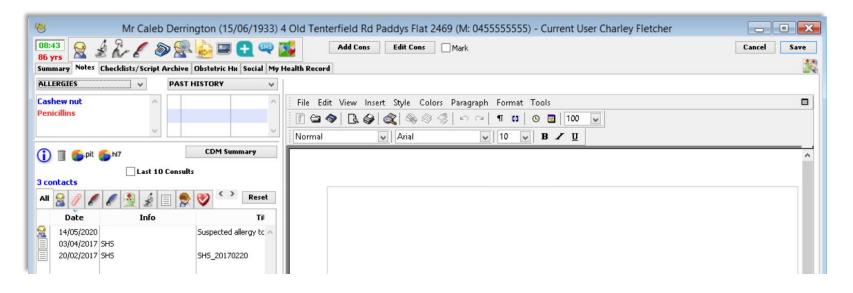
Using My Health Record in your clinical practice

Update your local clinical record using coded fields





Click on the My Health Record tab





Send an event summary

- Click on the *Create new document* icon (on the right side of the screen)
- Select Send an event summary





Record the changes

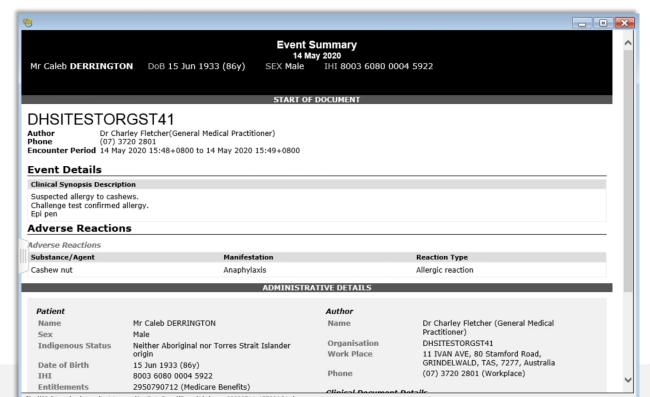
- Record the changes you wish to upload
- Click Ok

			Event	Summary			
	F	Please record the ch	nanges which you	ı want to up	load to My Hea	alth Record:	
	ument Name:	ES_20200514 Import Last Consultation	on Notes	clinic ongo shoul	ally significant healthcare ng care of an individual. I	apture key health information at event that could be relevant to It is not a complete health sumr on, nor should it replace direct hoare providers.	the
Susp	ected allergy to denge test confirm	cashews. ned allergy.					
	Newly Iden	tified Adverse Reactions	Manifestation	Date	:	Immunisations	
✓	Cashew nut		Tarapity tarks	^ \			
			Medications			Category	
			Medications			Category	
			Medications			Category	
	Date	Diagnosis/Inter		Table Proc.		Lategory	
	Date	Diagnosis/Inter		Table Proc.			
	Date Date	Diagnosis/Inter	rventions	Table Proc.	Laboratory		ogy
	*		rventions	Table Proc.	Laboratory	Notes	ogy
	*	Diagnostic Investigation	rventions	Table Proc.	Laboratory	Notes	ogy



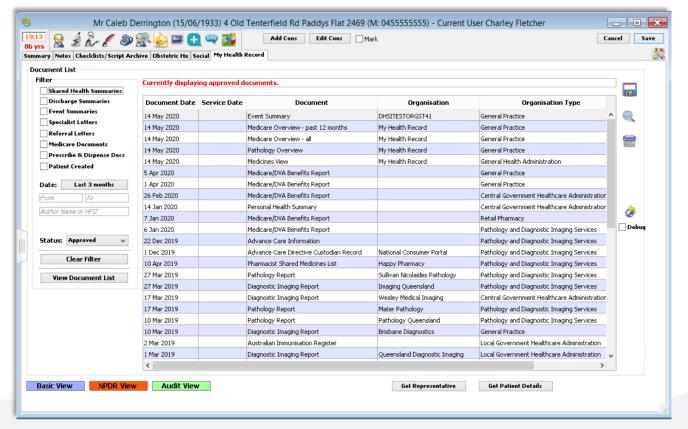
Preview event summary

Preview event summary then click Send



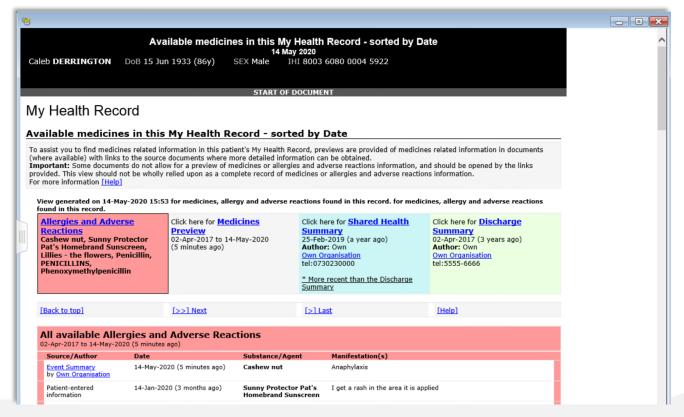


Event summary is listed in the My Health Record document list





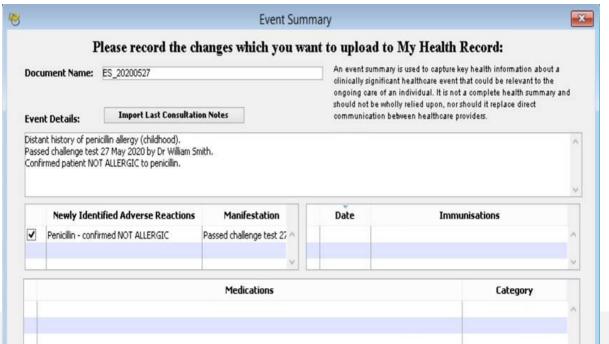
Medicines Information View – including content from uploaded event summary





De-labelling an allergy – Genie Solutions software

- De-labelling an allergy
- Update local allergy information
- Upload an event summary to My Health Record



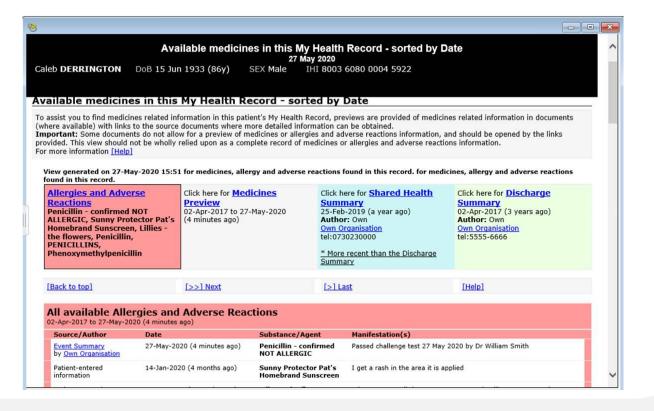


De-labelling an allergy event summary preview





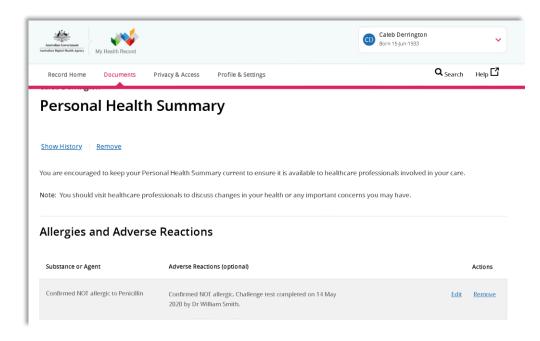
Medicines Information View — including de-labelled allergy content





For specialists without conformant software

- Encourage patients to add allergy information to their My Health Record via a personal health summary
- This can include de-labelling information.
- Remember to include:
 - 'confirmed not allergic'
 - date of challenge test
 - name of specialist.





Specialist letter wording for GP

- Encourage referring GPs to update and upload a new shared health summary
- Specialist letter wording for GP:

"This patient has been confirmed as allergic to X, Y and confirmed not allergic to Z.

Please update your local clinical records accordingly.

If you use My Health Record, please consider uploading an updated shared health summary for this patient to ensure allergy information is accurate."





How can patients engage with their My Health Record?

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).



Access Code (RAC).

In a consultation, the patient will need to give you the code to allow access to their record.



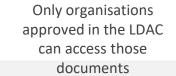
In an emergency, a clinician can exercise a 'break glass' facility to allow temporary access



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



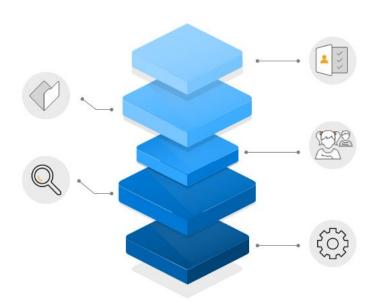


How can I make My Health Record work in my practice?

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



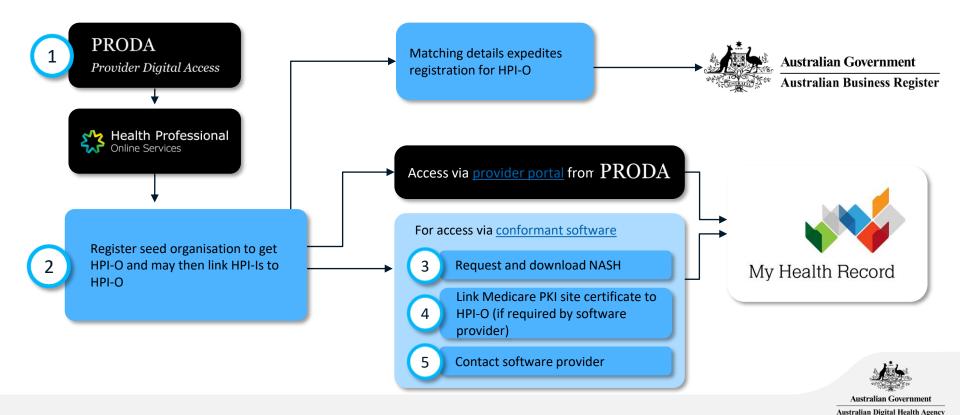
Ensure there is My Health Record security and access policy

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

Ongoing participation and obligations



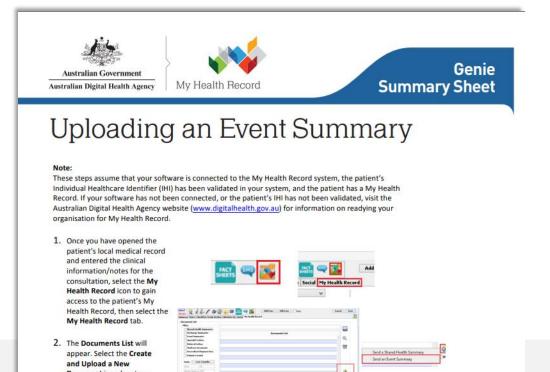
My Health Record – organisation registration steps



Resources

Clinical software summary sheets

There are summary sheets for a range of clinical software products with step-by-step instructions and screenshots.





HEALTH RECORD

National allergy strategy website

Information for health professionals about My Health Record

- Fact sheet
- Getting started with My Health Record
- Event summary: A guide for clinical immunology/allergy specialists





Questions and answers

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

LinkedIn: linkedin.com/company/australian-digital-health-agency

Facebook: https://www.facebook.com/AuDigitalHealth

Twitter: twitter.com/AuDigitalHealth



Australian Government

Australian Digital Health Agency

