

Clinical Design Group

Wednesday 16th April 2025

Please note that this meeting is being recorded and posted online



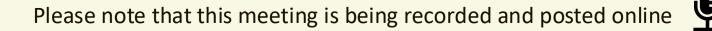


Acknowledgement of Country

We acknowledge the Traditional Custodians of the land on which we all gather today.

We pay our respect to elders past, present, and emerging and extend our respect to all Aboriginal and/or Torres Strait Islander people, acknowledging the First Peoples as the first scientists, educators and healers.







Agenda

- TDG update AU Core, AU Patient Summary, AU eReq (20 min)
- AUCDI R2 overall update (content, feedback + backlog update)
- Aged Care report
- PS and RFE/ER
- CCM
- Upcoming
 - May Symposium
 - July





Objectives



Updating the CDG on the AUCDI Release 2, AU Patient Summary, AU Core, AU Patient Summary and AUeRequesting



Understand and recap requirements for Patient Summary and **Encounter Record**



Understand and recap requirements for Shared Care Plans and **Chronic Condition Management**





Please note that this meeting is being recorded and posted online

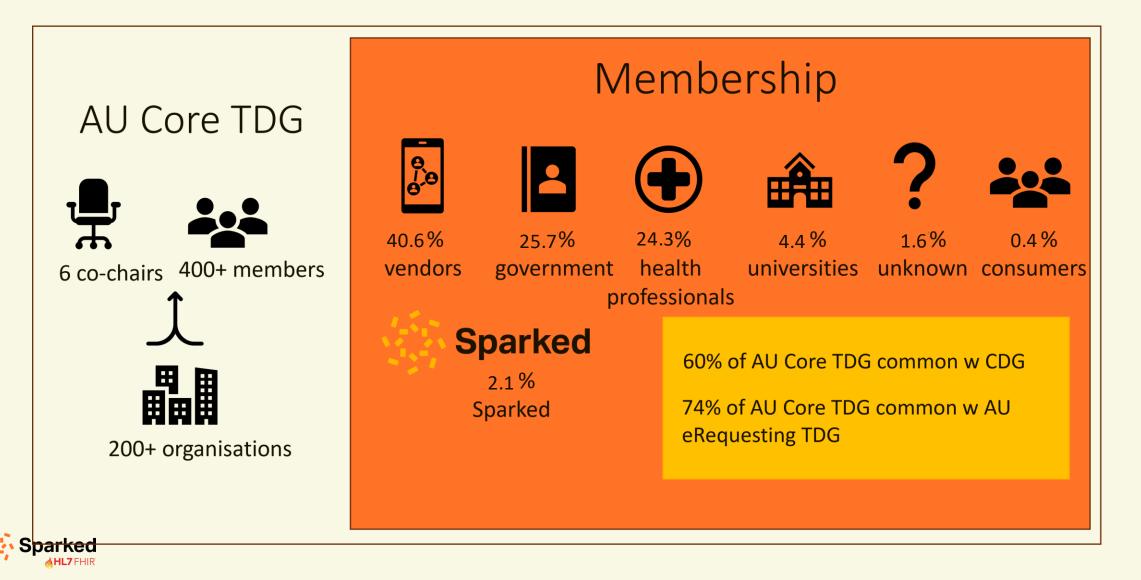
Technical Design Groups Update

AU Core and AU Patient Summary Landon Reilly AU Core Co-chair/Best Practice Software

AUCDI R2 AU Patient Summary / AU Core IG Update



FCP activities - membership

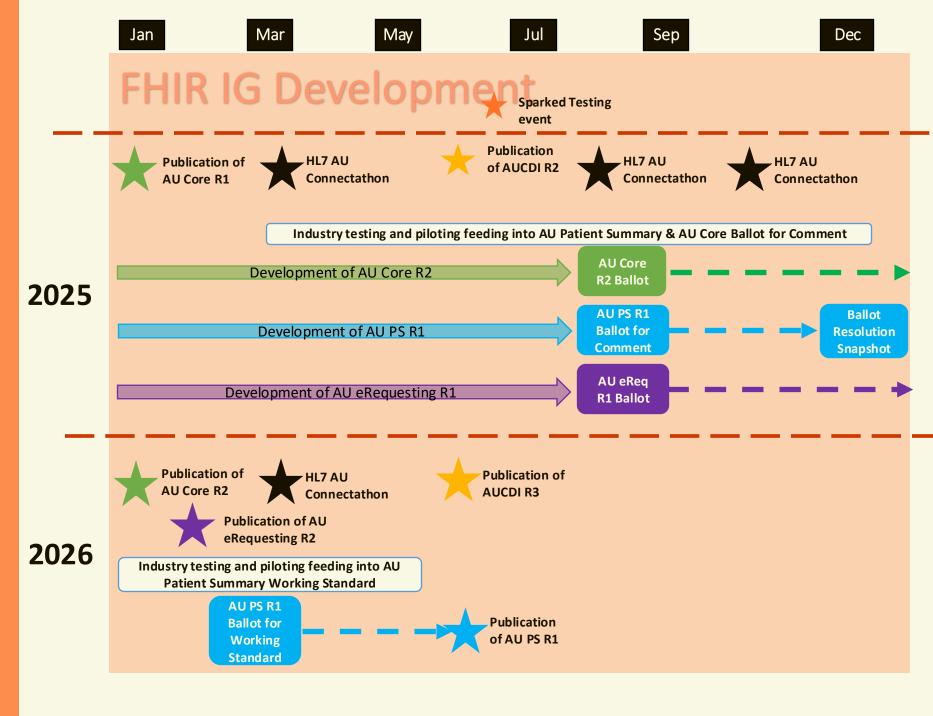


AU Core R2 Target Release Timeline

- Incremental enhancement of AU Core and support for downstream projects
- R2 Ballot for Working Standard in the August/September 2025 cycle
- Continued updates on a yearly / 15-monthly cycle from then on

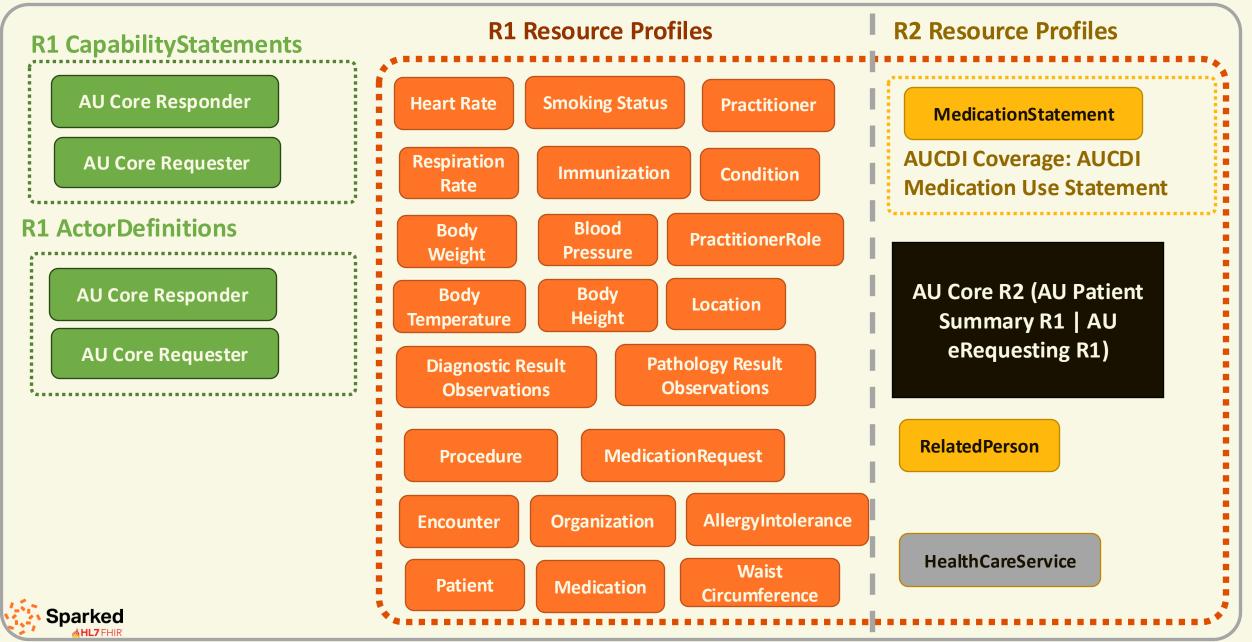
AU PS R1 Target Release Timeline

- R1 Ballot for Comment in the August/September 2025 cycle
- R1 Ballot for Working Standard in the February/March 2026 cycle,
- R1 Published June 2026





AU Core R2 at a glance

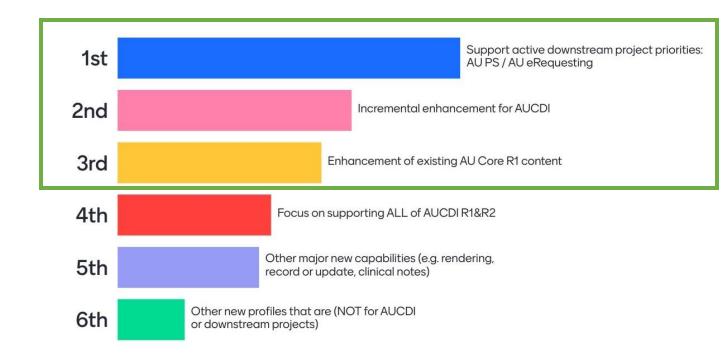




Quick Recap: Focus for AU Core R2

- 1. Support AU PS & AU eRequesting priorities
- 2. Incremental enhancement of AUCDI coverage
- 3. Enhancement of existing AU Core R1 content

What should the focus of AU Core R2 should be?

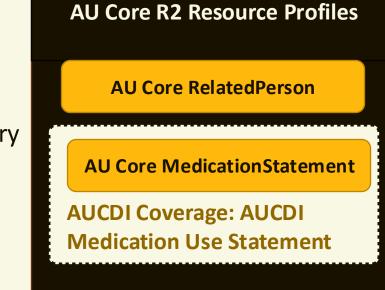






Quick Recap: AU Core R2 Scoping workshop outcomes

- New profiles:
 - AU Core RelatedPerson supporting AU Patient Summary
 - AU Core MedicationStatement supporting AU Patient Summary
- AUCDI coverage enhancement
 - Medication Use Statement
- Enhancement of existing content
 - To come through proposals / spec feedback
- Overall, AU Core Backlog validated broad range of items are of interest
 - <u>https://confluence.hl7.org/display/HAFWG/AU+Core+Backlog</u>
 - <u>https://confluence.hl7.org/display/HAFWG/AU+Core+Parking+Lot+of+Discussion+Topics+and+Ideas</u>









Achievements – AU Core Achievements Feb–Mar 2025

AU Core RelatedPerson (6 Feb 2025)

• Must Support, constraints, interactions

AU Core MedicationStatement (6 Mar 2025)

- Must Support, AUCDI mapping, interactions
- **Dosage Must Support** (18 Mar 2025)
 - Must Support (dosage text)



HL7 AU Connectathon AU Core (19–20 March 2025)



Connectathon, testing, and reference implementations

 Vendor testing for AU Core and AU Patient Summary.

- Allow implementers new to get started with AU Core.
- 12 Participating organisation
- Tested AU Core R2:
 - MedicationStatement
 - RelatedPerson
- Both resources reached **AFMM 2 maturity**.

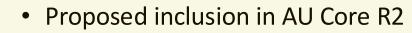
- Extranet
- Intersystems
- Best Practice
- Orion Health
- MediRecords
- Intervise
- Interfuze
- Oracle
- NSW Health
- Tech Intro
- Beda
- Sonic





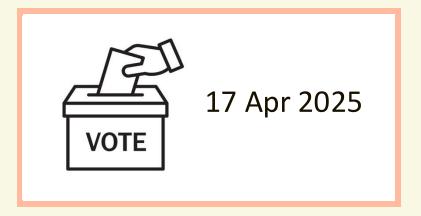
HealthcareService Proposal





- Starting proposal for consultation includes:
 - AU generic requirements
 - Should remain use-case agnostic

- FHIR Implementation Guides
 - AU Core
 - AU eRequesting
 - AU Patient
 Summary







Quick Recap: AU PS R1 FHIR

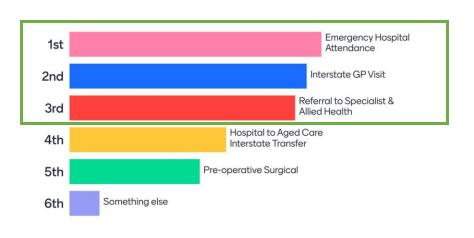


Outcome	Meeting
AU Patient Summary to be compliant with IPS and AU Core	15 November 2024
Target dependencies for AU PS R1: FHIR R4, IPS 2.0.0, AU Core R2, AU Base R5	29 November 2024
Consumer journeys & technical use cases we should focus on in AU PS R1	29 November 2024

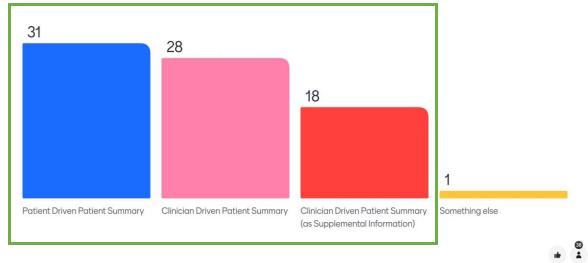
Mentimeter

Which consumer journeys should we focus on for AU Patient Summary in R1?

Sparked



Which technical use case fit your Patient Summary use case?



Mentimeter



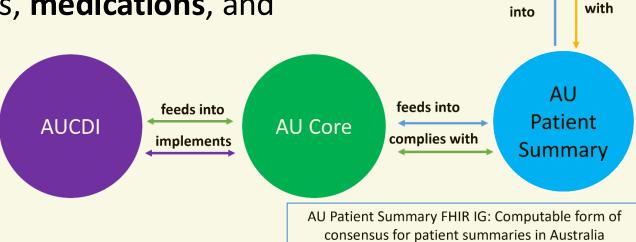
IPS

feeds

complies

AU Patient Summary FHIR IG R1 Focus

- Working through what it means to generate (author) and view patient summaries in an Australian healthcare context in the following cases:
 - Interstate GP Visit Patient Driven use case
 - Emergency Hospital Admission Clinician Driven Patient Summary use case
 - Referral to Specialist and Allied Health Clinician Driven Patient Summary (as Supplemental Information) use case
- Working through localising patient and provider demographics, document context, problems, allergies, medications, and immunisations (vaccination).







AUCDI Release 2 – Patient Summary

Problem/Diagnosis

- Problem/diagnosis
- Body site/laterality
- Date/time of onset •
- Date/time of resolution •
- Comment
- Last updated

Adverse reaction risk

summary

- Substance name
- Date/time of onset of first •

reaction

- Manifestation/s
- Severity of reaction •
- Comment
- Last updated

Sex and Gender Summary

- Sex assigned at birth
- Gender identity
- Pronouns
- Last updated

Last Menstrual Period assertion

- Date of onset
- Certainty
- Date of assertion

Pregnancy assertion

- Pregnancy assertion
- Justification
- Date of assertion

Estimated date of delivery summary

- EDD by cycle •
- EDD by ultrasound
 - Date of ultrasound
 - Gestation by scan
- Last update •

AU PS

Focus of R1 – localisation (understanding of AU requirements)

R2 ??

Procedure completed

- Procedure name
- Body site/laterality
- Clinical indication
- Date performed
- Comment

Vaccination administered even

- Vaccine name
- Sequence number
- Date of Administration
- Comment

Medication use

- Form
- Dose amount and timing
- Clinical indication

statement Medication name

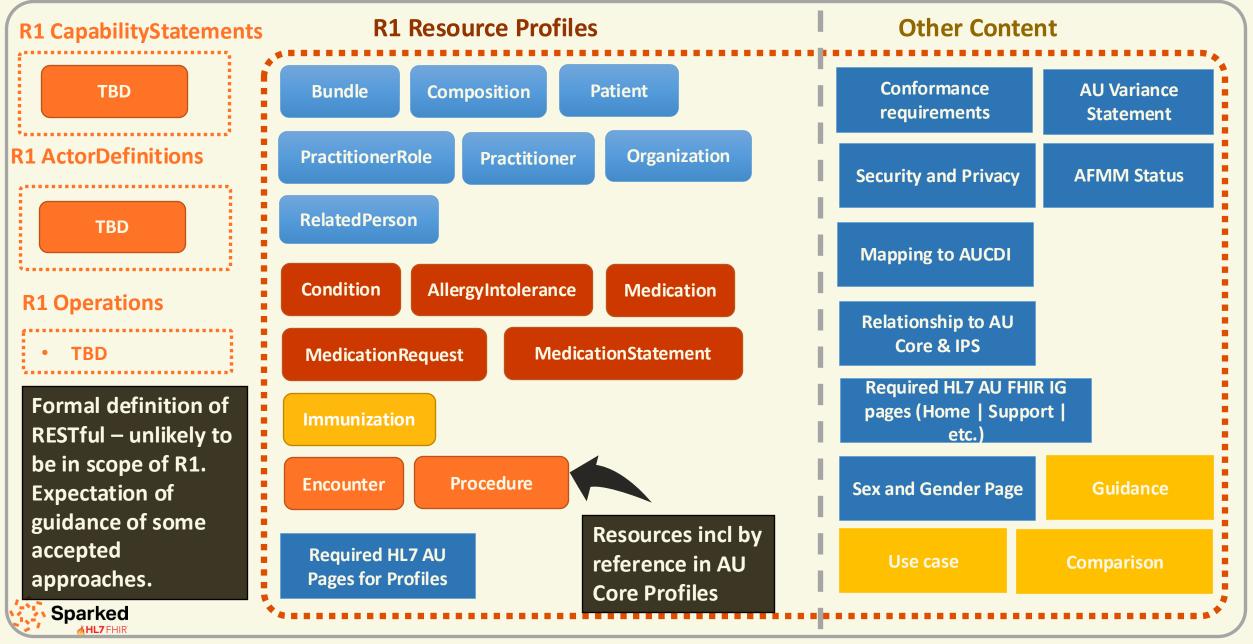
- Strength

Route of administration

Comment

Date of assertion

AU PS R1 Scope -> Ballot for Comment Scope



HL7 AU Connectathon Patient Summary (19–20 March 2025)



Connectathon, testing, and reference implementations

 Vendor testing for AU Core and AU Patient Summary.

- Start generating, retrieving and viewing AU Patient Summary documents based on the draft AU Patient Summary IG
- Access via Smart Health Links, QR codes, or standard FHIR operations
- Key Discussions:
 - Sharing with My Health Record (MHR)
 - Exploring secure, exchange methods



	Producer	Consumer
!)	Beda Software	Beda Software
	Best Practice Software	Intervise
	Health Intersections	
	MediRecords	
	Orion Health (NZ)	
	Tech Intro	



Coverage of AU Patient Summary requirements



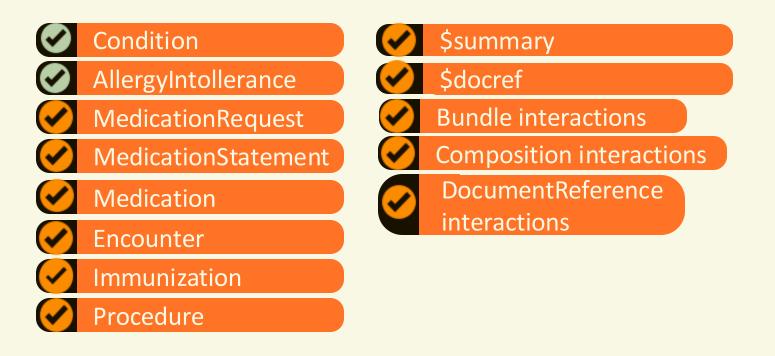
Covered: >= 3 systems tested 100% Must Support & Mandatory elements / conformance requirements

Covered: >= 3 systems tested >80% but <100% Must Support & Mandatory elements / conformance requirements

Additional coverage desired: <80% Must Support or Mandatory elements / conformance requirements

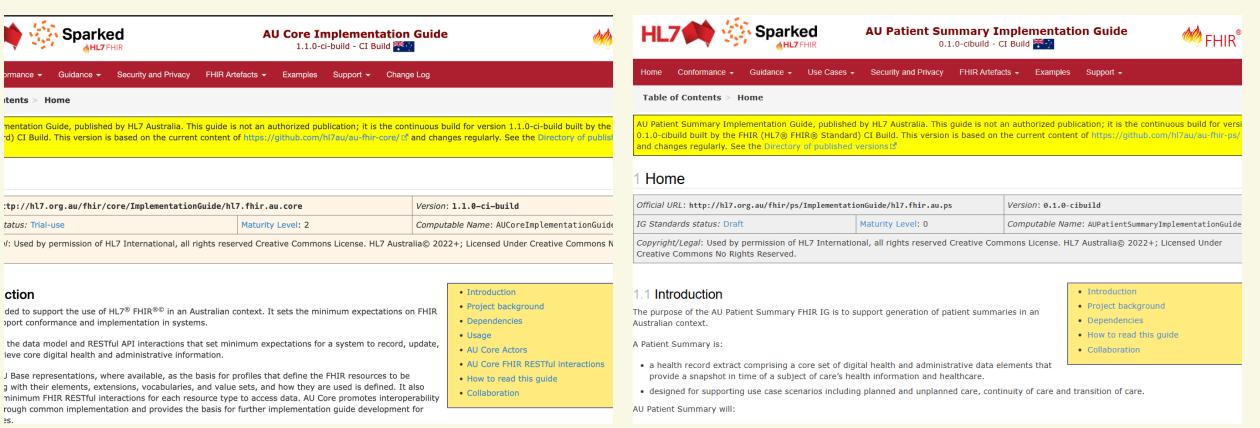








AU Patient Summary FHIR IG and AU Core R2 – drafts now live and open for review!







AU eReq

Michael Wilson AU eReq Co-chair/Sparked



AU eRequesting Implementation Guide 0.3.0-ci-build - CI Build

Introduction

• Dependencies

Collaboration

Project background

How to read this guide

• AU eRequesting FHIR RESTful interactions

• AU eRequesting typical sequence





Home Conformance Guidance Vise Cases FHIR Artefacts - Examples Support - Change Log

Table of Contents > Home

AU eRequesting Implementation Guide, published by HL7 Australia. This guide is not an authorized publication; it is the continuous build for version 0.3.0-ci-build built by the FHIR (HL7® FHIR® Standard) CI Build. This version is based on the current content of https://github.com/hl7au/au-fhir-erequesting/ and changes regularly. See the Directory of published versions

1 Home

Official URL: http://hl7.org.au/fhir/ereq/ImplementationGuide/hl7.fhir.au.ereq		Version: 0.3.0-ci-build	
	IG Standards status: Draft	Maturity Level: 0	Computable Name: AUeRequestingImplementationGuide
Copyright/Legal: Used by permission of HL7 International, all rights reserved Creative Commons License. HL7 Australia© 2024+; Licensed Under Creative Commons No Right			

Copyright/Legal: Used by permission of HL7 International, all rights reserved Creative Commons License. HL7 Australia© 2024+; Licensed Under Creative Commons No Rights Reserved.

1.1 Introduction

AU eRequesting is provided to support the use of HL7[®] FHIR^{®©} for diagnostic requesting in an Australian context. It sets the minimum expectations on FHIR resources to support conformance and implementation in systems.

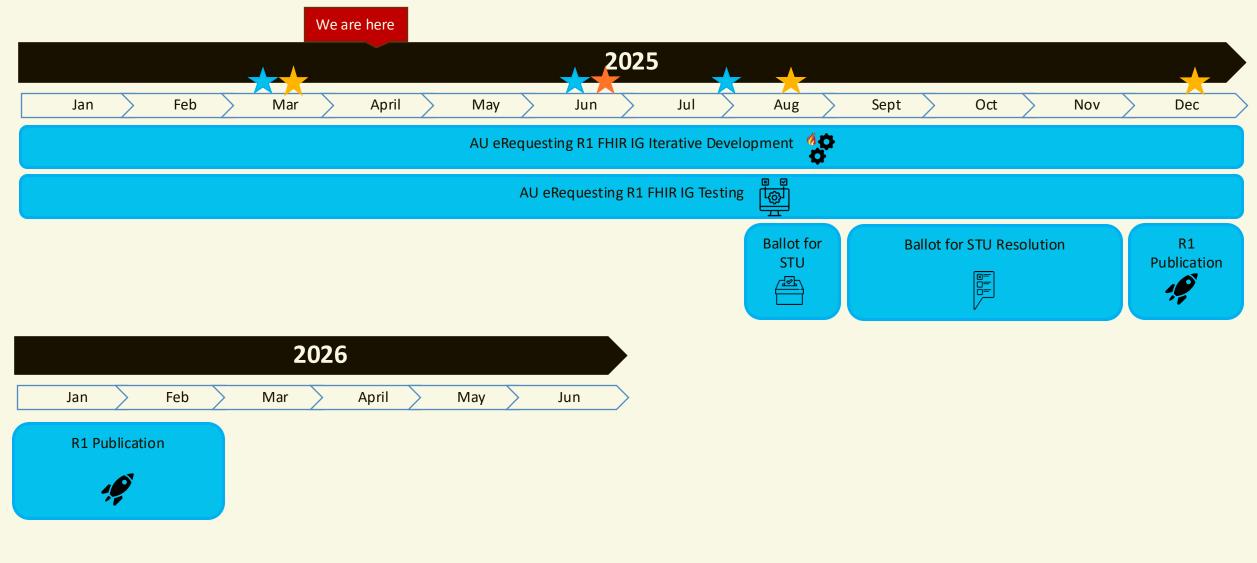
AU eRequesting defines the data model and RESTful API interactions that set minimum expectations for placing and accessing electronic requests.

The focus of AU eRequesting Release 1 (R1) is support of pathology and medical imaging requests in community-based care provision, with consideration for future use beyond this scope.

https://build.fhir.org/ig/hl7au/au-fhir-erequesting/



AU eRequesting R1 FHIR Implementation Guide Timeline



AU eRequesting Current R1 Features

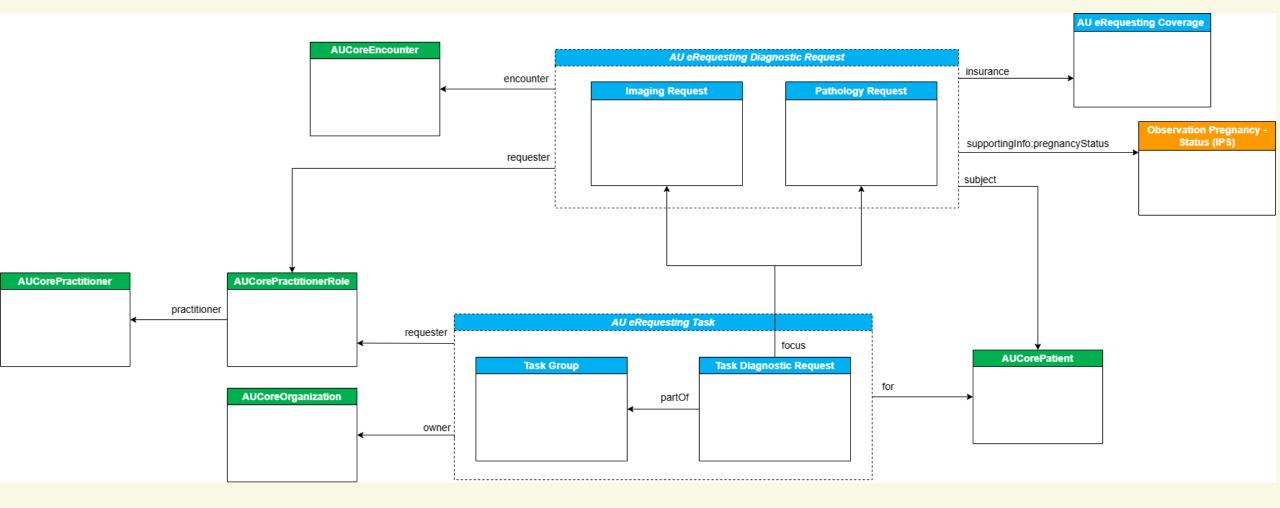
 	•
2	

Feature	AU eRequesting FHIR IG Implementation
Medical Imaging Diagnostic Request	AU eRequesting Imaging Request
Pathology Diagnostic Request	AU eRequesting Pathology Request
Report Distribution List	AU eRequesting Communication Request CopyTo
Urgent Contact	CommunicationRequest Feature Proposals
Patient Contact	CommunicationRequest Feature Proposals
Fasting Status	AU eRequesting Diagnostic Request fastingPrecondition
Pregnancy Status	<u>AU eRequesting Diagnostic Request</u> supportingInfo:pregnancyStatus <u>Observation Pregnancy - Status (IPS)</u>
Service Timing	AU eRequesting Diagnostic Request occurrence[x]
Payment Options	AU eRequesting Diagnostic Request insurance AU eRequesting Coverage
Rule 3 Exemption	<u>AU eRequesting Diagnostic Request</u> quantity[x] <u>AU eRequesting Diagnostic Request</u> occurrence[x]
MHR Consent Withdrawal	AU eRequesting MHR Consent Withdrawal
Fulfilment Tracking	AU eRequesting Task Diagnostic Request
Request Grouping	AU eRequesting Diagnostic Request requisition (PGN) AU eRequesting Task Group AU eRequesting Diagnostic Request displaySequence





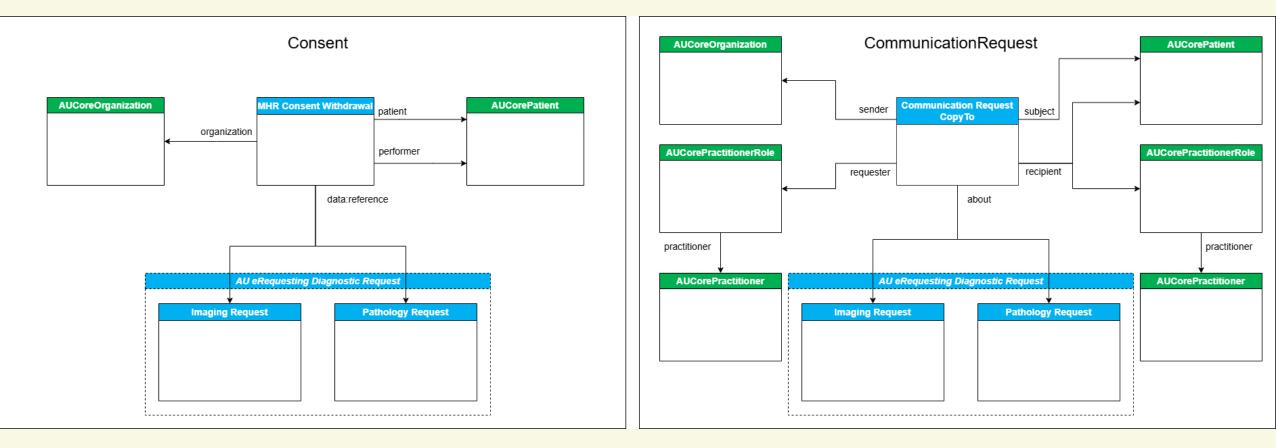
AU eRequesting FHIR Profiles







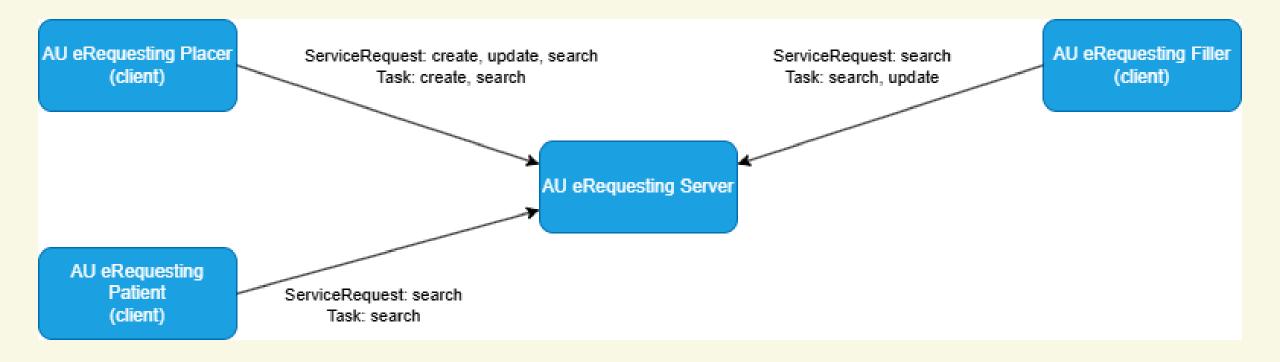
AU eRequesting FHIR Profiles





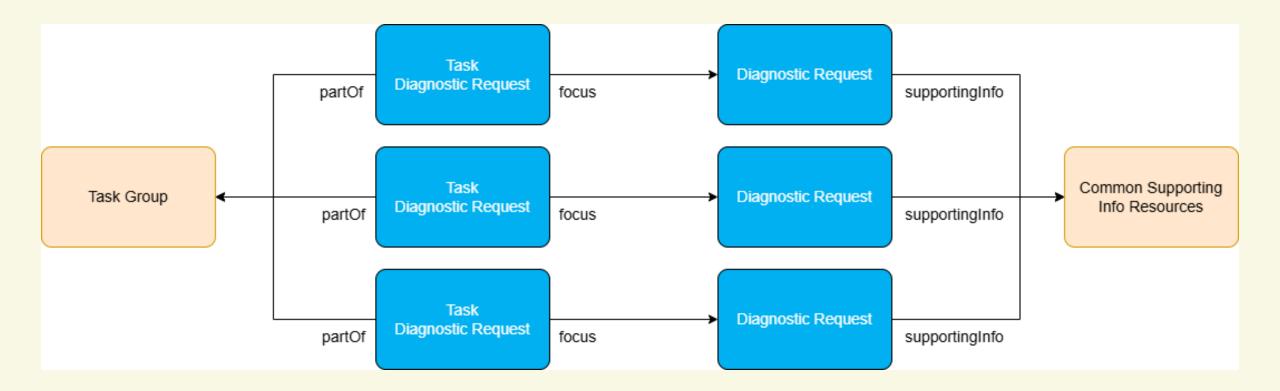


AU eRequesting IG Actors





AU eRequesting IG Group Features

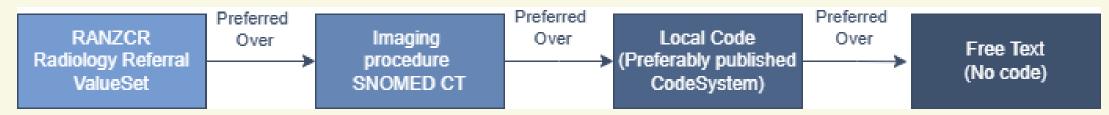




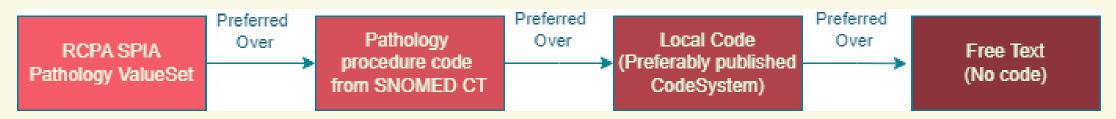


Diagnostic Request Coding Guidance

Imaging Request Coding Guidance



Pathology Request Coding Guidance



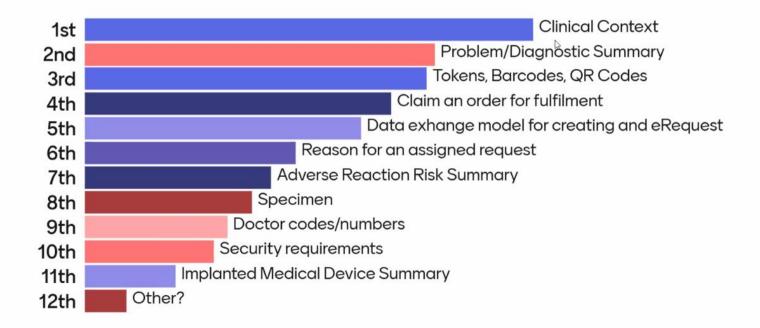




Next Priorities Identified by TDG

Mentimeter

Rank any features that are priorities for AU eRequesting R1 FHIR IG





AUCDI R2 Update

What is AU Core and Australian Core Data set for Interoperability (AUCDI)?

Specifies "WHAT" <u>clinical information</u>
(and corresponding data elements and terms) should
be included for data entry, data use and sharing
information supporting patient care

TDG is here

CDG is

here



Specifies "HOW" the core set of data (above) and information should be <u>structured, accessed</u> and <u>shared</u> between systems



AU

CDI

AUCDI Release 2

Release 1

"Core of the core"

Concepts for a health summary (guided by clinical

content of IPS)



Release 2

Patient summary Chronic Condition Management Encounter information (including reason for encounter)*

Release 3

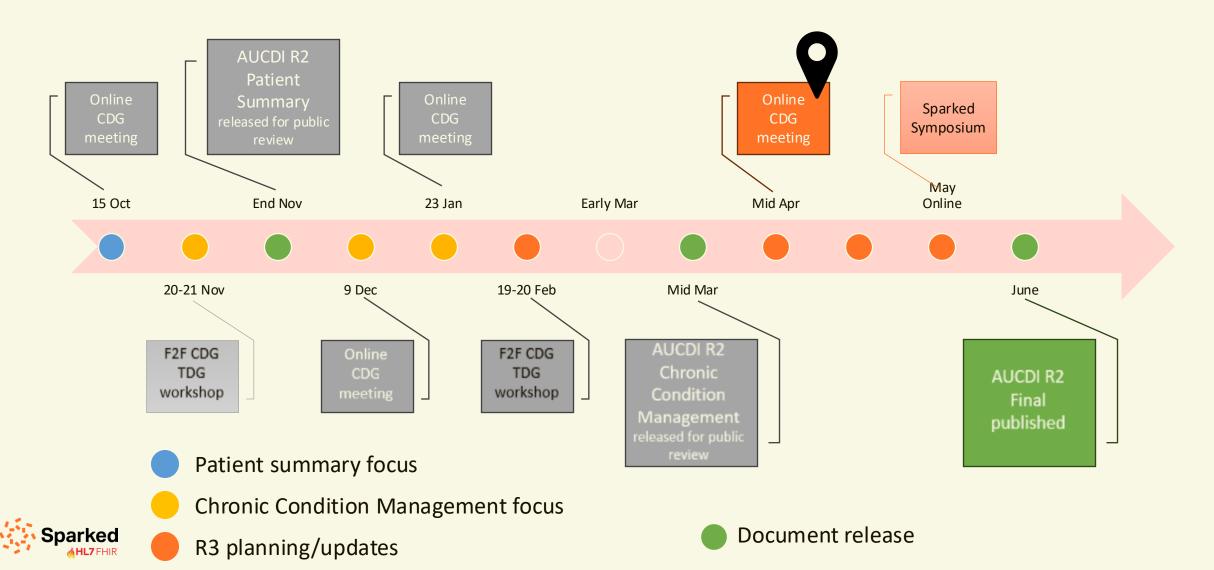
AUCDI – iteratively growing



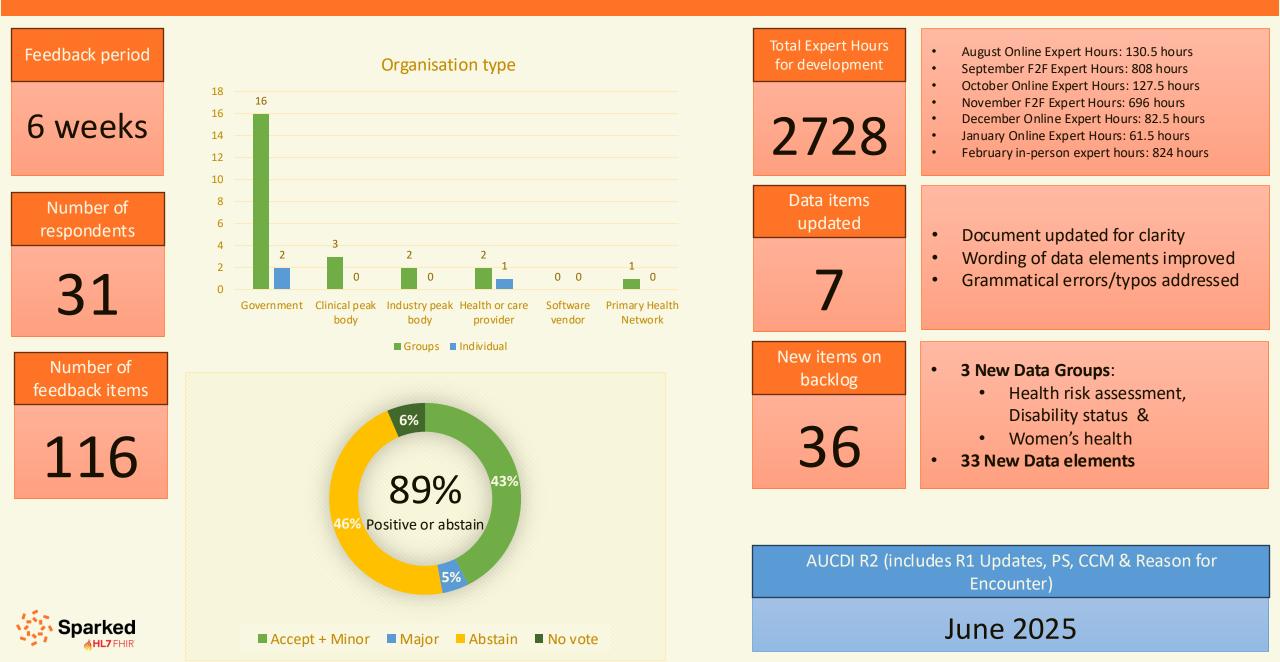
*CDG scoping and requirement gathering for future releases



AUCDI R2 schedule



AUCDI Release 2 Patient Summary Component





Patient Summary Community Feedback



- Overall: positive feedback
- Requests for additional Data Groups
 - Activities of Daily Living (ADLs) Feeding, Bathing, Mobility



- Instrumental Activities of Daily Living (iADLs) House cleaning, managing finances, managing medications, communication
- *Plan of care
- *Care team members
- Questions about implementation
 - Vendor Progress
 - Terminologies
 - Value Sets





AUCDI Release 2 – Patient Summary

Problem/Diagnosis

- Problem/diagnosis name
- Body site/laterality
- Date/time of onset
- Date/time of resolution
- Status
- Comment
- Last updated

Adverse reaction risk

summary

- Substance name
- Date/time of onset of first

reaction

- Manifestation/s
- Severity of reaction
- Comment
- Last updated

Sex and Gender Summary

- Sex assigned at birth
- Gender identity
- Pronouns
- Last updated

Last Menstrual Period assertion

- Date of onset
- Certainty
- Date of assertion

Pregnancy assertion

- Pregnancy assertion
- Justification
- Date of assertion

Estimated date of delivery summary

- EDD by cycle
- EDD by ultrasound
 - Date of ultrasound
 - Gestation by scan
- Last update

Procedure completed

- Procedure name
- Body site/laterality
- Clinical indication
- Date performed
- Comment

Vaccination administered event

- Vaccine name
- Sequence number
- Date of Administration
- Comment

Medication use statement

- Medication name
- Form
- Strength
- Route of administration
- Dose amount and timing
- Clinical indication
- Comment
- Date of assertion

Draft for community comment released in November 2024 Draft for community comment completed Finalising updates and feedback responses New content for AUCDI Release 2 are noted in black text

Patient Summary Clinical Focus Group update

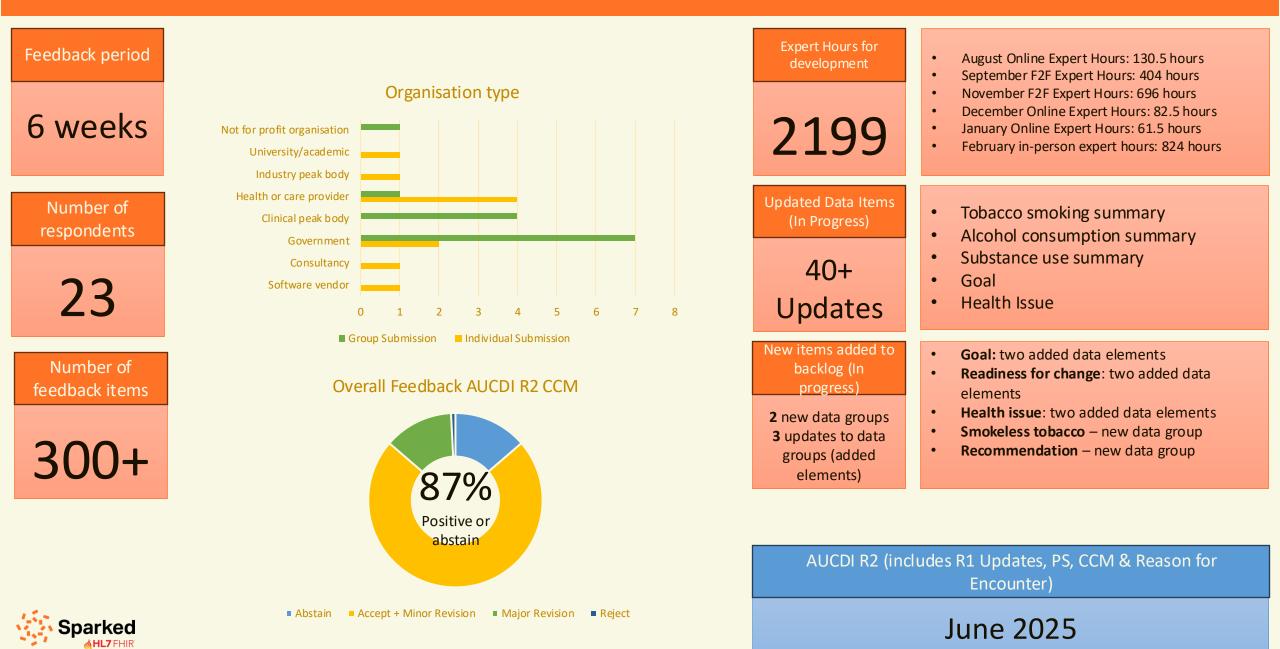
- 5 Patient Summary Consumer Journey maps developed
 - Interstate GP Visit
 - Emergency Hospital Attendance
 - Referral to Specialist & Allied Health
 - Hospital to Aged Care Interstate Transfer
 - Pre-operative Surgical Journey
- Unbound by system limitations



- Illustrate the interactions and use of a patient summary during a consumer's healthcare journey
- Are being used by the AU Patient Summary FHIR IG project



AUCDI Release 2 Chronic Condition Management Component (in progress)





Chronic Condition Management Community Feedback (Update)

- Overall: positive feedback
 - Requests for additional Data elements
 - Readiness for change
 - Goals
 - Health Issue
 - Requests for additional Data Groups
 - Smokeless tobacco
 - Recommendation



AUCDI Release 2 – Chronic Condition Management

Description

Comment

Description

Description

Therapy type

Description

•

supply



Health Issue

- Issue name
- Description
- Date of onset
- Last updated

Goals

- Goal name
- Description
- **Clinical indication**
- Initiator role •
- Initiator •
- Start date •
- Proposed end date •
- Actual end date •
- Outcome •
- Comment •
- Last updated

Service request (generic)

- Clinical indication
- Clinical context
- Service due

- Billing guidance

Substance use summary Substance name **Overall status**

- Overall comment
- Last update

Tobacco smoking

summary

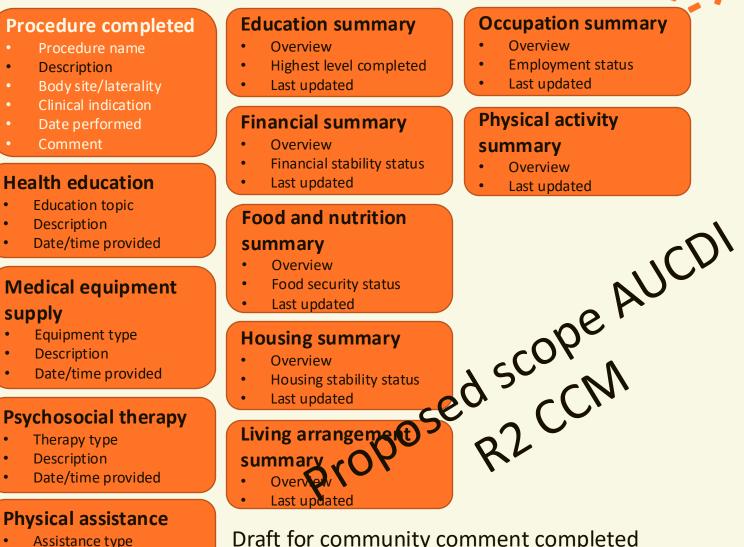
- **Overall Status**
- Last updated
- Type
 - Status
 - Typical use
 - Comment
- Overall quit date
- Overall years of smoking
- **Overall pack years**
- **Overall comment**

Alcohol consumption

summary

- Overall status
- **Overall comment**
- Last update

- Description •
 - Date/time provided



Draft for community comment completed Finalising updates and feedback responses

> New content for AUCDI Release 2 are noted in black text Service request brought across from AUeReqDI R1

Chronic Condition Management Clinical Focus

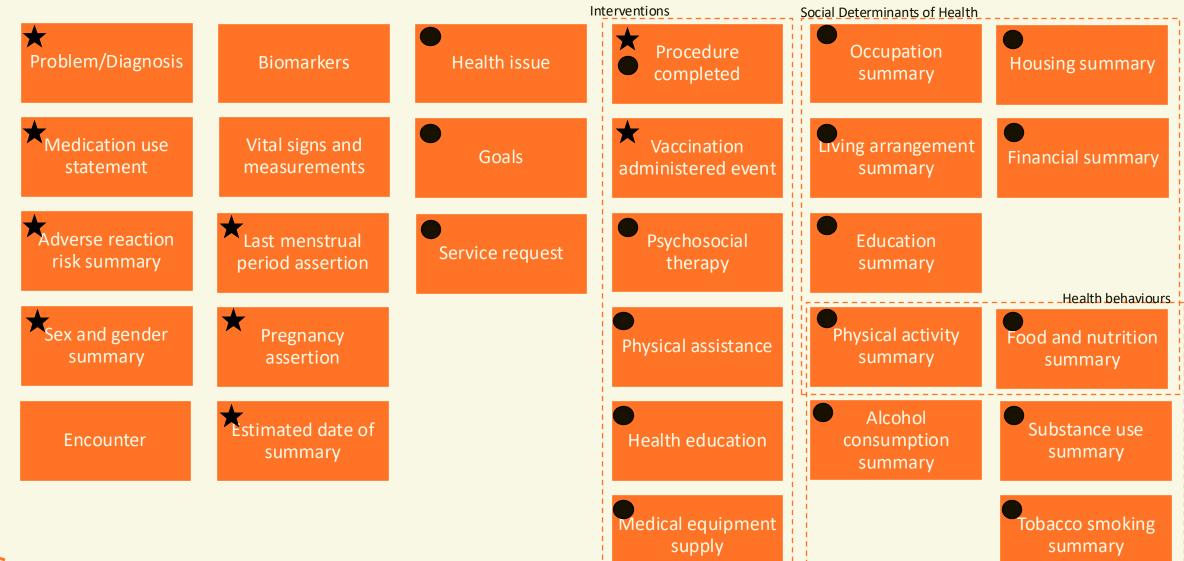
- Has had first meeting
- Starting on Journey maps
 - Unbound by system limitations
- All outputs will be put up on the Sparked website



Patient summary

Chronic condition management (proposed)

Scope of AUCDI Release 2



Sparked

Due to be published June 2025



Scope of AUCDI Release 2 (part 1/2)

 Problem/Diagnosis Problem/diagnosis name Body site/laterality Date/time of onset Date/time of resolution Status Comment 	Medication usestatement• Medication name• Form• Strength• Route of administration• Dose amount and timing	 Procedure completed Procedure name Description Body site/laterality Clinical indication Date performed Comment 	Vaccination administeredevent• Vaccine name• Sequence number• Date of Administration• Comment	 Pregnancy assertion Pregnancy assertion Justification Date of assertion Last Menstrual Period assertion
Last updated Adverse reaction risk	 Clinical indication Comment Date of assertion 	 Psychosocial therapy Therapy type 	 Health education Education topic Description 	Date of onsetCertaintyDate of assertion
 summary Substance name Data (time of encot of 		DescriptionDate/time provided	Date/time provided Medical equipment	Estimated date of delivery summary
 Date/time of onset of first reaction Manifestation/s Severity of reaction Comment 	 Vital signs* Blood pressure Systolic Diastolic Pulse 	 Physical assistance Assistance type Description Date/time provided 	 supply Equipment type Description Date/time provided 	 EDD by cycle EDD by ultrasound Date of ultrasound Gestation by scan
Last updated	RateBody temperature	Biomarkers*	Encounter – clinical	Last update
Sex and Gender Summary • Sex assigned at birth • Gender identity • Pronouns • Last updated	 Respiration Rate Measurements* Height/length Body weight Waist circumference 	 HDL LDL Total Cholesterol Triglycerides HbA1c eGFR uACR 	contextReason for encounterModality	

Sparked

Scope of AUCDI Release 2 (part 2/2)

Goals

- Goal name
- Description
- Clinical indication
- Initiator role
- Initiator
- Start date
- Proposed end date
- Actual end date
- Outcome
- Comment
- Last updated

Health Issue

- Issue name
- Description
- Date of onset
- Last updated

Service request (generic)

- Service name
- Clinical indication
- Clinical context
- Urgency
- Service due
- Comment
- Distribution list
- Urgent contact

Billing guidance

Alcohol consumption

summary

- Overall status
- Overall comment
- Last update

Substance use

summary

- Substance name
- Overall status
- Overall comment
- Last update

Tobacco smoking summary

- Overall Status
- Last updated
- Туре
 - Status
 - Typical use
 - Comment
- Overall quit date
- Overall years of smoking
- Overall pack years
- Overall comment

Housing stability status Last updated Living arrangement summary Overview Last updated

Housing summary

Overview

•

Occupation summary

- Overview
- Employment status
- Last updated

Physical activity

- summary
- Overview
- Last updated

Education summary

- Overview
- Highest level completed
- Last updated

Financial summary

- Overview
- Financial stability status
- Last updated

Food and nutrition summary

- Overview
- Food security status
- Last updated

	Adverse reaction risk
	summary
\sim	Adverse reaction status
Ц Ц	Clinical management description
	Clinical status
	Clinical verification
\square	Confirmation of attestation of
	allergy
NC	Criticality
$\overline{}$	Date exposed to substance
	Dose/frequency and form
Al	Initial exposure
	Method of diagnosis/Clinical
0	evidence
to	Onset of most severe reaction
	Onset of last reaction
	Duration of reaction
Ision	Onset related to clinically relevant
. <u> </u>	date
S	Onset of initial exposure
exten	Duration of exposure
	Patient must avoid statement
Ψ,	Reaction mechanism
(t	Severity
X	Status
Φ	Timing and duration of exposure
	Type/Category
•	Type of reaction
50	Verification status
$\tilde{\mathbf{O}}$	reaction event
klo	- Date of manifestation
$\overline{}$	- Dosage
	- Formulation and strength
)E	- De labelling
(0	- Time/timing exposure to
\square	Adverse reaction – authoring
Sna	clinician 'Ked unogenic testing
	L7 FHIR
(% •)	

	Biomarkers
	Creatinine - clearance and serum
	levels
	ECG
	Full blood examination/count
	Lipids
	LDL formula
	Lipoprotein (a)
	TC:HDL ratio
	Liver function tests
	Fasting insulin
	Blood glucose
	Folate/B12
	Iron studies
	Microbiota markers
	Nutrigenomics
	Thyroid function
nt	Vitamin D
	Medication use statement
	Medication use statement Administration aid
	Administration aid
	Administration aid Endpoint
	Administration aid Endpoint Episode type
	Administration aid Endpoint Episode type First prescribed date/Medication
	Administration aid Endpoint Episode type First prescribed date/Medication start date
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts Preferred brand
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts Preferred brand Regular medication indicator
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts Preferred brand Regular medication indicator Status for changes
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts Preferred brand Regular medication indicator Status for changes Reason for prescribing
	Administration aid Endpoint Episode type First prescribed date/Medication start date Identify medications used in combination Infusion - related data Last administration Medication Details Medication details Medication History concepts Preferred brand Regular medication indicator Status for changes

Vital signs Blood pressure Location of measurement Mean arterial pressure Method (of measurement) Position Ambulatory, acute ٠ (exceptional) Body temperature Comment Location of measurement Blood glucose Heartbeat Oxygen saturation Peak expiratory flow rate (PEFR) Pulse • Body site Method (of measurement) • Regularity • Rhythm Respiration Body position Measurements Calculated body weight Body weight • Device

• BMI

Device

- Batch Number Body site Route of administration Target disease
- Vaccine serial ID

Problem/Diagnosis summary **Aetiology** Cause Course description **Clinical description** Date/time clinically recognised Date/time of onset **Date/time of resolution** Diagnostic certainty Discharge Diagnosis/Diagnosis type **Impact** Method of diagnosis/Clinical evidence Manifestation Practitioner role that confirmed the diagnosis Qualifiers Resolution phase Sensory Impairment Pain Assessment Severity Staging/grading Type (comorbidity/complication)

Evaluation results

Menstrual information Last menstrual period Menstrual status

Estimated Date of Delivery Summary (EDD) EDD by cycle EDD by ultrasound Date of ultrasound Gestation by scan Last updated

Sex and Gender Sex parameter for clinical use

Encounter

Comment Type of encounter/modality Location/s Outcome

parked

HL7 FHIR

Health Interventions Assistive device fitting Outcome/effectiveness Intervention context

Procedure Description Intent Total duration Location performed Procedure status

Vaccination administered

event

Batch Number Body site Route of administration Target disease Vaccine serial ID

Tobacco smoking summary* Amount Cessation Cigarette smoking Comment Daily smoking started Frequency Overall pack years Pattern Previous episodes of use Quit date Regular smoking started Years of smoking

Goal

Attestor Steps to achieve goal Owner/Initiator Frequency Function impact Measurable time frame/SMART Preventative nutrition goals Relevant supports

Health Issue

Issue type (physical, mental, psychological) Issue status Health concern/consideration Date of resolution/closure

Living arrangements* Household

Residential setting

Housing summary* Housing Housing stability status Rurality

Food and nutrition

summary* Current diet status Appetite Diet restrictions/requirements Diet Food security Nutritional status

Education summary* Last updated

Financial summary* Finance Income Social economic (?) Financial stability status

Advanced care directive	Child & adolescent health	Arterial blood gases Cardiac imagery Colonscopy ECG Full blood examination Gastroscopy Genetic/genomic test results Imaging results Imaging test results – echocardiography	Genetic/genomic test results
Adverse event	Clinical evidence		
Alternative care (e.g. bush meds)	Clinical synopsis		Gambling summary*
Assistive technologies and tools summary	Summary (free text) Clinician alerts		Health equity summary* Access of care Distance from care Health literacy/numeracy
	Communication capability*	Path test results – histology Spirometry	Health risk assessment
Birth summary Place of birth	Languages spoken Interpreter required	Drug interactions	Aspiration risk Falls risk
Cancer staging	Contraindication	Ethnicity*	Wound care
Care pathways	Culture Cultural burden Connection/Disconnection Strength based behaviours Cultural security	Aboriginal and Torres Strait Islander status	Imaging completed Imaging results
Care plan Care plan summary		Family history Functional status and disability assessment Activities of daily living Barthel's Index Cognitive capacity Functional Independence Measure (FIM)	Informed Consent
Care team members Name			Implanted medical devices summary
Organisation Role Contact			Medication order
CC option		Instrumental Activities of Daily Living (IADLs) Mini Mental Status Examination Montreal Cognitive Assessment	ked with a strikethrough have been comp

titems marked with a strikethrough have been completed

Medication summary	Pregnancy Status? Careflow steps	Sexual characteristics	Specialist services
Obstetric summary Gravidity/Parity	Pregnancy summary	Sexual health summary*	Support person needs
Occupation summary	PREMs and PROMS	Shock index	Symptom/sign
Occupation	Preventative care	Side effect register	Transport summary* Transport access
Oral health	Product errors	Smokeless Tobacco	Vaping summary
Pathology results Personal Information Participation capability	Pulse oximetry FiO2 SpO2	Social context Responsibilities Interaction with justice	Vital status
Personal safety summary* Childhood trauma History of DFSV - perpetrator History of DFSV - survivor Domestic violence	Racism	Social determinants of	Women's Health
	Readiness for change Motivation for use	health and Social emotional wellbeing Groups marked with a *	
Pregnancy Examinations Progress Risk (level) Start of pregnancy	Recommendation	Social network*	
	Screening activity completed	Next of Kin Relationships Social Supportive Network	

new items Backlog –

Sparked

AUCDI R2

- Due to be published in June 2025
 - Contain all of AUCDI R1 + content from Patient Summary component + content from Chronic Condition Management component
 - A lot of the introductory and explanatory material will be moved to the website
 - AUCDI will focus on the data group library
 - All feedback from the Draft for Comment will be published with the Sparked responses

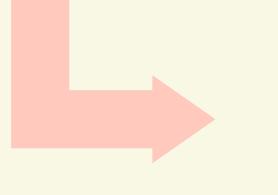




AUCDI – maturing from Core to Clinical

AUCDI Release 1

- Core of the core
- Use case agnostic
- Setting the foundation



AUCDI Release 2

- Expansion of core of the core
- Use case specific content
 - Patient summary
 - Chronic condition management

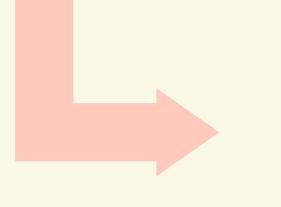




Proposal to change the name of AUCDI

AUCDI Release 1

 Australian CORE Data for Interoperability



AUCDI Release 2

• Australian CLINICAL Data for Interoperability





Proposal to change the name of AUCDI

AUCDI Release 2

Rename to Australian CLINICAL Data for Interoperability Includes

- AUCDI Release 1
- Patient Summary content
- Chronic Condition Management content



Includes

- AUCDI Release 2
- Additional use cases and content
- eRequesting content (AUeReqDI R1)





Proposal to change the name of AUCDI

- Data groups and data elements specific to their clinical use cases will be identified as such
 - Core
 - Patient Summary
 - Chronic condition management
 - eRequesting*
- Data groups and data elements can have multiple use cases identified



Benefits

- All clinical use cases in one place
 - Simpler to find
 - Demonstration of reuse
- Makes clear it builds on the clinical community of practice that has developed AUCDI to expand the scope beyond 'Core' to specific use cases.
- TDG can easily identify data groups and elements in scope for different use cases
- Room to grow and add additional clinical use cases and data requirements beyond 'core of the core'





Any comments/questions?





Australian e-Health Research Centre



The Australian aged care data landscape

Gaps, opportunities and future directions

March 2025



- Joint CSIRO and DHCRC Report
 Consulted Government, Clinicians, Providers, Industry and researchers
 Highlights the complexity and fragmentation
- Duplication of data requirements
- No standardization of tools and data requirements (multiple assessment tools)
- Challenges with duplication of effort for primary care
- Challenges with differences in Aged Care and My Health Record legislation
- Gaps in Allied Health digitisation and standards
- Current MYHR document requirements are
 PDF healthcare moving to FHIR





Considerations

- A whole of life-course and ecosystem approach- data needs to follow the individual across the health, aged and social care ecosystem
- Standardised the approach to assessment tools and scales
- Standardised approach to data requirements across the health care ecosystem- single provision multiple use
- Address gaps in AHP data standards and terminology
- Address digitization of AHP
- Use of auPatient Summary to support

Sparked transitions of care

Sparked

- AUCDI- whole of life course and ecosystem
- AUCDI roadmap includes Functional Status, ADLs etc
- AU Patient Summary roadmap includes Functional Status, Advance Care Directives
- Sparked Roadmap to include standard approach to assessments, scales observations
- Approach to Smart Forms (CSIRO and ADHA)
- ✓ Allied Health CIS to MyHR (ADHA)
- ✓ Allied Health Terminology (NCTS)
- ✓ Approach to Careplans/TCAs



Need a break, have a Menti break!

Update from Adelaide February 2025

Sparked in Adelaide!

- Huge thank you to South Australia Health for hosting us in Adelaide
- Over 220 people attended across the 3 days
 - Leadership event
 - CDG meeting
 - TDG meeting







Leadership evening and showcase

• Speakers

- DOHAC (Daniel McCabe, Simon Cleverly)
- ADHA (Peter O'Halloran)
- Bettina McMahon (Healthdirect)
- Keith McNeil (SA Health)
- Panel
 - Jeremy Sullivan
 - Chris Moy
 - Angela Ryan
 - Marc Belej
 - Grahame Grieve









Leadership evening and showcase

• Vendor demonstrating how they are implementing AU Core in their products or in their roadmap



Interoperability Standards in Action Showcase Passport

Visit each vendor booth, ask how how they are implementing AU Core to receive a stamp. The first 20 attendees to complete their passport, win some Sparked merch!







Design Group meetings

- CDG
 - Updates from DOHAC and ADHA
 - Showcase from SA Health
 - Interoperability update
 - Ambulance Patient Care Record project (amPHI) in South Australia implementing FHIR, AU Core and SNOMED CT-AU
 - Workshops
 - Chronic Condition Management plan template
 - Encounter summary/reason for encounter
 - Patient story







Design Group meetings

• TDG

- AU Core and AU PS workshop
 - Medications
 - Exchange considerations and architecture
- 80 attendees
- 4 vendor demos





Content Recap And Overview Patient Summary and Reason for Encounter, and Chronic Condition Management Patient Summary and Reason for Encounter/ Encounter Record



Purpose of AU Patient Summary

A Patient Summary is a standardised collection of an individual's health and healthcare information. Rather than an entire health record, it is the minimum sufficient data to support facilitation of safe, quality and efficient care.

The AU Patient Summary will support the consumer on their healthcare journey providing the consumer and their healthcare providers with timely and current access to relevant health information. It will enable individuals to share their healthcare information when travelling (including internationally).





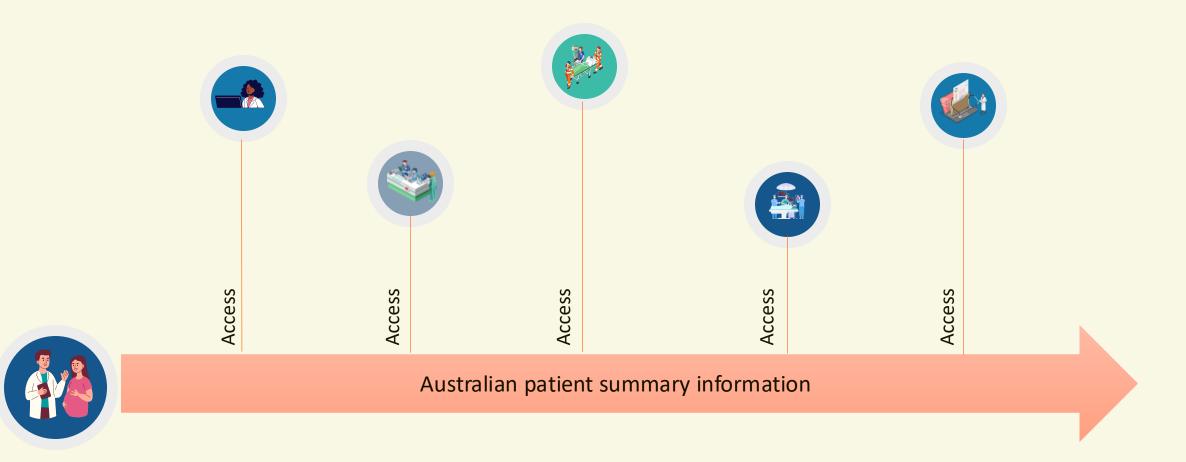
Characteristics of AU Patient Summary

The AU Patient Summary will:

- Be an interoperable set of clinical data.
- Will contain as up to date information as possible based on available sources at a point in time.
- May be either an asserted or non-asserted patient summary
- May include asserted and non-asserted information.
- Will be portable and accessible to the individual and their healthcare providers.
- Will support individuals on their healthcare journey.
- Will support all transitions of care.
- Will be conformant to the International Patient Summary Standard.

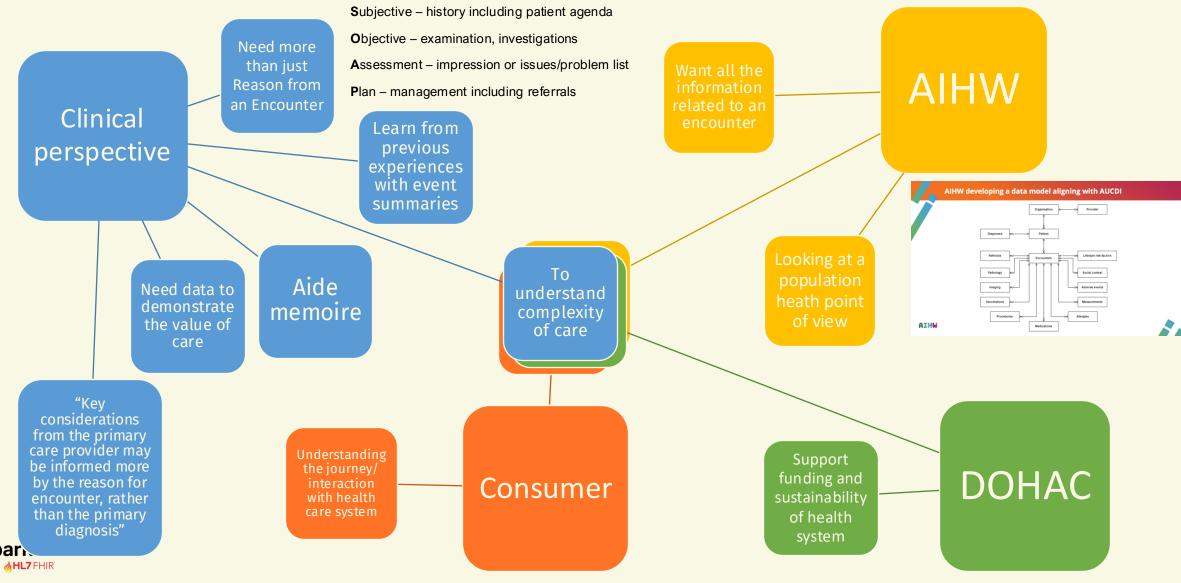


Consumer journey

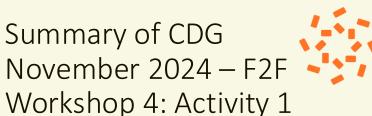




Reason for Encounter – Key Discussions so far



Reason for Encounter



Common use cases

Clinical Reasons

- Recording symptoms, diagnoses, and ongoing management.
- Referrals, discharge summaries, clinical history, medication review, and care plans.
- Relevant settings: GP, hospitals, clinics, aged care, and EMRs.

Consumer Reasons

- Routine check-ups, online appointments, mental health advice, and medication management.
- Involves telehealth, GP EMRs, and real-time patient engagement.

Administrative Reasons

- Handling forms, activities, routine scheduling, and financial matters.
- Includes hospital PAS, administrative procedures, and managing patient information.



Reason for Encounter

Care delivery

- Aide memoire
- Understanding patient journey
- Quality improvement
- Interpretation at pathology imaging centre
- Accountability
- Clinical transfer of care
- Prioritisation/Triage of care

Clinical decision support

• Can be predictive of diagnosis

Health Administrators/ Management

Funding/Billing

What is

the

value?

Summary of CDG November 2024 – F2F Workshop 4: Activity 1



Research

Population health

Sparked

Reason for Encounter



What additional information is useful?

Summary of CDG November 2024 – F2F Workshop 4: Activity 1

Patient summary information

Medical history

• Past history

Medications

Sparked

Encounter information

- How many reasons for encounter?
- Reason for activity
- Modality
- Discharge details
- Presenting problem/symptoms
- Diagnosis(SNOMED CT, ICD10, free text)
- Principal Diagnosis
- Diagnosis in Discharge
- Procedures



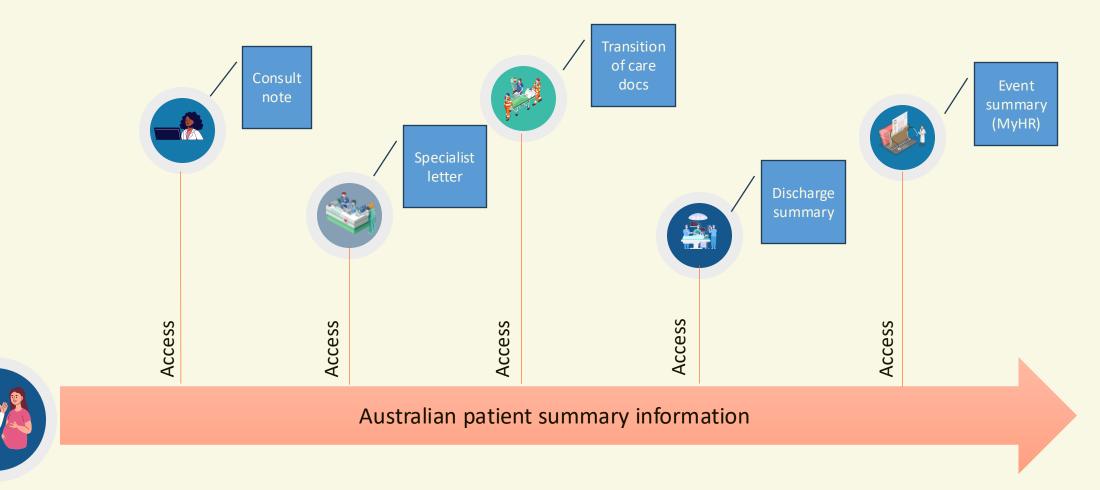
So is it more than just a reason for encounter?

- Value in encounter information beyond **just** the reason(s) for encounter
 - Consumer reason for encounter
 - Clinician reason for encounter
 - Investigations
 - Provisional diagnosis
 - Relevant results
 - Recommended treatment plan
 - Follow-ups
 - ...
 - ...
- A record/summary of the things that happened in an encounter?





Consumer journey







Could these be considered an 'Encounter Record'?

- Hospital discharge summaries (patient summary PLUS encounter information ?)
- Event summary (MyHR)
- Progress notes/Consultation notes (in local CIS, EMR)
- Consult letter from specialist, allied health back to a usual healthcare provider or GP
- Transition/transfer of care documentation
- Etc
- Etc





What is an Encounter Record?

- Is it a structured encounter focused record with specific details including
 - Encounter details
 - Date of encounter
 - Length of encounter
 - Who conducted the encounter
 - Method of communication
 - Location of encounter
 - Reasons for encounter
 - Clinician reason
 - Consumer reason
 - Administrative reason
 - Problem/diagnosis
 - Principle and additional diagnoses
 - Working/Suspected
 - Investigations
 - Interventions

What is in a name? Encounter summary Event summary Encounter information Encounter note Record of encounter



National Guidelines for On-Screen Presentation of	RACGP
Discharge Summaries (ACSQHC 2017)	Criterion-c7-1 Content of patient health records
Patient details	Patient details
Facility details	
Recipients	
Authors	
	Encounter details
Encounter details	(Date of consultation, who conducted the consultation, method of
(date, length of encounter, location, episode type)	communication)
Problems and diagnoses	
Principal diagnosis	Diagnosis (if appropriate)
Reason for presentation	Reason for encounter
Secondary diagnoses	
Complications	
Past medical history	Relevant past medical history
Procedures	Examinations and investigations in the encounter
Clinical summary	
Adverse reaction risk (Allergies/Intolerances)	Adverse reaction risk (Allergies/Intolerances)
Medication statement	Medication requests from the encounter
Ceased medications	
Alerts	
Recommendations	Recommended management plan and review (if appropriate)
Follow up	Referrals
Information provided to patient	
Selected investigation results	

Patient Summary vs Encounter Record/Notes/Summary



	Patient Summary	Encounter Record/Notes/Summary
Clinical summary		
Reason for encounter/presentation		Reasons for encounter/presentation
Follow-ups. referrals		Follow-ups, service requests and referrals from the encounter
Encounter details (date, location, modality)		Encounter details
Problem/Diagnosis	Summary of all (active and inactive)	Principle and additional diagnosis of the encounter, Provisional diagnosis of the encounter,
Procedures/Interventions	Summary of completed	Procedures and interventions scheduled or completed during the encounter (includes information provided to patient)
Vaccination administered	Summary of all	Administered during the encounter
Adverse reaction risk summary	Summary of all	Newly identified or changed
Medication use	Current meds list (including both active and inactive)	Changes to medications (new and ceased) from the encounter
Test results	Summary of all	Test orders and results associated with the encounter
Vital signs and measurements	Summary of all	Measurements from the encounter
Plan of care	Management plans	Management plan developed in or used for encounter
Assessments and scores	Summary of all	Performed during the encounter
Alerts	All	Newly identified or changed



What is an Encounter Record?

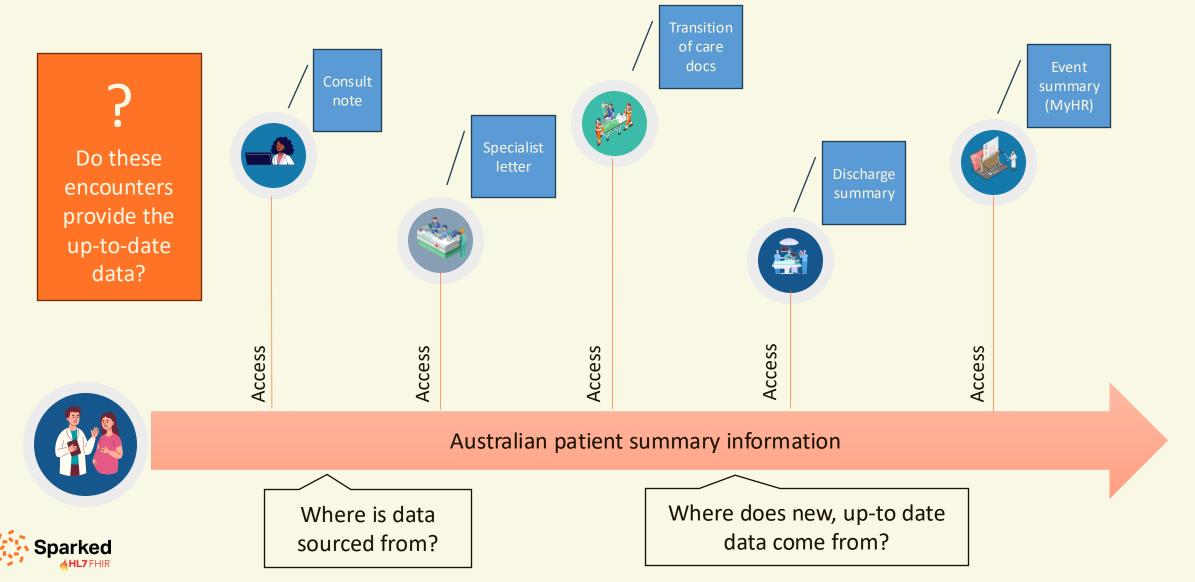
- A structured encounter focused record with specific details including
 - Encounter details
 - Date of encounter
 - Length of encounter
 - Who conducted the encounter
 - Method of communication
 - Location of encounter
 - Reasons for encounter
 - Clinician reason
 - Consumer reason
 - Administrative reason
 - Problem/diagnosis
 - Principle and additional diagnoses
 - Working/Suspected
 - Investigations
 - Interventions

Could this be used to provide up to date information for the AU Patient Summary?



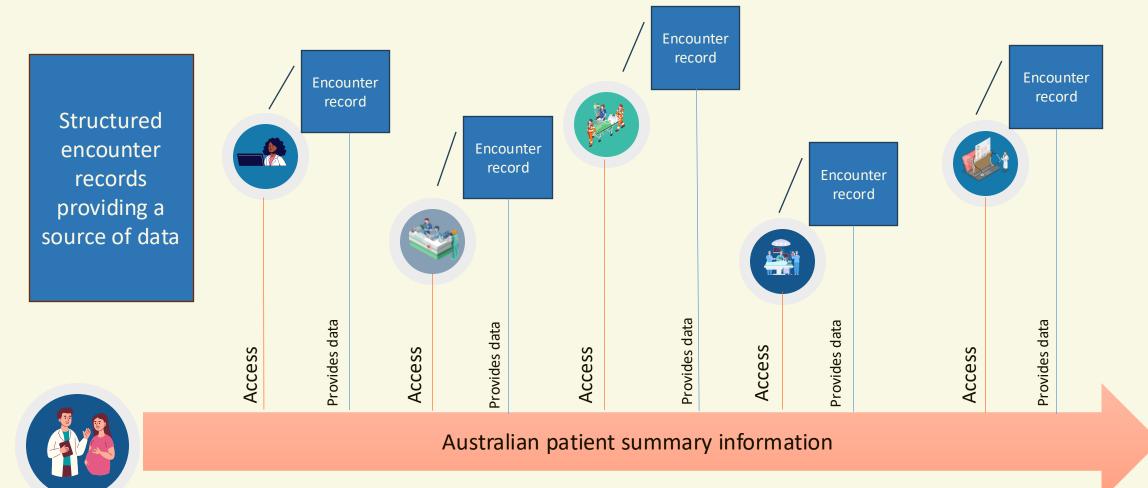


Consumer journey





Consumer journey





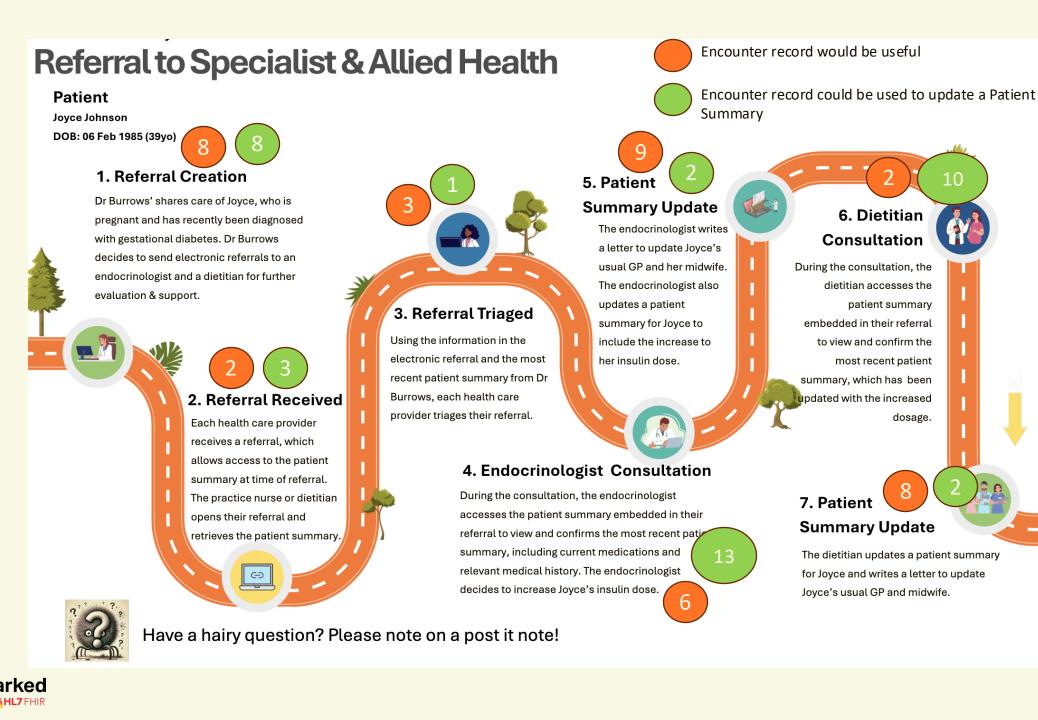
Adelaide Workshop– Encounter Record/Summary

- Explored the idea of an encounter record/summary
 - What's in a name!
- Activities
 - Activity 1 Encounter record and the consumer journey
 - At which points in the journey would an encounter record would be useful (including current use)
 - At which points in the journey could that encounter record be used to update patient summary information
 - Activity 2 Prioritisation of data groups for an encounter record



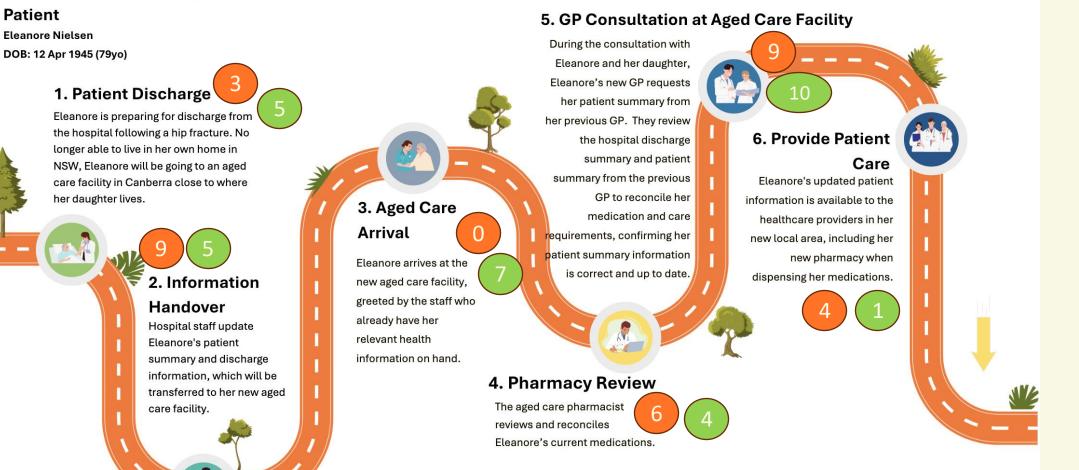






Hospital to Aged Care Interstate Transfer

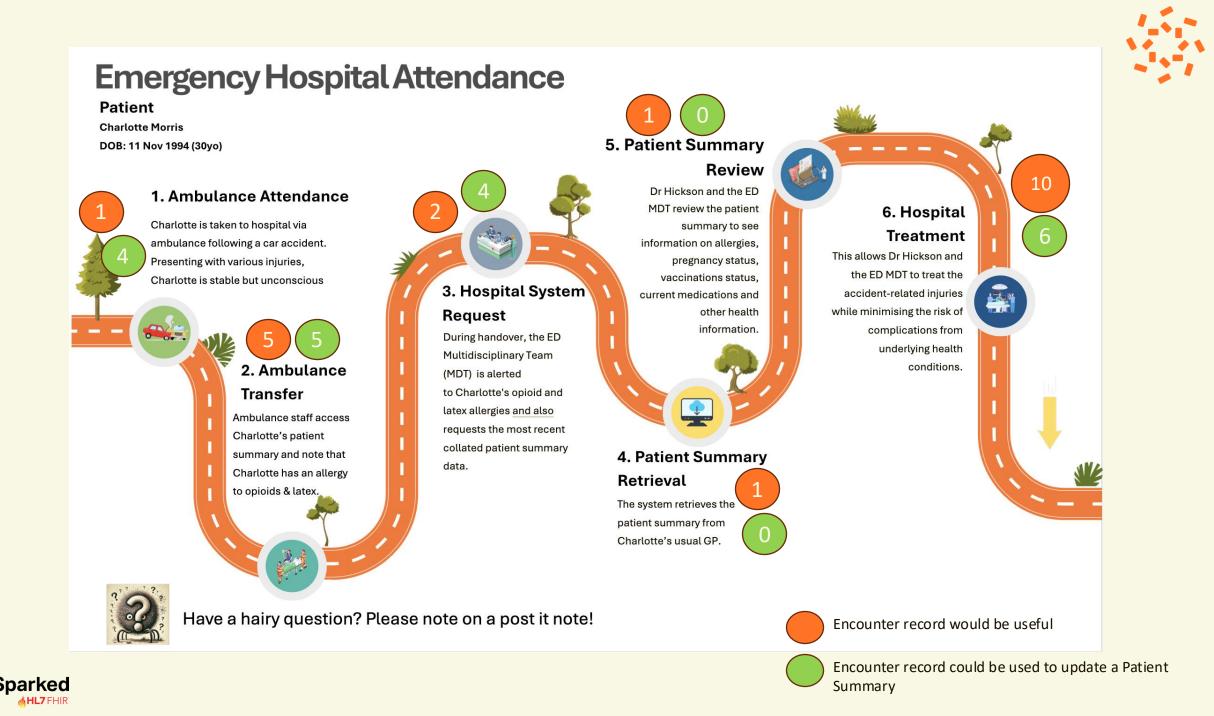
Encounter record could be used to update a Patient Summary





arked

Have a hairy question? Please note on a post it note!





Activity 1 - Encounter Record and Consumer journey results

Consumer Journey	Encounter Summary is Useful	O Encounter Summary Could Update PS	Top Insights
Hospital to Aged Care Transfer	91	56	Strong support for use and update at multiple points.
Emergency Hospital Attendance	69	41	Useful in acute events; less consensus on PS update.
Referral to Specialist & Allied Health	90	63	High value in both use and contribution to PS.

Key Reflections:

 Uncertainty about the meaning of "Encounter summary" – suggestions of other names – Encounter record, Encounter note

- Different interpretations: patient summary vs clinician notes vs consult summary.

- Raised need for clarity around scope, granularity, and when/how to trigger updates.

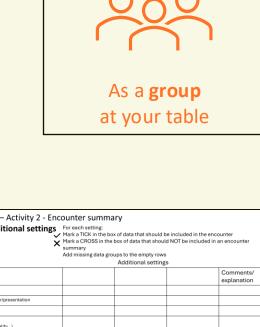
Activity 2 - Prioritisation of data groups for an encounter record

Workshop 2 – Activity 2 - Encounter summary For each summary:

- ✓ Mark a TICK in the box of data that should be included in the encounter
- Mark a CROSS in the box of the data that should NOT be included in an encounter summary
 - Add missing data groups to the empty rows

✓ Agree the top 5 data groups that represents the priority information from an encounter that should be structured and coded to ensure it can flow into a generated patient summary

Data groups	Acute care discharge summary	GP Encounter summary	Allied Health Encounter summary	Specialist letter/ encounter summary	Comments/ explanation	Mark the top 5 data groups Priority information from an encounter that should be structured and coded to ensure it can flow into
Clinical summary						generated patient summary
Reason for encounter/presentation						Clinical summary Reason for encounter/
Follow-ups. referrals						presentation
Encounter details (date, location, modality)						Follow-ups. referrals Encounter details
Problem/Diagnosis						(date, location, modality)
Procedures/Interventions						Problem/Diagnosis
Vaccination administered						Procedures/ Interventions
Adverse reaction risk summary						Vaccination administered
Medication use						
Test results						Adverse reaction risk summary
Vital signs and measurements						Medication use
Plan of care						Test results
Assessments and scores						Vital signs and measurements
Alerts						Plan of care
						Assessments and scores
						Alerts

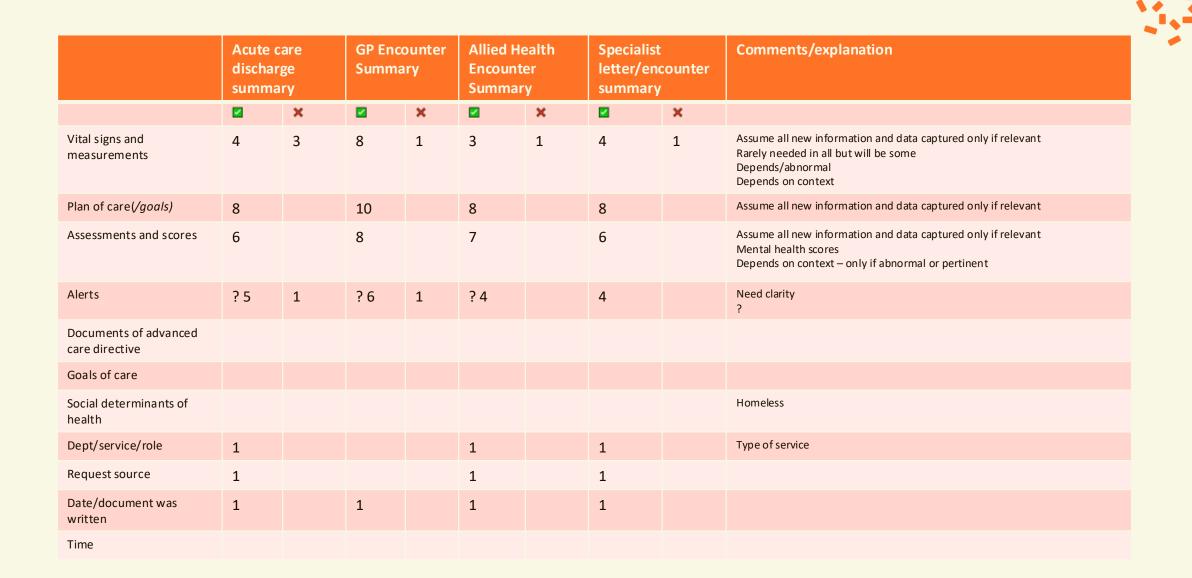


× Ma	r each setting: ark a TICK in the box of data that should be ark a CROSS in the box of data that should i mmary Id missing data groups to the empty rows	included in the encounter NOT be included in an encounter
	Additional settings	
Data groups		Comments/ explanation
Clinical summary		
Reason for encounter/presentation		
Follow-ups. referrals		
Encounter details (date, location, modality)		
Problem/Diagnosis		
Procedures/Interventions		
Vaccination administered		
Adverse reaction risk summary		
Medication use		
Test results		
Vital signs and measurements		
Plan of care		
Assessments and scores		
Alerts		



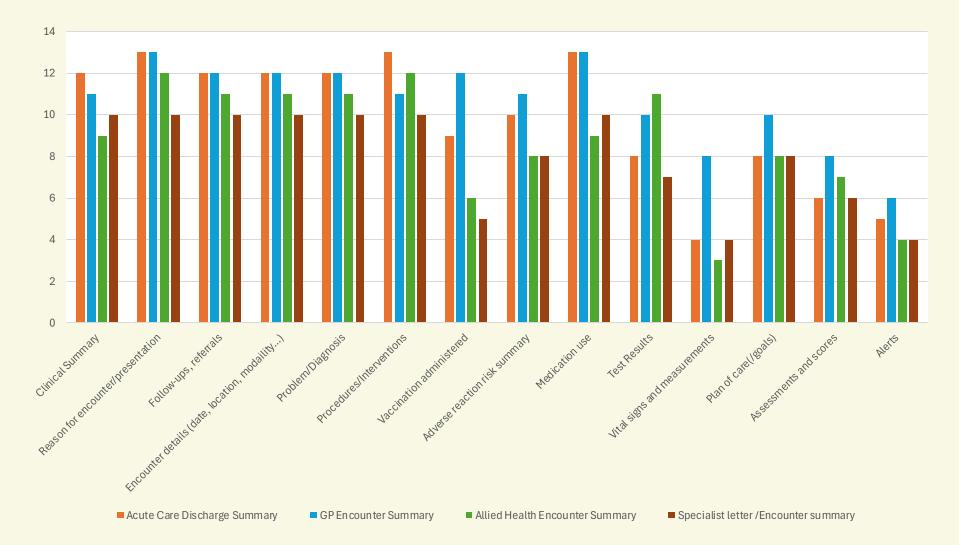
	Acute ca discharg summar	;e	GP Enco Summai		Allied He Encounte Summar	er	Speciali letter/e r summ	ncounte	Comments/explanation	
		×		×		×		×		
Clinical Summary	12		11		9		10		Assume all new information and data captured only if relevant Encounter narrative for every scenario Need always is everything isn't recorded elsewhere Assumed this is medical Hx	
Reason for encounter/presentation	13		13		12		10		Assume all new information and data captured only if relevant	
Follow-ups, referrals	12		12		11		10		Assume all new information and data captured only if relevant	
Encounter details (date, location, modaility)	12		12		11		10		Assume all new information and data captured only if relevant Date is critical (location may be known/obvious)	
Problem/Diagnosis	12		12		11		10		Assume all new information and data captured only if relevant Relevant to the encounter e.g. new If made	
Procedures/Interventions	13		11		12		10		Assume all new information and data captured only if relevant Delta	
Vaccination administered	9	1	12		6	2	5	2	Assume all new information and data captured only if relevant In scope for some only A.H to administer covid vac CI surgery – ENT will do vaccination If made	
Adverse reaction risk summary	10	1	11	1	8	2	8	1	Assume all new information and data captured only if relevant Only if there has been a change Only if new Immunologist	
Medication use	13		13		9		10		Assume all new information and data captured only if relevant Medication changes rather than a list Reason for encounter Allied health encounter summary - If relevant (e.g. diabetes/dietitian) Medication use – nurse written next to tick	
Test Results	8 (Not all)	2	10	1	11	1	7	1	Assume all new information and data captured only if relevant Abnormal	





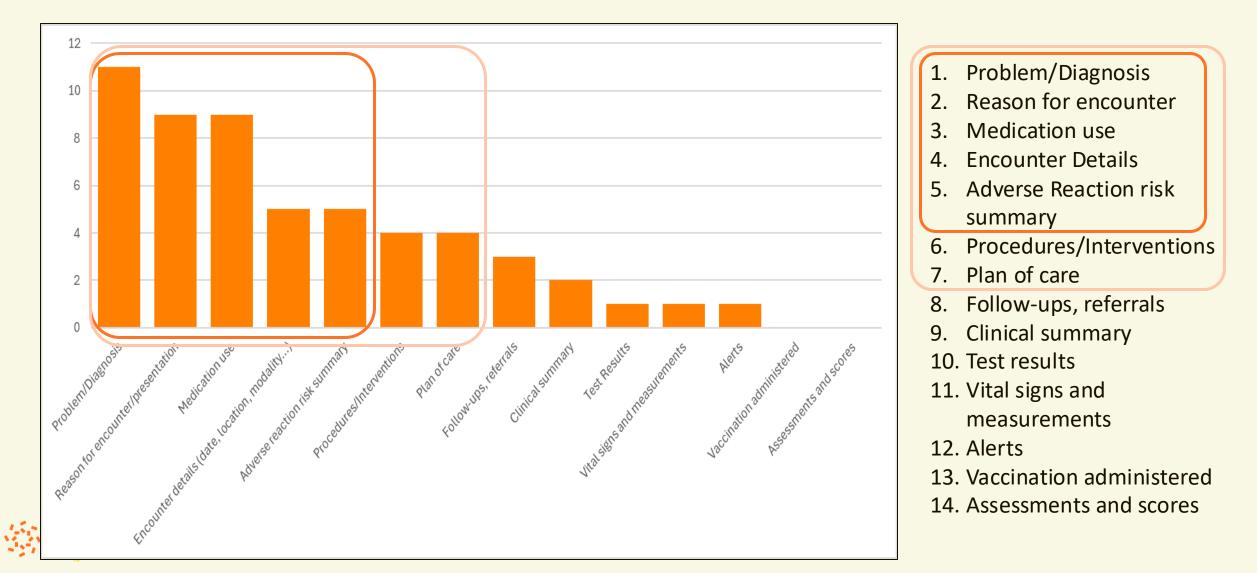


Reuse of the data in the Encounter Summary





Priority Data Groups for an Encounter Record



Chronic Condition Management

AUCDI Release 2 – Chronic Condition Management

Procedure name

Body site/laterality

Clinical indication

Date performed

Description

Comment

Health education

Description

•

supply

Education topic

Equipment type

Date/time provided

Date/time provided

Description

Therapy type

Description

Date/time provided



Health Issue

- Issue name
- Description
- Date of onset
- Last updated

Goals

- Goal name
- Description
- **Clinical indication**
- Initiator role •
- Initiator •
- Start date •
- Proposed end date •
- Actual end date •
- Outcome •
- Comment •
- Last updated

Service request (generic)

- Clinical indication
- Clinical context
- Service due

- Billing guidance

Substance use summary Substance name **Overall status Overall** comment Last update Tobacco smoking

- summary
- **Overall Status**
- Last updated
- Type
 - **Status**
 - Typical use
 - Comment
- Overall quit date
- Overall years of smoking
- **Overall pack years**
- **Overall comment**

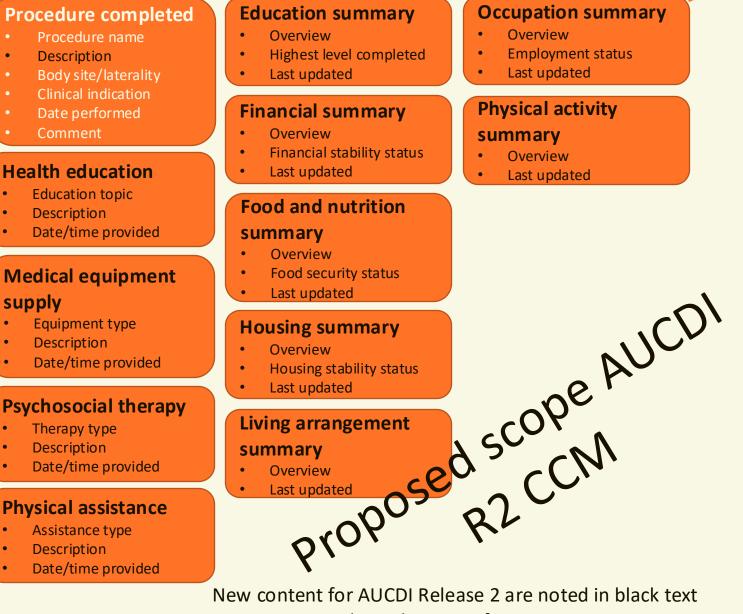
Alcohol consumption

summary

- Overall status
- **Overall comment**
- Last update

- Assistance type Description •
 - Date/time provided

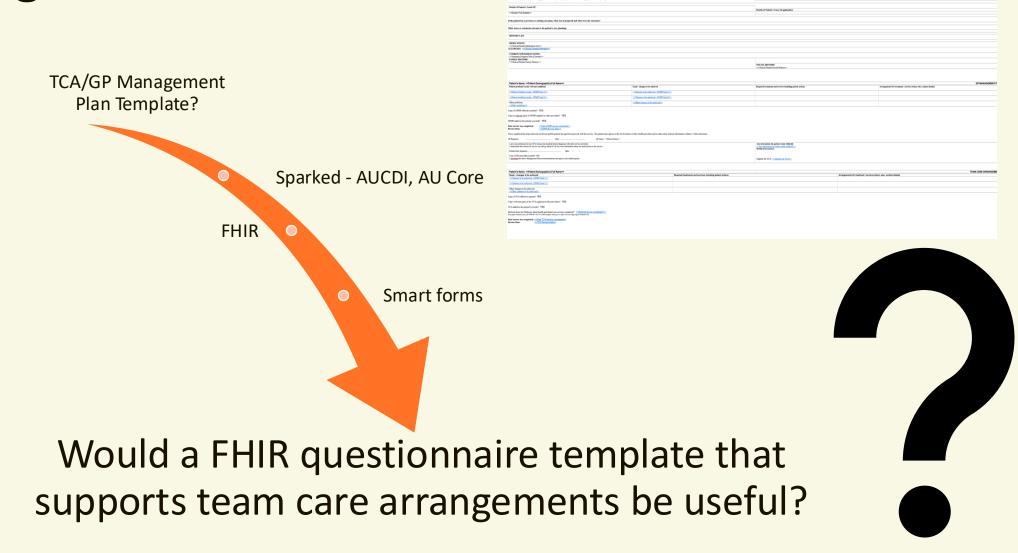
Physical assistance



New content for AUCDI Release 2 are noted in black text Service request brought across from AUeRegDI R1



Team Care Arrangement/Chronic Condition Management Plan



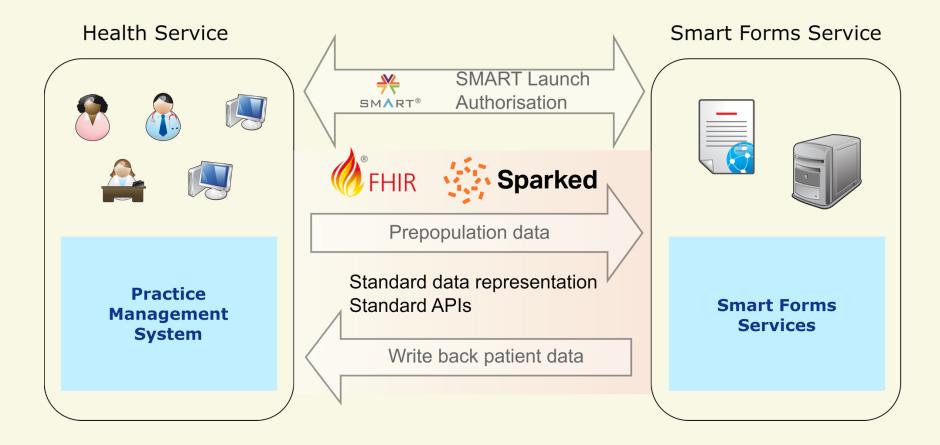


Smart Forms Principles

- Forms based solution for health assessments
- Capable of integrating into existing clinical systems
- Data exchange and reuse
- Data quality improvement
- Improve efficiency for delivering clinical care



Interface







Smart Health Checks

Aboriginal and Torres Islander Health Check Assessment

- Smart Forms software
- FHIR Implementation Guide

Thanks to the sponsor

First Nations Health Division, Department of Health and Aged Care





National SMART App Initiatives

- First Nations Peoples Health Check
 - Smart Forms App
- Comprehensive Health Assessment Program (CHAP) (ADHA)
 - Smart Forms App
- Aus CVD Risk-i Calculator
 - SMART App
- + more





Exchange requirements

Resource interactions	First Nations Health Check Chronic Condition Management Draft Template			
Read & Search	Practitioner Patient Encounter Condition Observations MedicationStatement AllergyIntolerance QuestionnaireResponse	-AU Core		
Create & Update	QuestionnaireResponse	-Smart Forms		



	GP MANAGEM	ENT PLAN (MBS ITEM No. 721)			
Patient's Name: <<< Patient Demographics: Full Name>>		Date of Birth: << Patient Demographics:DOB>>			Patient details
Contact Details:		Medicare or Private Health Insurance Details:			Patient details
< <patient address="" demographics:full="">></patient>		< <patient demographics:medicare="" number="">> <<patient demographics:health="" insurance="">></patient></patient>			Usual GP details
Details of Patient's Usual GP:		Details of Patient's Carer (if applicable):			USUAI GP UELAIIS
< <doctor:name>> <<doctor:full address="">></doctor:full></doctor:name>					
Date of last Care Plan/GP Management Plan (if done): Science.com Science.com Science.com Science.com Science.com science.com science.com science.com science.com					

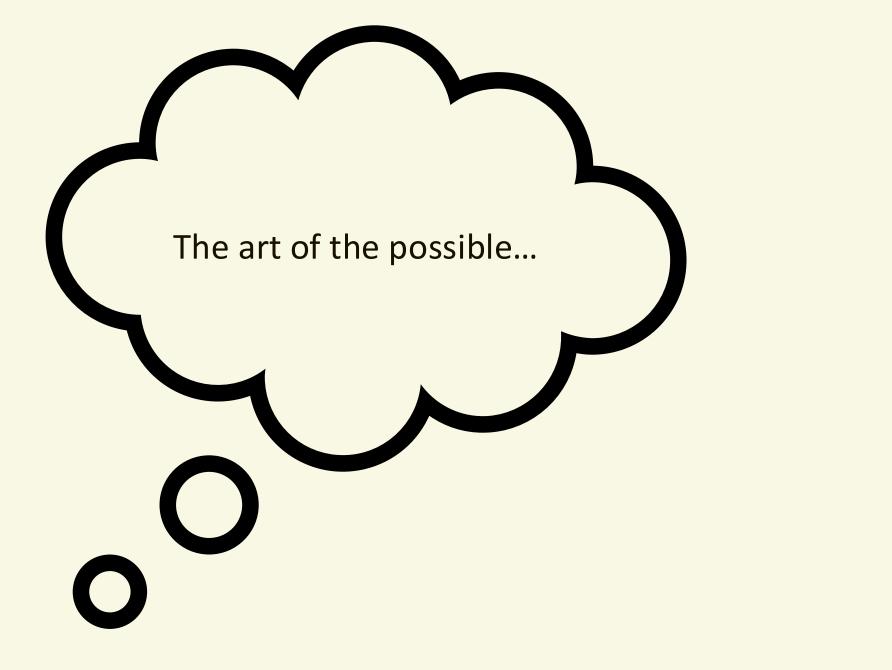
Sparked

GP's Signature: _____ Date:_____

Murrumbidgee PHN Generic GPMP/TCA plan

GP MANAGEMENT PLAN - MBS ITEM No. 721 (DIABETES)							
Patient problems / needs / relevant conditions	Goals - changes to be achieved	Required treatments and services including patient actions	Arrangements for treatments/services (when, who, contact details)				
1. General							
Patient's understanding of diabetes	Patient to have a clear understanding of diabetes and patient's role in managing the condition	Patient education	GP / nurse Diabetes educator				
2. Lifestyle							
Nutrition	Maintain healthy diet	Patient education OR	GP to monitor Dietician				
		As per Lifescripts action plan					
Weight	Your target: BMI < Ideal: BMI ≤ 25 kg/m ²	Monitor Review 6 monthly OR	Patient to monitor GP/nurse to review				
Physical activity	Your target:	As per Lifescripts action plan Patient exercise routine	Patient to implement				
	Ideal: Exercise at least 30 minutes walking or equivalent 5 or more days per week	OR As per Lifescripts action plan					
Smoking	Complete cessation	Smoking cessation strategy: Consider: - Quit - Medication OR	Patient to manage GP to monitor				
Alcohol intake	Your target: <standard day<br="" drinks="" per="">Ideal: ≤ 2 standard drinks per day (men) ≤ 1 standard drinks per day (women)</standard>	As per Lifescripts action plan Reduce alcohol intake Patient education OR	Patient to manage GP to monitor				
3. Biomedical	S I standard drinks per day (women)	As per Lifescripts action plan					
Cholesterol/Lipids	Your targets: LDL < Cholesterol < HDL > Triglycerides < Ideal: LDL < 2.5 mmol/L Cholesterol < 4.0 mmols/L HDL ≥ 1.0 mmol/L Triglycerides < 2.0 mmol/L	Annual check	GP				
Blood pressure	Your target: < Ideal: < 130/80 mm Hg	Check every 6 months	GP/nurse				
HbA1c	Your target: < Ideal: ≤ 7%	Check every 6 months	GP/nurse				
Blood glucose level	Your target: < Ideal: < 7 mmols/L (4-6 fasting)	Daily monitoring Check every 6 months	Patient GP/nurse				
4. Medication		Definet education	OD to an investigation of the				
Medication review	Correct use of medications, minimise side effects	Patient education Review medications	GP to review and provide education				
5. Complications of diabetes		Englisherski susses Davasses	0.0				
Eye complications	Early detection of any problems	Eye check every 2 years Referral by GP	GP Eye specialist				
Foot complications	Prevent foot complications	Patient education on foot care Patient to check feet regularly Check feet every 6 months	GP / podiatrist / nurse Patient GP				
Kidney damage	Avoid renal complications Your targets: <µg/min timed overnight collection <mg_mmol collection<br="" spot=""><mg mmol="" women<br=""><mg albumin="" creatinine="" men="" mmol="" ratio<br="">Ideal: < 20 µg/min timed overnight collection < 3.5 mg/mmol women < 2.5 mg/mmol men albumin creatinine ratio</mg></mg></mg_mmol>	Test for microalbuminuria annually	GP				
Sexual dysfunction	Maintain sexual function	To be discussed with patient where applicable	GP				
	manitalii sexual turtuutii	to be discussed with patent where applicable	U.				





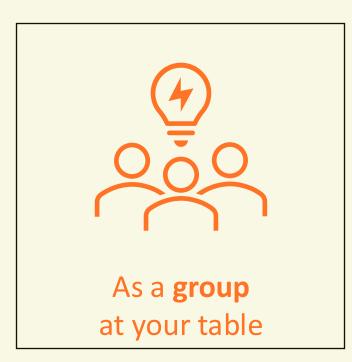




Adelaide Workshop Chronic Condition Management Template

At your table, discuss and document on the worksheet

- Key usability principles for a chronic condition management template (team care)
- Workflow challenges
 - Example multiple contributors updating asynchronously, review and status updates, alignment of problems/goals/activities (interventions), provider directory,
- Additional information that should be recorded
 - Suggested features for future iterations





Summary Key usability principles

Access Patient access

- and contribution (e.g. update status of goals) •Data sharing -Consent, privacy •Carer access and validation
- Dynamic Realtransfer/contrib ution (not a
- PDF) practitioners
- able to access and update •Ensure proper
- providers and
- Integration with practice

Sparked MHL7 FHIR



 Visibility of Traceability of information

information of ntation Visibility/Prese

• Problems/ summary of conditions Communication tips for effective outcomes Flexibility of retrieving more information •Timelines/dates for when conditions occurred/resolv ed, progress easy to track • Different views - summary, user based, condition based, customizable

•Free text AND (content) should be Prepopulation of relevant ifno nclusion of Information •Goals should be manageable and agreeable •Health issues – what the patient sees as the current issue •RAG status – how far along are you Updated contact details of all providers •Wearables data

tools • Prompt clinicians to ask appropriate S Ö •Linking of standardized actions against Ð US best practice

Referrals •Links back to

Link to

Summary Workflow challenges

team

Care

Lack of



Need to form consensus

• Updates to care

Communication

•Accessibility of care •Ensuring information finds appropriate (directory) •Need for acknowledgement Authentication Shared view • Patient admin systems data exchange and sync Integration of test and imaging requests, referral workflow Provenance of

registry •Limited widespread formal CCM • Difficulty of identification of eligible patients for care plan • Multiple care providers involved •Need to include patients and carers •Need for reviews and status updates •original date goal due, number of revisions and current dates •Supporting synchronous and outcomes and interactions • Role and •Funding models

•Maintenance and curation of information/too much information •Need a depth of information but then that needs to be curated

Patient information

Curation of

•Readiness of patient to engage in self-management •Not all have a regular GP •Currently patientinitiated care not

Patient

•Acceptance/

•Regard patient engagement with activities

•Limited widespread formal CCM

Care management

HL7 FHIR



Summary Additional information that should be recorded or additional features

- Priority of conditions (when multiple)
- Funding accessibility
 - Pension/NDIS/Medicare/MBS billing
- Outcomes
 - Measurable outcomes
- Patients
 - health values and prioritisations
 - Preferences, barrier to care ٠
 - SDOH factors ٠
 - Health concerns and problems ٠
 - Self management/empowerment principles/considerations
- Goals
 - SMART formatted ٠
 - Measurable ٠
 - Barriers to achieve ٠

- Urgency
- Ownership
- Timeframes
- Personal goals/clinical goals
- Agreement of goals by patient and GP
- Activities
 - Ownership
 - Information re historical interventions/goals
 - Self management/education
- Care team details
- Follow up flags
- Referral recommendations
 - Noting patient affordability for team and services when may prevent evidence-based goals being included due to nonaccessibility

- Integration with
 - Provider registry
 - eRequesting
 - eReferrals
- Updates to the care plan from all involved providers
- Guidelines easily retrieved or embedded
- Provenance of information
- Control of accessible data – make the clinically relevant information available to the right team member and the team when they are engaged with care
- Reports/monitoring metrics (patients pov as well)

AUCDI Next Steps



AUCDI R3 Next steps

- Further exploration of identified priority data groups for Encounter Record and Chronic Condition Management for AUCDI R3
 - Functional Status
 - ADLs
 - SDOH
 - Advance Care Directives
 - Repeatable approach to assessment tool, scores, etc.
 - ??
- Continue developing the Chronic condition management plan as a Smart Form
 - Leverage AUCDI and AU Core
 - Build on the feedback provided by the CDG
- Will be a focus for July 2025 CDG (face to face)
 - Prioritisation of data requirements for inclusion in AUCDI R3



What next?



Release 3

• Chronic Condition Management

• Assessments, scales and scores

• SDOH

• Encounter record

Release 4

AUCDI – iteratively growing



*CDG scoping and requirement gathering for future releases

Release 1 "Core of the core" Concepts for a health summary (guided by clinical content of IPS)

Patient summary

Release 2

Chronic Condition Management

Encounter information (including reason for

encounter)*

Wrapping up 2 years of Sparked CDG

What a journey it's been so far!



2 years of Sparked CDGs

All the meetings!

- 6 face to face CDG workshops (+ 2 bonus Rural and Remote, Health equity)
- 6 cities
- 10 online meetings
- 4 online CFG meetings
- 25 workshop activities
- Oodles of menti polls, A3 and A0 worksheets, post it notes and sticky dots!

1 release of AUCDI of 1 almost there!

Upcoming Events 2025

May 2025

 28th – Sparked Partners Symposium

July 2025

29th & 30th in
 Sydney – CDG
 and TDG face to
 face meeting



Thank you!

