

Sparked Clinical Design Group

Tuesday 13 February Workshop

Melbourne



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.



Start Time	Item	Item	Time	Lead/facilitator
9.00am	1	Welcome •Intro to Sparked •Who's who in the room •Objectives	20mins	Kate Ebrill Chris Moy
9. 20 am	2	Co-Lead Update What's been achieved so far Co-Lead Intros	10mins	Chris Moy
9.30am	3	eRequesting Perspectives	1hr	Michael Hosking
10.30am		Morning tea	30min	
11.10am	4	Workshop #1 Use Case Identification and prioritisation	20mins	Group Activity Michael Hosking
11.40am	5	Workshop #2 - Part 1 Foundational workflow problem identification	40mins	Group Activity Michael Hosking
12.30 - 1.15pm		Lunch	45mins	
1.15pm	6	Workshop #2 - Part 2 Foundational Workflow priorities	45mins	Group Activity Michael Hosking
2.15pm	7	Workshop #3 - Part 1 eRequest Data Model	45mins	Group Activity Kylynn Loi Heather Leslie
3.00 – 3.30pm		Afternoon tea	30mins	
3.30pm	8	Workshop #3 - Part 2 Data model priorities	30mins	Group Activity Kylynn Loi Heather Leslie
4.00pm	9	Agreement and Priorities – MLM, Scope and Data Model	30mins	Kate Ebrill
4.45pm	10	Next steps and close	15mins	Kate Ebrill Chris Moy





Objectives



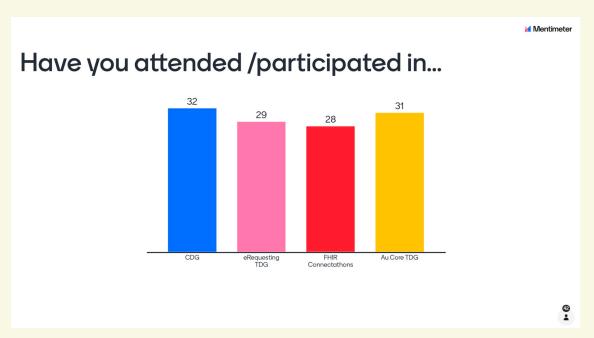
Objectives for the day

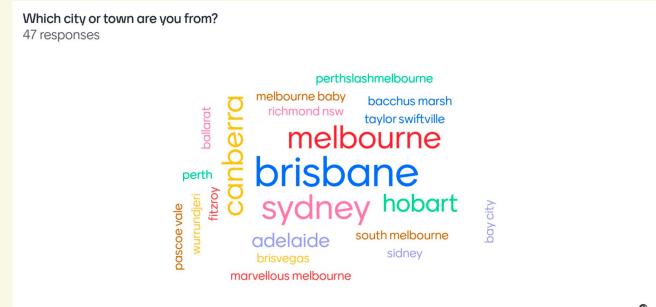
- Understand what has been achieved in the last 6 months
- Understand the challenges/pain points as well as opportunities and benefits for eRequesting
- Identify priority use cases and scope- what's going to make a "MLM"-Minimum Loveable Model?
- Identify the key data model requirements & priorities for eRequesting R1
- Identify backlog use cases and data model requirements to ensure a consistent reusable approach



Introductions — who's who in the room!

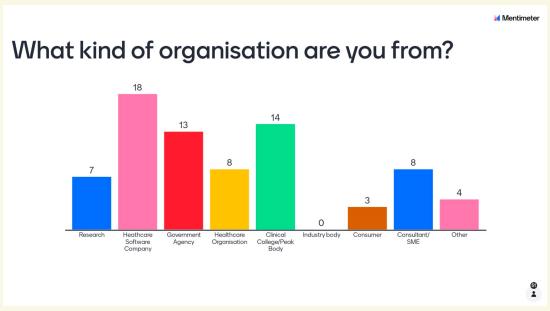
Results from activities held at the 13 Feb 2024 workshop

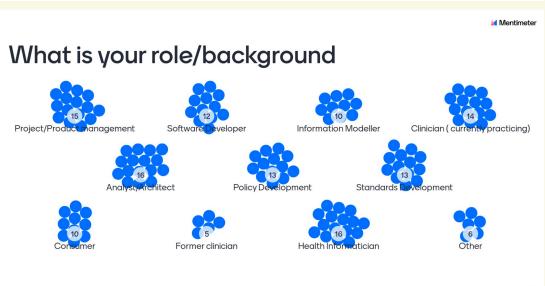


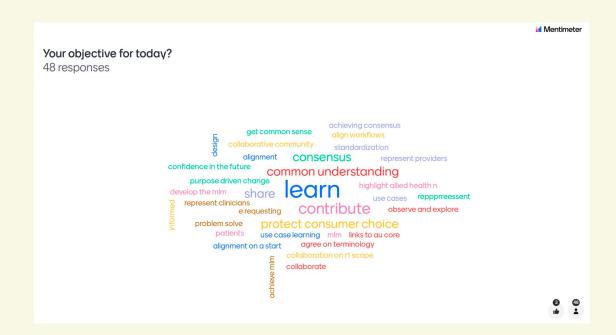




Results from activities held at the 13 Feb 2024 workshop







Sparked Team

FHIR@csiro.au





Kate Ebrill – Sparked Lead



Michael Hosking – Sparked Deputy Lead



Brett Esler – FHIR Expert



Kylynn Loi – Clinical Design Lead



Matt Cordell – Clinical Terminology Specialist



Dr Heather Leslie – Lead Clinical data Modeller



Michael Osborne – FHIR Terminologist



Arush Pushkarna – Test Lead



Heath Frankel – FHIR Expert



Nisha Subramanian – Business Analyst



Chris Kellalea-Maynard -Snr Business Analyst



Danielle Tavares-Rixon

– FHIR technical lead



Bernadette Cranston

– Program Manager



What is Sparked?

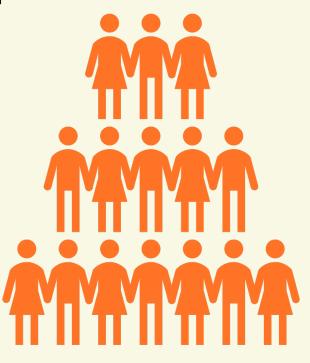


Sparked is a **community** comprising **government**, **technology vendors**, **provider organisations**, **peak bodies**, **practitioners**, **and domain experts** to **accelerate the creation and use of national FHIR standards** in health care information exchange.

Sparked is supported through a partnership of HL7 Australia, Department of Health and Aged Care, Australian Digital Health Agency, and CSIRO.

We are:

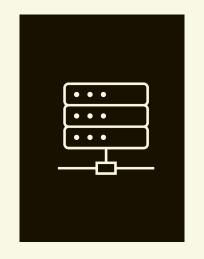
- ✓ Creating open standards in high priority national use cases
- ✓ Government initiated and funded
- ✓ Working collaboratively with the international FHIR community, and other FHIR initiatives

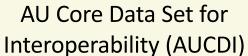




AU FHIR Accelerator Scope









FHIR Implementation Guides



Piloting of FHIR Standards



Reference Implementations



Clinical Terminology
Value Sets

- AU Core- R1 for Comment
- AU eRequesting- Scoping
- AU Core
- AU eRequesting
- Piloting of FHIR Standards, supported by infrastructure & tooling
- Services that support implementation and testing of FHIR based applications
- SNOMED CT and LOINC Value sets
- RANZCR
- RCPA







AUCDI Release 1 at a glance (Feb 2024)



Problem/Diagnosis

- Problem/diagnosis name
- Body site/laterality
- Status
- Comment

Procedure completed

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

Vaccination administered event

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

Adverse reaction risk summary

- Substance name
- Manifestation/s
- Comment

Medication use statement

- Medication name
- Form
- Strength
- Route of administration
- Dose amount and timing
- Clinical indication
- Last administration
- Endpoint
- Comment

Sex and Gender

- Sex assigned at birth
- Gender identity
- Pronouns

Tobacco smoking summary

Overall Status

Biomarkers

- HDL
- LDL
- Total cholesterol
- Triglycerides
- HbA1c
- eGFR
- uACR

Vital signs

- Blood pressure
 - Systolic
 - Diastolic
- Pulse
 - Rate
- Body temperature
- Respiration
 - Rati

Measurements

- Height/length
- Body weight
- Waist circumference

Encounter – clinical context

- Reason for encounter
- Modality



Dr Chris Moy



BUILDING THE "adapter"









Illustration by Lou Brooks

Failure to Communicate

The lack of interoperability is a major roadblock to moving health care forward. But some hospitals are finding ways to make essential data accessible to those who need it.

he once arcane concept of interoperability among ing from the back rooms of IT departments up to C-suites and the boardroom. Health systems nationwide have invested billions of dollars in electronic health records and IT only to realize the EHR data troves they own now also have to

part, they can't.

As long as that holds true, some of the foundational principles of value-based approaches to care - clinical integration, coordinated patient treatment plans among providers, population heath management - will be another is an imperative when value-based contracts difficult to realize. To deliver extraordinary quality, assigning financial risk for the overall health costs of

"you're going to have to deliver integrated care, and integrated care BY IOHN MORRISSEY requires integrated information no two ways about it," says Ran-

dall Gaboriault, senior vice president for innovation and strategic development and chief information officer of Christiana Care Health System, Wilmington, Del.

Urgent initiatives by data standards organizations, you can't do anything now." the federal government and others seek to remedy the basic lack of interoperability stemming from uncoordinated, proprietary decisions by IT vendors about how to represent, create, send and store computerized data - a fragmented state of affairs more than 20 years in the making. The common goal is to bring data sharing closer to the definition of interoperability: the ability of two or because revenue production required physician orders more systems to exchange and use information without special effort on the part of the user.

In a major move to organize the health care industry around a clear set of interoperability targets, the at Georgia Institute of Technology, Atlanta. As with

Department of Health & Human Services has extracted pledges from the largest developers of EHRs responsible for 90 percent of the health records used by the nation's hospitals - to follow nationally recognized standards in their ongoing development plans and to eliminate any practices that have the effect of blocking information flow from their EHRs.

Sixteen provider systems, including the five largest, also pledged their support, and several professional organizations, including the American Hospital Association, added their backing after HHS Secretary Sylvia Burwell made the announcement Feb. 29 at work with that of others. For the most the Healthcare Information and Management Systems Society's annual convention.

The timelines of most of these efforts are measured in years. But being able to take any discrete element of data in one system and pass it usably to

defined populations of individuals are coming soon or already inked. True interoperability "would be ideal, and I hope we get there

someday," says Jan Lee, CEO of the Delaware Health Information Network in Dover, a thriving outlet for health information exchange. "But that doesn't mean

What happened?

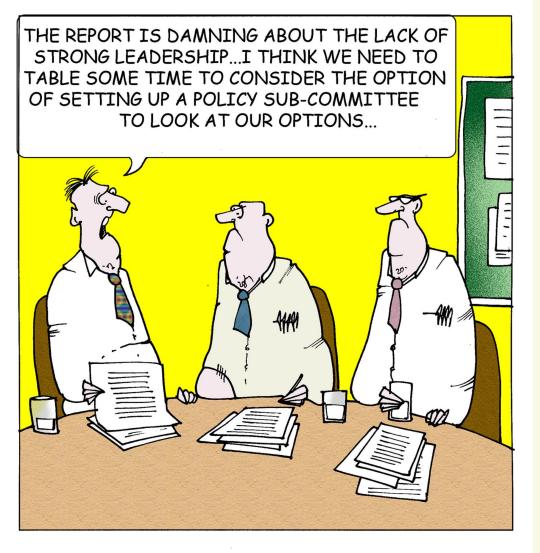
To grasp how health IT got into its morass, we need to understand how it started out. Early IT focused on revenue-producing departments - laboratory. radiology, pharmacy - and spread to nursing floors, from nursing stations and results to be reported back, says Mark Braunstein, associate director for health systems at the Institute for People and Technology

FRAMING THE ISSUE:

- Interoperability the capacity of different information technology systems to exchange information for easy use - long has been a problem in health care.
- The explosion in electronic health records has added to the interoperability challenge.
- Value-based care and alternative payment models make sharing information more and more of a necessity.
- Interoperability isn't just a problem for IT professionals: It requires business and care strategies developed by hospital and health system leaders.

Lack of Leadership







Closed Shop Decision-Making

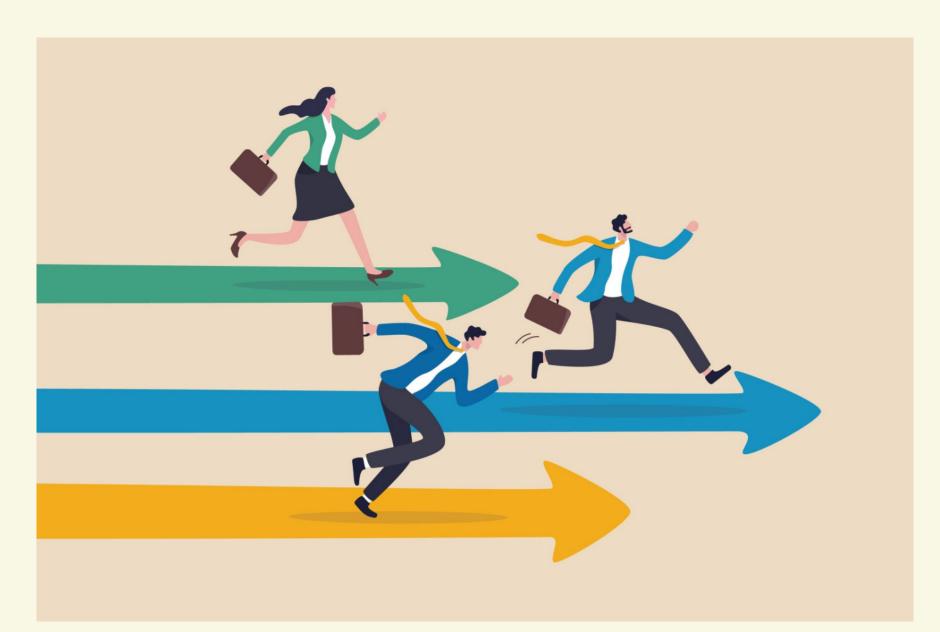






Free Market / Competition









- Fast Healthcare Interoperability Resources (FHIR, pronounced "fire") standard is set of rules & specifications for exchanging electronic health care data.
- <u>Flexible & adaptable</u>, so can be used in wide range of settings & different health care information systems.
- Goal is to enable seamless & secure exchange of health care information
- Standard describes <u>data formats & elements</u> (known as "resources") & an application programming interface (API) for exchanging electronic health records (EHR).
- Standard was created by Health Level Seven International (HL7) health-care standards organisation.





- Sparked is **community** comprising government, technology vendors, provider organisations, peak bodies, practitioners, & domain experts to accelerate the creation & use of national FHIR standards in health care information exchange.
- Sparked programme is partnership of HL7 Australia, Department of Health & Aged Care, Australian Digital Health Agency & CSIRO.
- We are:
 - Creating open standards in high-priority national use cases
 - Government-initiated & funded
 - Working collaboratively with international FHIR community & other FHIR initiatives
- We are not:
 - A separate legal entity
 - A proprietary activity





A Community Open to All





Founding Industry Members









































Health



CLINICAL DESIGN GROUP



TECHNICAL DESIGN GROUP







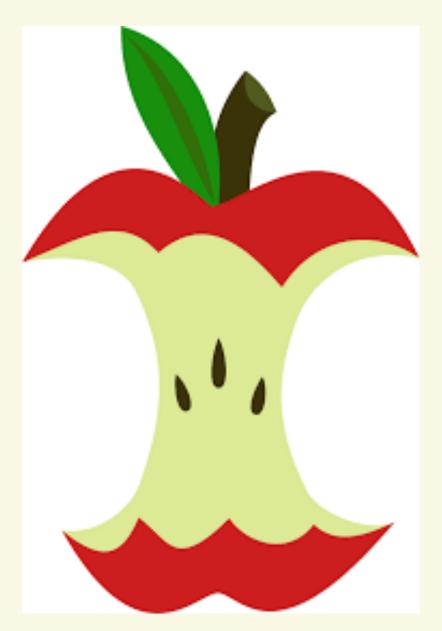
One step at a time





Starting with "core of the core"

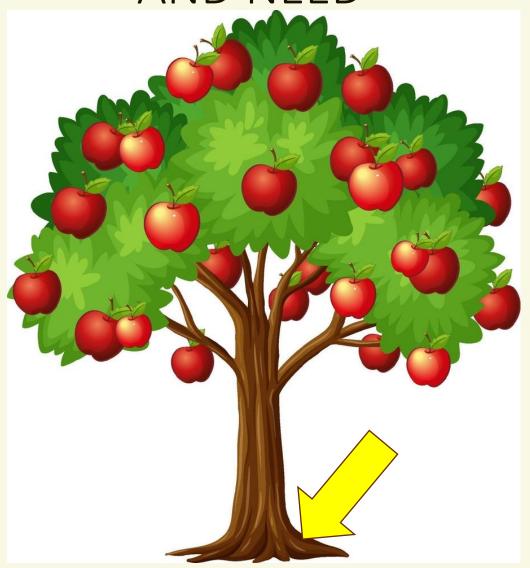






WILL GROW INTO THE TREE THAT WE WANT AND NEED







AUCDI Release 1

Created by Black, Madison (Voronoi), last modified by Black, Madison (H&B, Herston) yesterday at 6:37 PM



The Australian Core Data for Interoperability (AUCDI) Release 1 Draft for Comment

The AUCDI aims to standardise the capture, structure, usage, and exchange of health data to counteract the current fragmentation of Australia's health data systems. This initiative is pivotal in enhancing patient care, promoting clinical safety, improving clinical decision-making, and facilitating seamless health information exchange.

Scope of Release 1

The scope of AUCDI R1 is a subset of the International Patient Summary and some encounter information. It is intended that the scope will expand in further iterations of the AUCDI.

The scope of AUCDI R1 includes:

- · Problem/Diagnosis,
- · Adverse reaction risk (allergies and intolerances)
- Medications.
- · Procedures,
- · Vaccinations (immunisations),
- Vital signs, measurements and other biomarkers for chronic disease and preventative health with an initial scope of cardiovascular risk calculation and diabetes care, and
- · Encounter information that are required to give clinical context.

Medication

Diagnosis

- Vaccination

- eGFR UACR

- Vital signs and
 - measurements

Adverse Reaction

Procedure

AUCDI Release 1 **Draft for Comment**



Themes for the day

- Today is about data not business
- Aim is "core of the core" minimum data elements that:
 - >meets needs
 - >feasible now
 - > will not need to be corrected retrospectively
- Join in & don't feel shy if need to clarify
- Have some fun







CDG Co-Leads

To remind us and keep us focused & on track based on scope



Chris Moy



Harry Iles-Mann



Charlotte Hespe



Andrew Hugman



Congratulations to the

tribe for relentlessly

proceeding towards

this important

Meetings

27 Sep 23 F2F 9 Nov 23 5 Dec 23 17 Jan 24

13 Feb 24

Sparked Clinical Design

AUCDI Release 1 at a glance (Feb 2024)



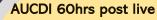
Attendees: 65 (avg.) Members: 243

AU Core

FHIR IG R1

Draft for Ballot

8 Mar 24



LinkedIn annoucement initial post 14 reposts, 81 interactions, 4212 impressions Intro video 79 views Page view 125 views

> Sparked Infrastructure & **Tooling**

Validation

Pilots

Apr 24

healthcare connectivity with FHIR

Sparked Partnership

Sparked..... 6 Months of igniting



20 Founding **Members**



Sparked Leadership **Events**

21 Feb 24

Testing Service Apr 24

Sparked AU eRequesting Technical Design Group



Attendees: 55 (avg.)

Members: 150

eRequesting Webinar 17 Nov 23

AUCDI R1 Draft for Comment 10 Feb 24

> Connectathon HL7 AU - Sparked 20-21 Nov 23 100 attendees

Sparked **AU Core Technical Design Group**

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Attendees: 66 (avg.) Members: 180

Sparked Launch 100 attendees

23 Aug 23

Connectathon HL7 AU - Sparked Overview 100 attendees

What a fantastic point in time for those of us who have dreamt about interoperability in our eHealth systems

A super day 1 at the #FHIR Connectathon in Brisbane with thanks to HL7 AU, CSIRO, ADHA, DOHAC



Generated over 5000+ impressions



Meetings 24 Aug 23 F2F 21 Sep 23 28 Sep 23 F2F + 11 meetings

Meetings

14 Feb 24











Core Draft Principles of Data Set Design

- 1 Reduce duplication Single entry, single development (multiple use and reuse)
- 2 Supports patient centred care driven by a clinical quality and safety use case
- Not data for data's sake
- 4) Driven by primary clinical data use not secondary data use needs
- Supports best practice care, clinical guidelines and clinician workflow
- Systems can support now or with minimal effort, supporting a strategic roadmap with an agile iterative process
- Leverage agreed national health data standards
- 8 Involve and consider all healthcare domains and care modalities



Why eRequesting Perspectives



eRequesting perspective questions



3 top challenges



Opportunities & Future state



What's the one thing to fix?



Consumer perspective Harry Iles-Mann



eRequesting perspective questions



3 top challenges



Opportunities & Future state



What's the one thing to fix?



Requester perspectives Rob Hosking (RACGP) Chris Pearce (ACCRM) Jackie O'Connor (AHPA)



eRequesting perspective questions



3 top challenges



Opportunities & Future state



What's the one thing to fix?



Pathology perspective Jennifer Kim (RCPA)



The Faculty of Clinical Radiology

Perspectives on eRequesting SPARKED CDG WEBINAR

13 February 2024



A leading specialty in the digital transformation of healthcare



- Scoping Study of e-health
- Diagnostic Imaging Request Template

RANZCR and ADIA White Paper

Towards Interoperability: Clinical Radiology forging the path ahead.



- Full development of RRS
- FHIR position statement



RANZCR ADIA roadmap to support image sharing by clinicians across different health providers

- Landscape analysis
- RRS position statement
- RRS standards and proof of concept sample set

eRequesting Challenges

Patient Choice

 appropriate support for patient choice of provider, allowing for referrer preference, and asymmetric information about available providers

Mappings

- mapping from the referrer EHR catalogue of tests to the RRS (FHIR)
- mapping from the RRS to RIS terms

Contact Information

 adequate and appropriate identification of the referrer and / or the clinician(s) to be contacted (urgent and "copy to" results)

eRequesting Opportunities

Patient Information

- more accurate and reliable patient identification ("Key thing to fix")
- more complete patient history including:
 - allergies
 - medications
 - existing conditions

Clinical information

 provision of more complete clinical notes, and a clear statement of the purpose of the request

Registries

- request registry or federated registries could provide basis for referral tracking
- registries can also be used as an index of previous studies



The Royal Australian and New Zealand College of Radiologists°

The Faculty of Clinical Radiology

Thank you

Contact us at Standards@ranzcr.edu.au



Radiology perspective Nick Ferris (RANZCR)



eRequesting perspective questions



3 top challenges



Opportunities & Future state



What's the one thing to fix?

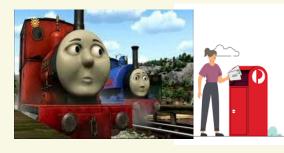


Industry perspectives Angus Millar (Sonic Healthcare) Keith Kranz (SA Pathology)

O² (obstacles/objectives)

- **Application and information islands**
- Data collectors not data motivators
- Prisoners of demand



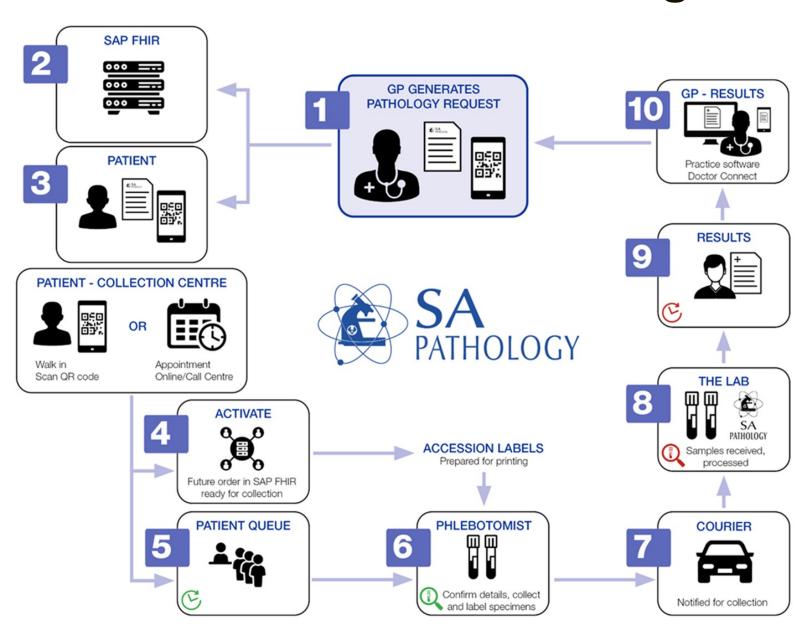






- **A** connected system Standards
- **Less waiting time collection centres**
- Turn around time diagnosis to treatment

Workflow & Process change





eRequesting perspective questions



3 top challenges



Opportunities & Future state



What's the one thing to fix?



TDG Perspective What the TDG would like from the CDG Andy Bond (TDG Co-Chair)

National perspective Jeremy Sullivan

Workshop 1- Challenges and Opportunities

Reminder - High-level process and feedback loop



informing FHIR IG

Feed back loop to clarify between CDG & TDG

TDG **CDG** Artefacts Translate clinical Define clinical FHIR IG is a Technical requirements into requirements and use representation of technical cases **CDI** eg. Clinical information & data required requirements (FHIR AUCDI, eRequesting) specification – eg. AU Core) Ensure clinical workflow Ensure technical and consumer safety viability (can it be implemented safely Ensure technical and at scale) CDI are clinical data implementation is requirements CDI clinically fit for purpose Inform content of





Workshop overview

CDG Identify pain points / challenges Workshop 1 **Prioritise** Identify workflow Workshop 2 Prioritise challenges Identify scope of minimum Workshop 3 data required to support use cases R1/future



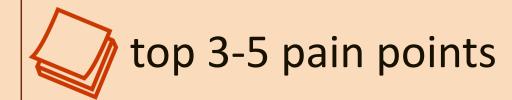
Clarify priorities and requirements

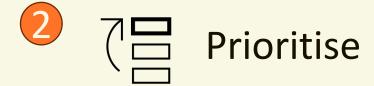




1 Handler
1 H

As an individual, identity:







top 3-5 opportunities



Use cases to think about

Candidate R1

- Pathology and Diagnostic Imaging/Radiology
- Community -> Private lab
- Community -> Public hospital lab
- Hospital (outpatient) -> Community
- Community -> Interstate lab

Other scenarios for consideration

- Request cancelled by consumer
- Request cancelled by clinician
- Request declined by provider
- Request expires
- Request expanded/amended by provider
- Request expanded/amended by clinician
- Clinician requests a future test
- Urgent request with contact instructions
- Services for one episode provided by multiple providers

Candidate R2 / Future

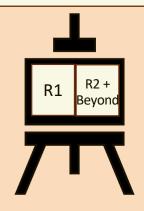
- Hospital Orders
- In-hospital requests
- Interhospital requests (hospital -> hospital)
- Lab -> Lab
- Bookings / scheduling of requests
- Sample collection
- Result linking to request (priority for R2)
- Consumer loses token/paper request
- Consumer opted out of digital records and/or My Health Record
- Pathology Rule 3 exemptions





1 Hantify





As a table - report back

What is most important to <u>your table</u> for eRequesting?

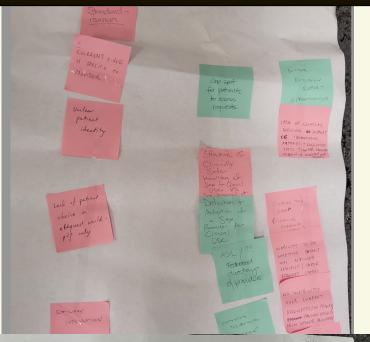
1. Which pain points or opportunities are the most important <u>for R1</u>?

As a table, discuss and agree on the top 5 of each that must be addressed in R1 Report back (and stick on Large Post it pad)

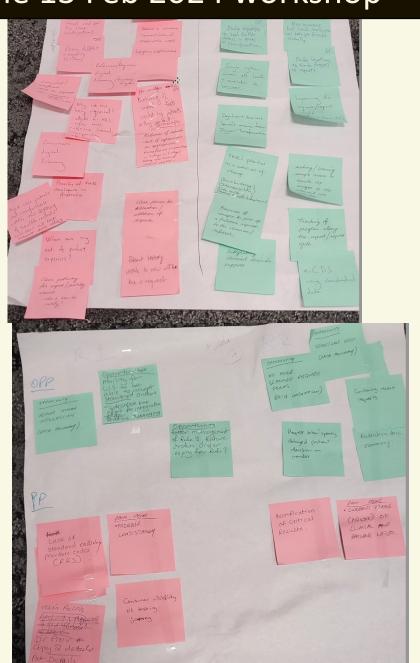
2. Which challenges are most important to achieve in the future, <u>R2 + beyond</u>?

As a table, discuss and agree on the top 5 of each, which must be addressed beyond R1 Report back (and stick on Large Post it pad)





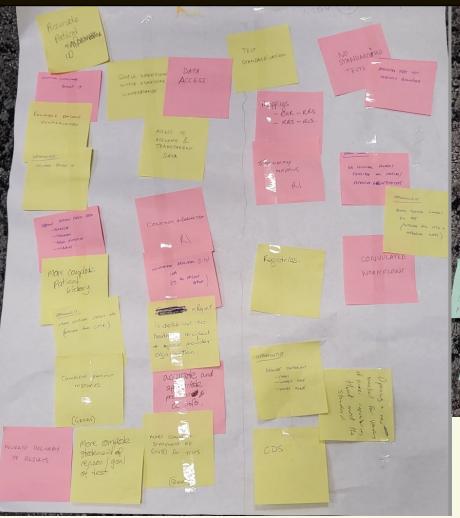


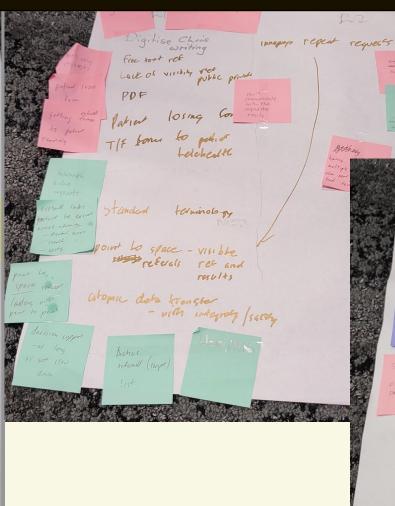


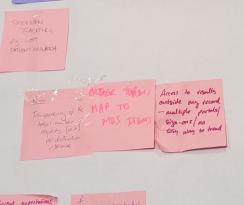


Tops Opportunities 12 Understandable request datal Patient choice activate request clinical information / to istory mel 7 day delay of recults - expediency of access Tracking of request - transparency - waterky Safe, quality e-Requests & actioning Monitor





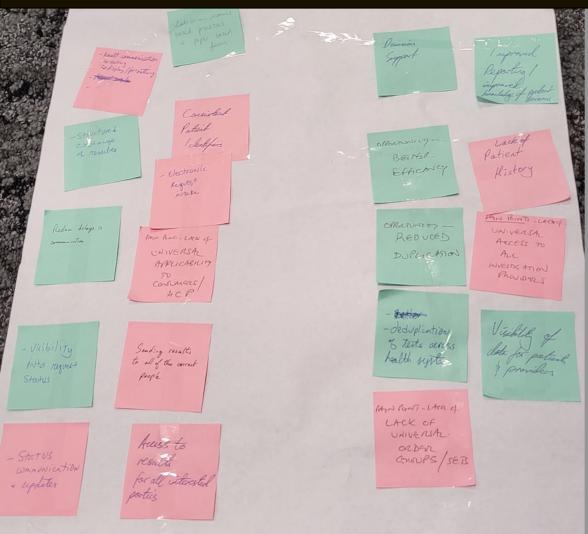


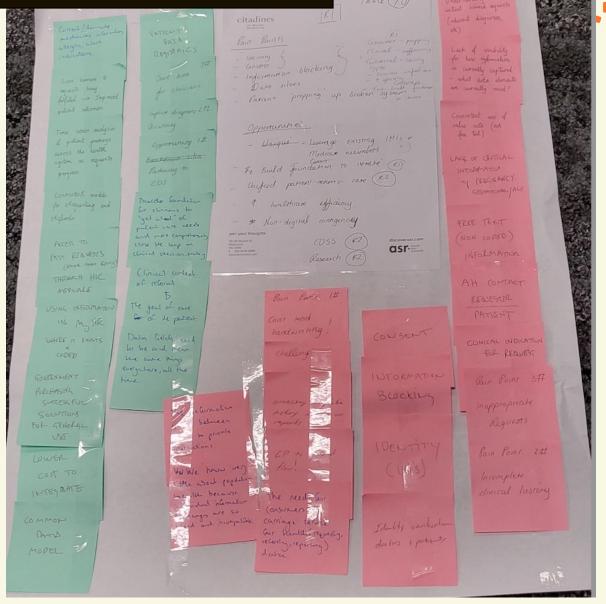


PATHWAYS

Which must be Shared - ordering dr vs. pothologist/ radiologist





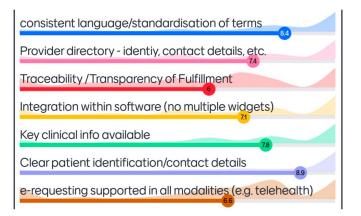




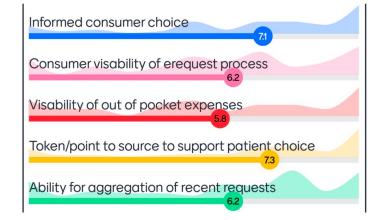


Mentimeter

Priorities R1



Priorities R1



10

Priorities R1







Workshop 2 – Workflows and priorities



Context



We're not introducing anything new



We're supporting current definitions/policies in the digital context



We are creating FHIR Implementation Guides that support current requirements & ensuring they are future-proofed

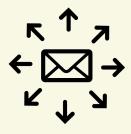


○→◇ Today we're discussing 3 model workflows that are foundational
 □←Ŏ to continue to support consumer choice in a digital ecosystem

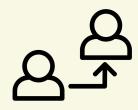


Workshop 2 - Proposed foundational workflows





1. Request generated, and **Consumer can choose** a suitable provider



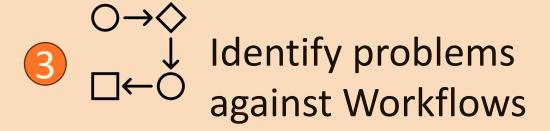
2. Healthcare provider discusses and agrees with Consumer the recommended provider with a Request Generated to that provider with the consumer following the recommendation



3. Healthcare Provider discusses and agrees with Consumer a recommended provider, request generated and later the consumer chooses an alternative to the recommended provider









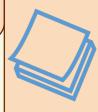


Prioritise problems



As an individual at table

Based on priorities from workshop 1 What are the most important problems to solve from each person's perspective of the foundational use cases? (note these on Post-it notes - Pink)



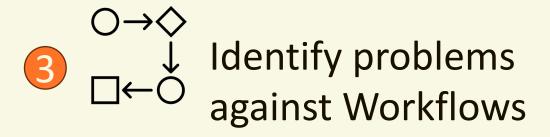
If there are steps you think are missing, or should be a Priority for R1

For R2 + beyond, identify missing steps for referral/service request repeatable workflow patterns

Add those on blue Post-its on the table









As a table (at table)

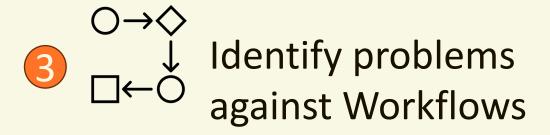
prioritise and agree on what problems must be addressed against the steps in the workflows on table

Table rep

Place priorities on tables printed on the wall printouts & why chosen (explain if R1 or Beyond R1)







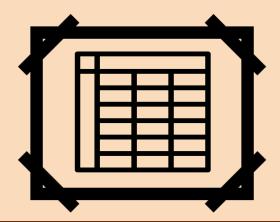


As a table (at table)

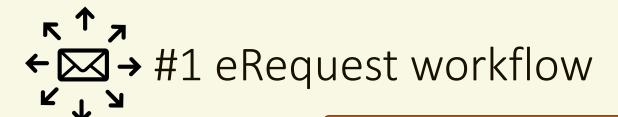
prioritise and agree on what problems must be addressed against the steps in the workflows on table

Table rep

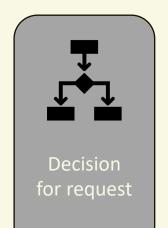
Place priorities on wall printouts & why chosen (explain if R1 or Beyond R1)





















Request successfully accepted

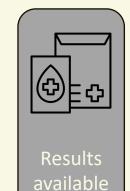


Track request status ••• O O

Test/scan is performed



Fulfilment complete



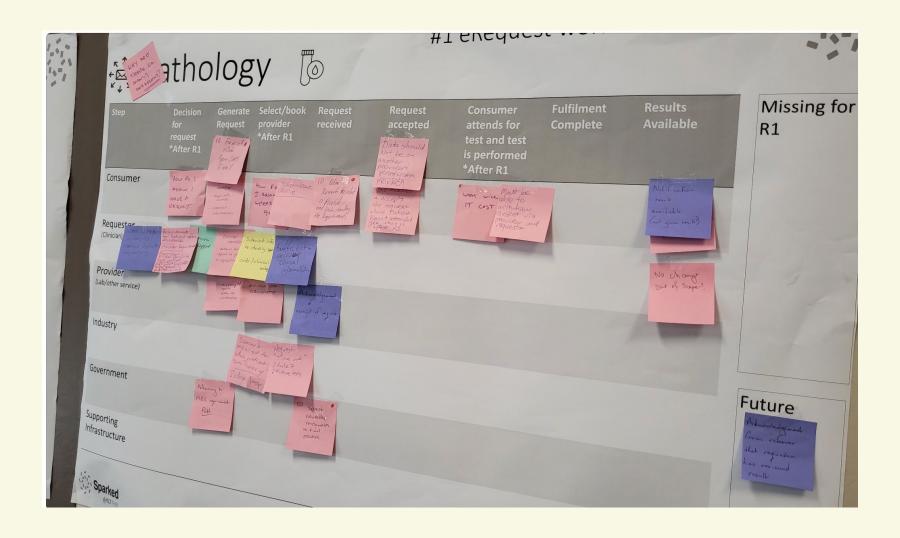
Provider generates the request allowing the consumer to choose their preferred provider

In scope for R1

Out of scope for R1

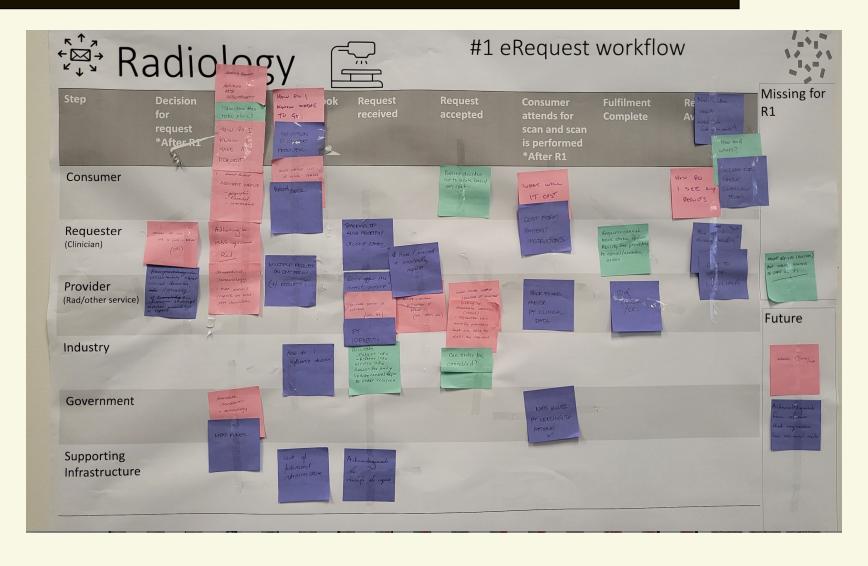
















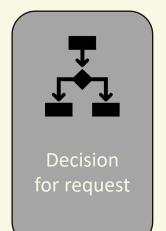
Futu	ıre –	inc	. Ser	vice	requ	#1 eRequest/ref	erra	orkflow (S)	
Step	Decision for request *After R1	Generate Request	Select/book provider *After R1	Request received	Request accepted	Consumer attends service *After R1	Service Complete	Service Response (Results/report) Available *After R1	Missing for R1
Consumer									
Requester (Clinician)		RITTEL Officer Officer Support							
(Service) Industry									Future
Government									
Supporting Infrastructure									





#2 eRequest workflow











Request sent to provider



Provider receives request



Request successfully accepted



Test/scan is performed

Track request status ••• ○ ○



Fulfilment complete



Results available

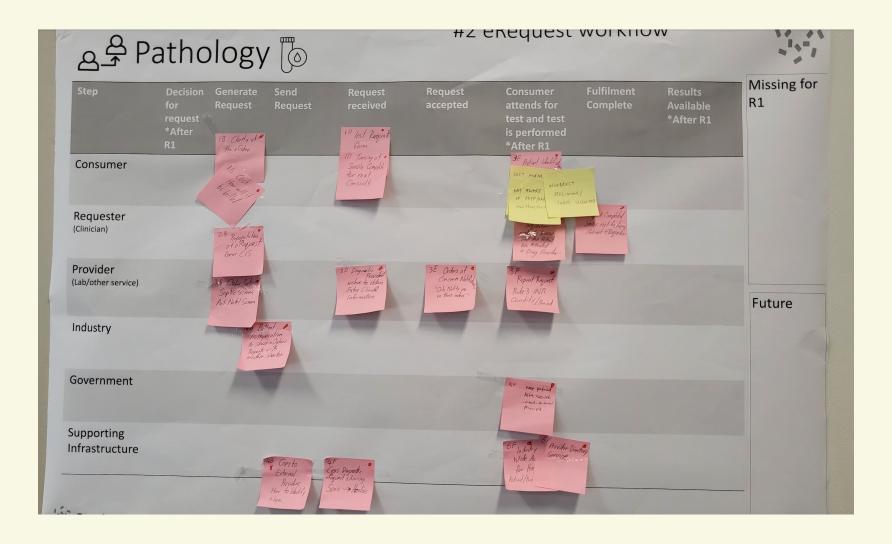
Healthcare provider discusses and agrees with Consumer the recommended provider with a Request Generated to that provider with the consumer following the recommendation

In scope for R1

Out of scope for R1

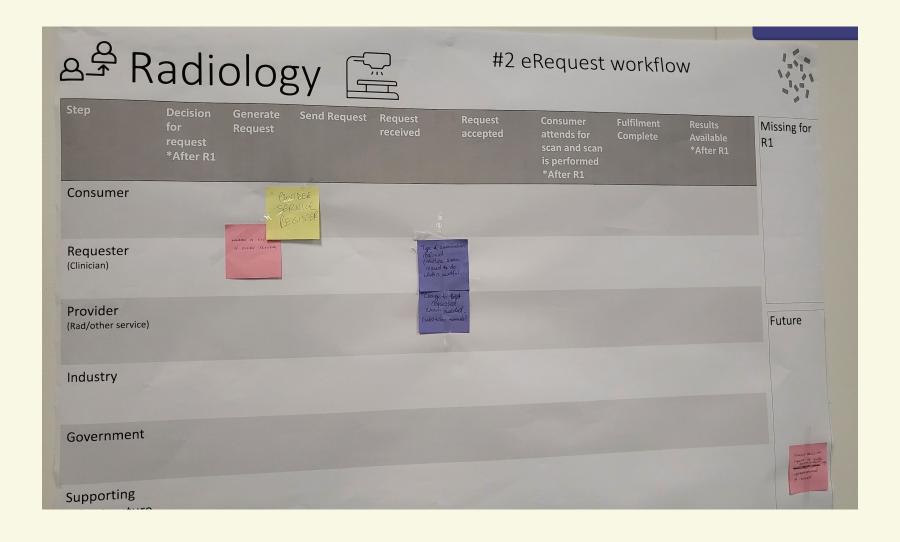






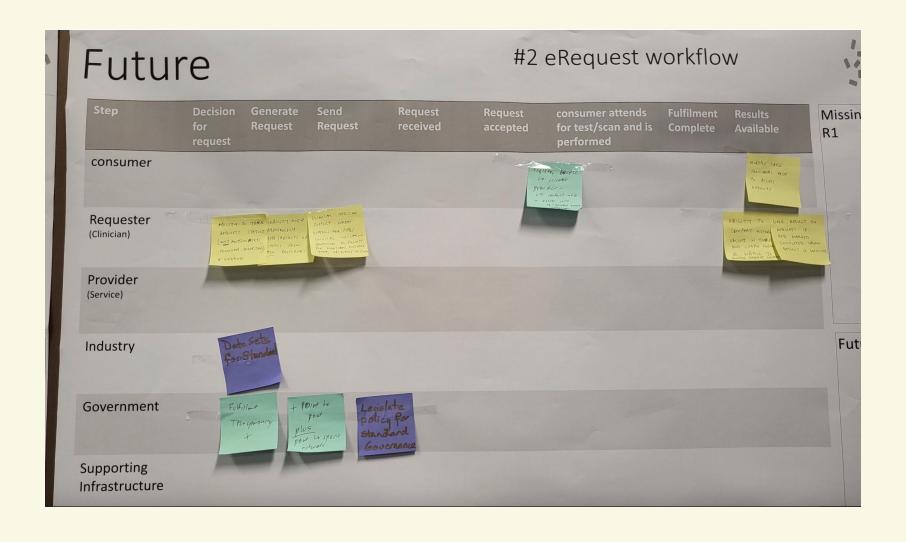














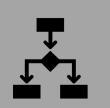


#3 eRequest workflow



Track request status ●●●○○





Decision for request



Generate request



Request sent to provider



Provider receives request



Request successfully accepted

Consumer change of mind

Healthcare Provider discusses and agrees with Consumer a recommended provider, with a request sent to the recommended provider but the consumer chooses an alternative to the recommended provider

In scope for R1

Out of scope for R1





Consumer selects & books provider



New provider receives request



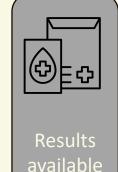
Request successfully accepted at new provider



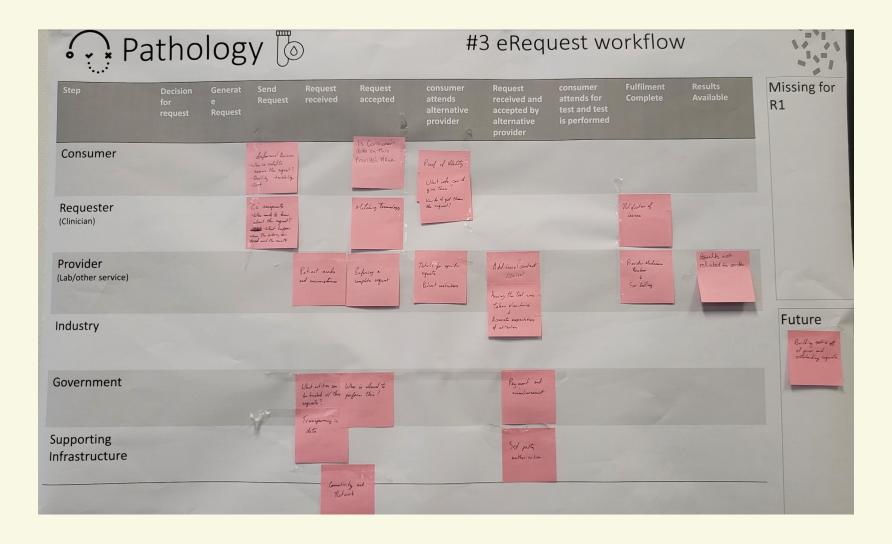
Test/scan is performed



Fulfilment complete

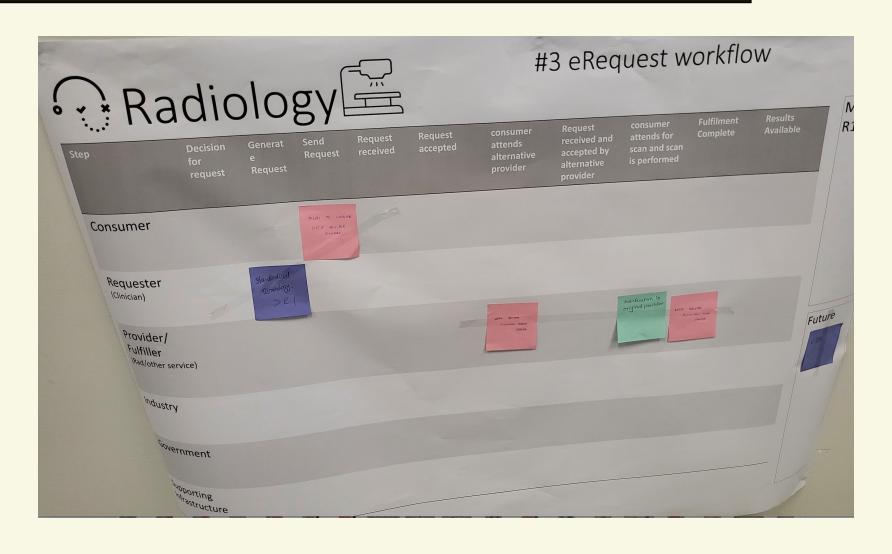






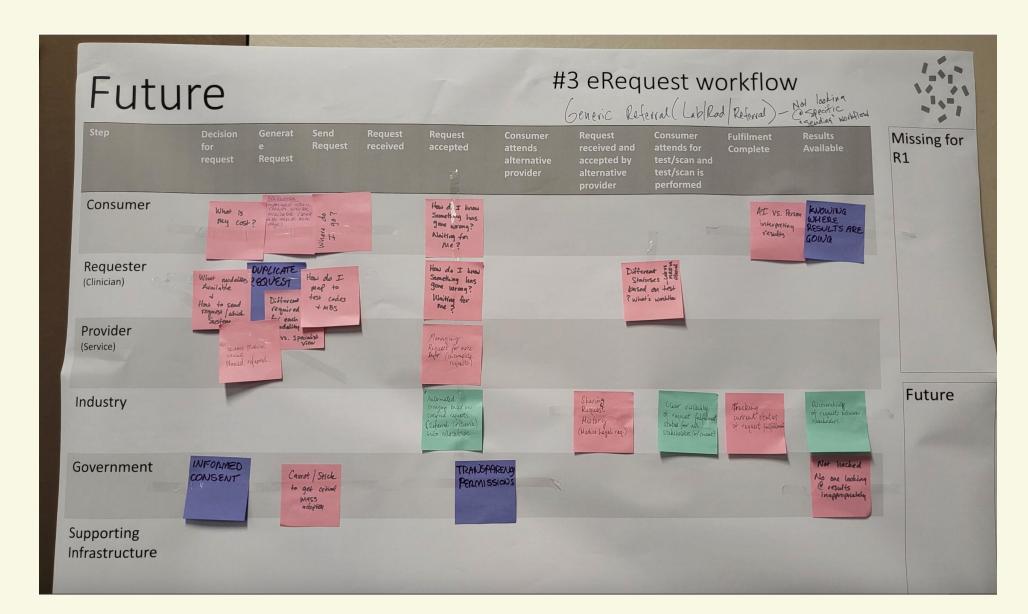














Workshop 3 – eRequesting Data Model- what is the MLM?



AUeRequestCDI

Role of AU eRequest CDI

A consistent and standardised set of structured data to be captured, used and shared for eRequesting

Informs the design of the eRequest FHIR Implementation Guide

Data:

 To solve the above use case priorities for R1, what data is critical as a foundation to build on?



Informing the eReq data model

FHIR Service Request

International consumer Summary (IPS)

openEHR Archetypes (International)

US Core Data for Interoperability (USCDI)

CSIRO Primary Care Data Quality Foundations (PCDQF) (AU)

Professional Record Standards Body Standards (PRSB - UK)

AIHW Minimum Data Sets

The pan-Canadian Health Data Content Framework

Services Australia – Service Request

Medicare Benefits Scheme

Clinical workflow and data requirements Reporting requirements

Sparked

A range of local and international sources informs the content and structure of information models in AUCDI

informs

eRequest Data Model (eReqDI) R1 **Terminology** Value sets Defines and constrains user term options AUCDI **AUCDI** are clinical data requirements informing AU Core eRequest IG R1

AU Core is a Technical FHIR

representation of AUCDI

enables

Terminology Value

sets

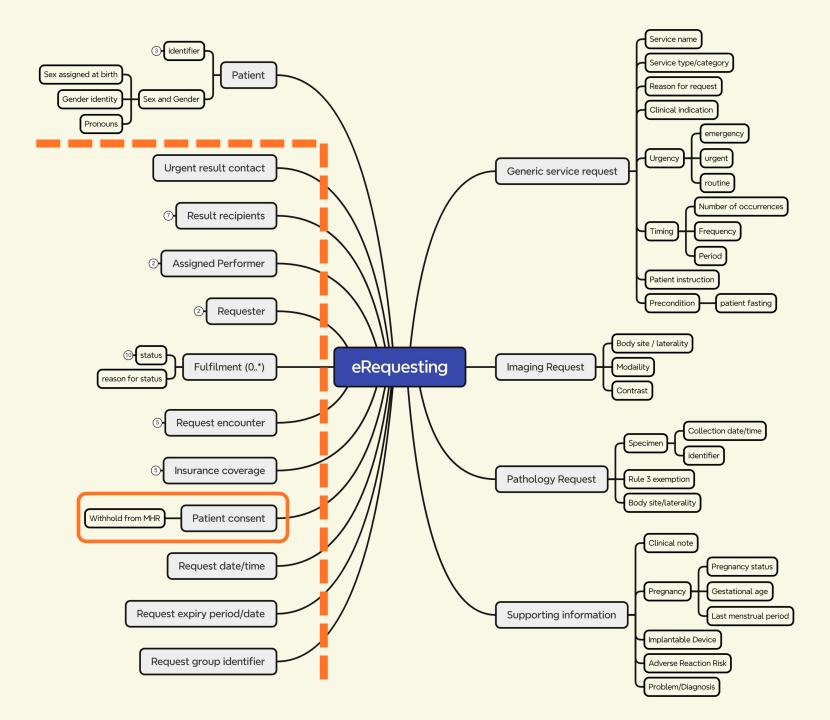
Clinical Decision Support (CDS) & AI Data Reuse Enhanced Reporting capabilities ...

eReqDI R2

Terminology Value sets

eRequest IG

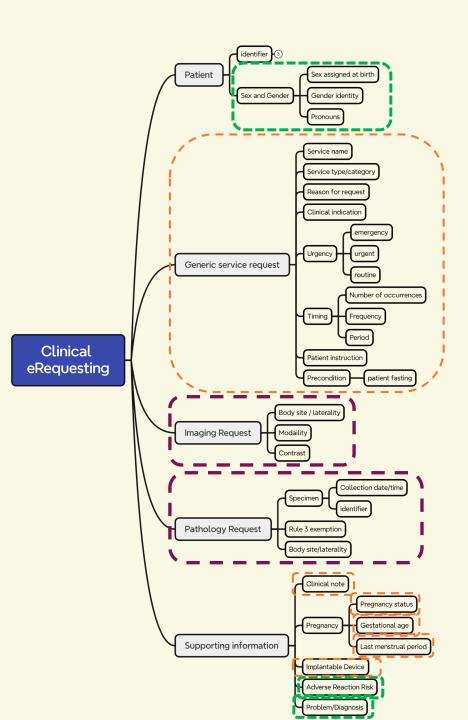
Terminology Value sets







eRequesting Clinical overview





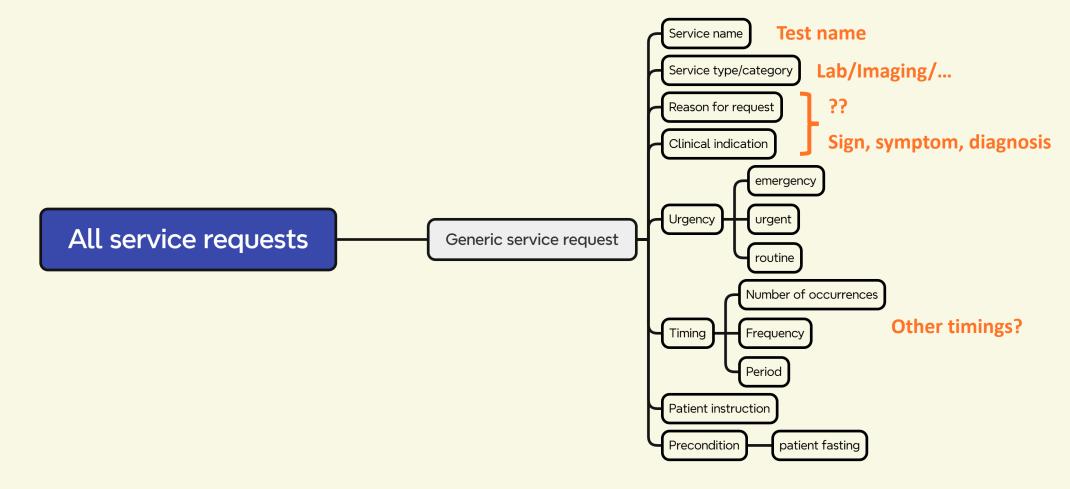
Data group

- Discrete concept
- 1 or more data elements





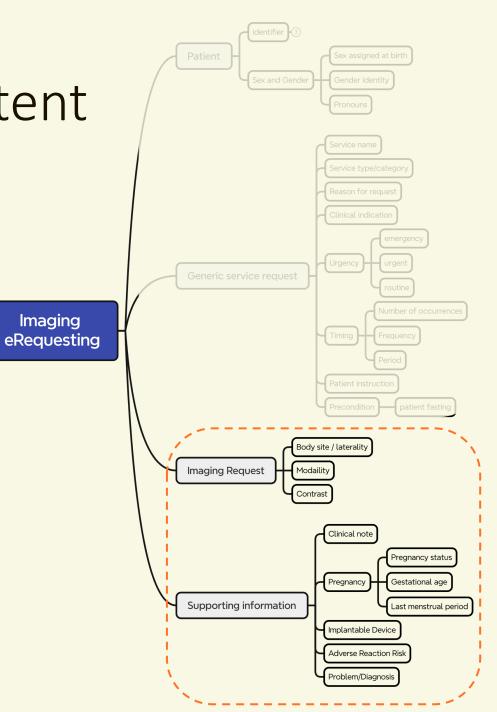
Service request content





Imaging content

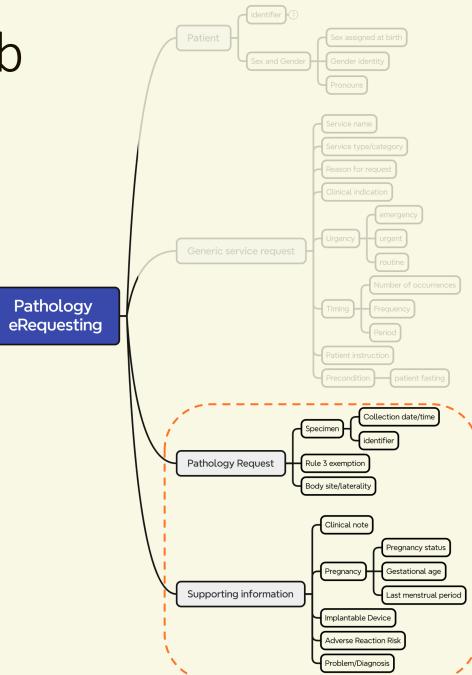
Imaging





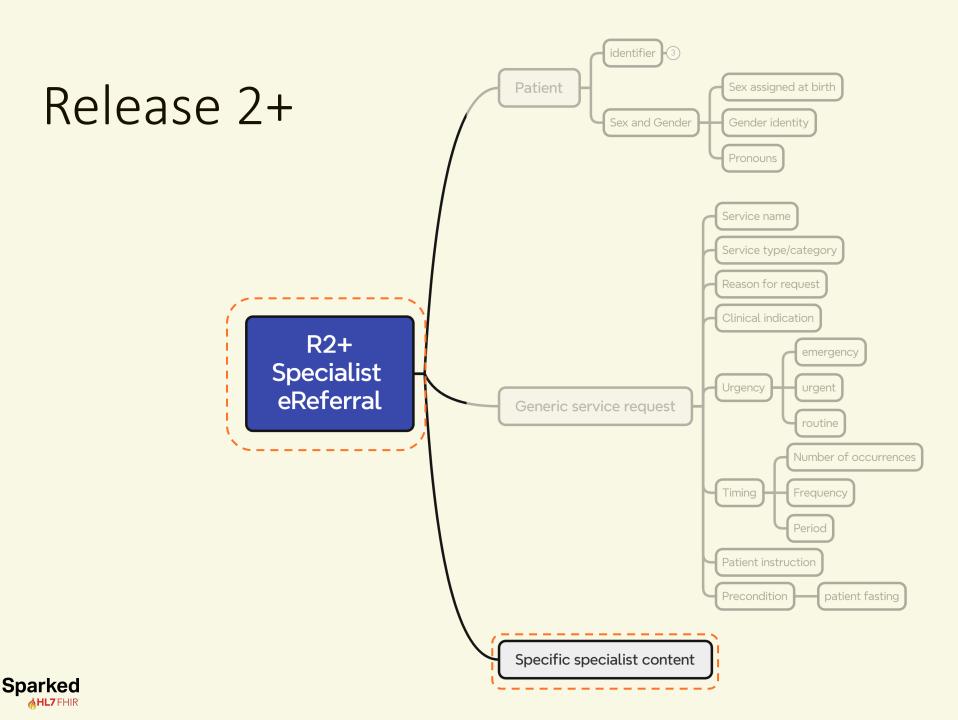


Pathology/Lab content

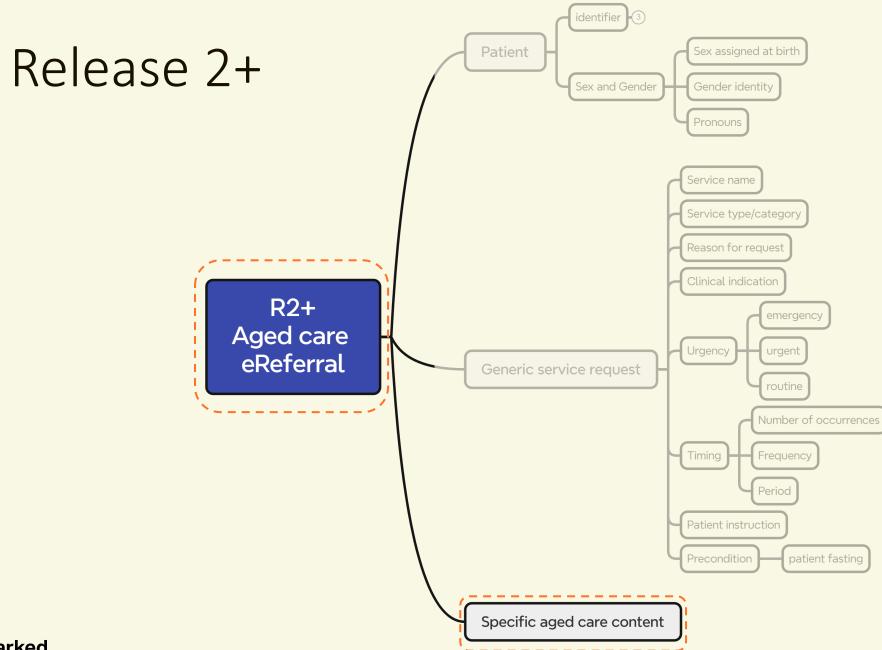










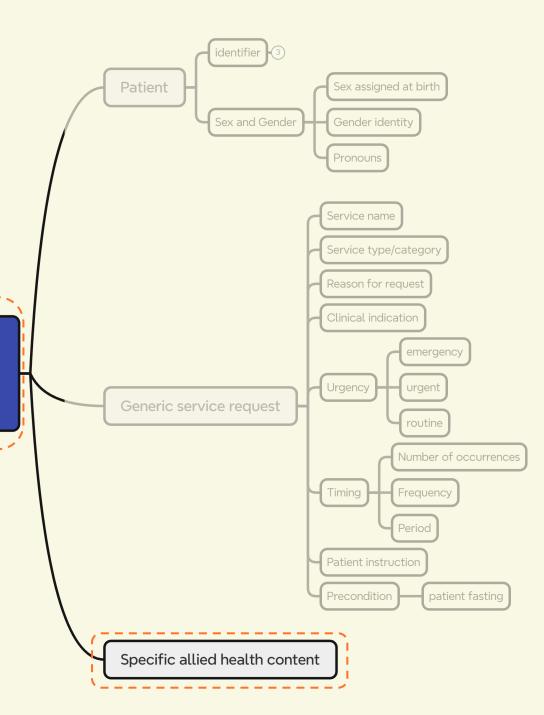






Release 2+

R2+ Allied health eReferral





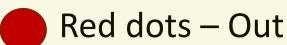


Data Workshop

1. As a table, using your table's A3 printouts, <u>discuss and agree</u> on what clinical data groups/elements must be in for R1



- 2. Nominated person transfer your table's agreed decisions using sticky dots and post-its and place them on wall printouts
 - Green dot for R1
 - Orange dots R2+



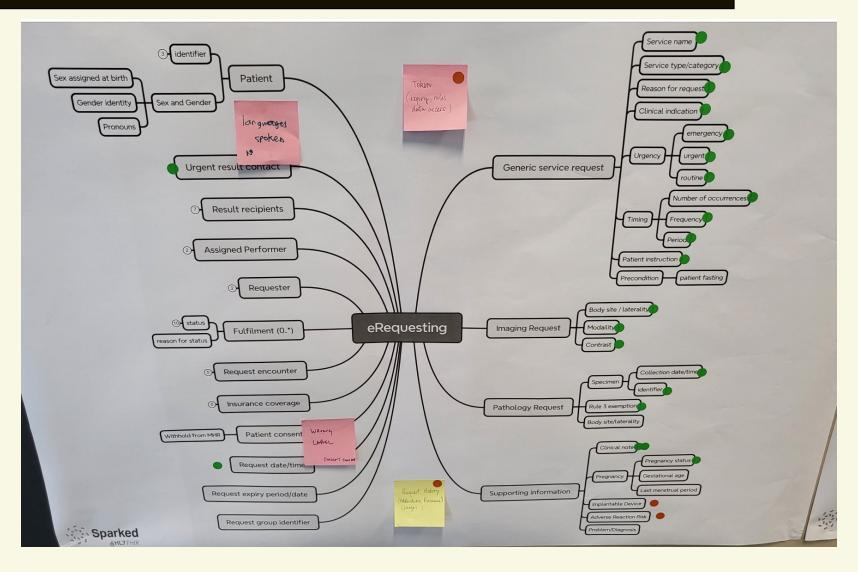


Sticky Notes:

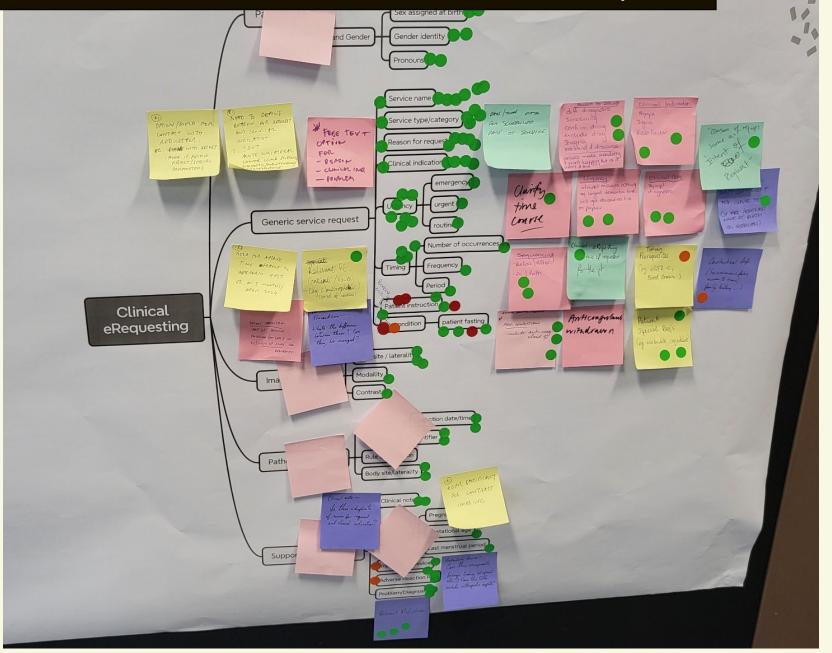
- Add missing data
- Comments
- Specify data details





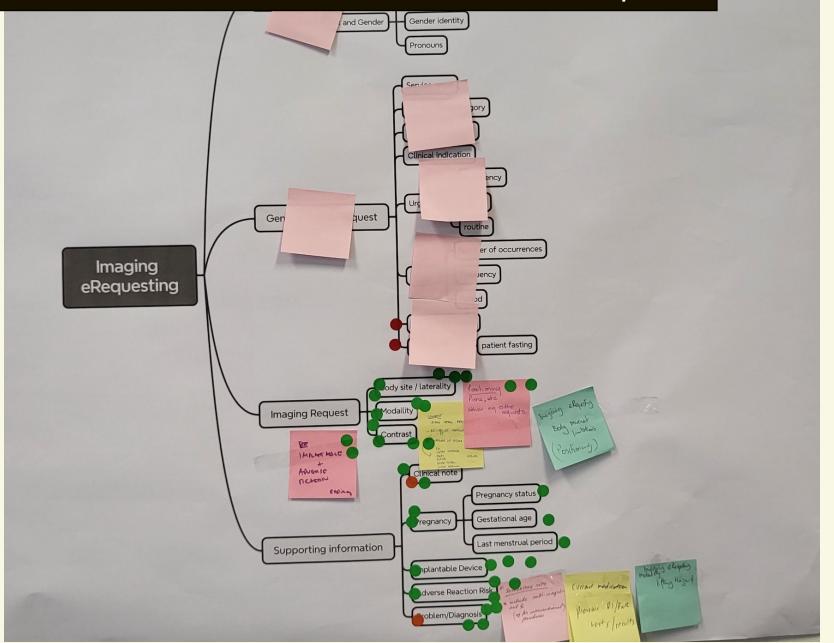








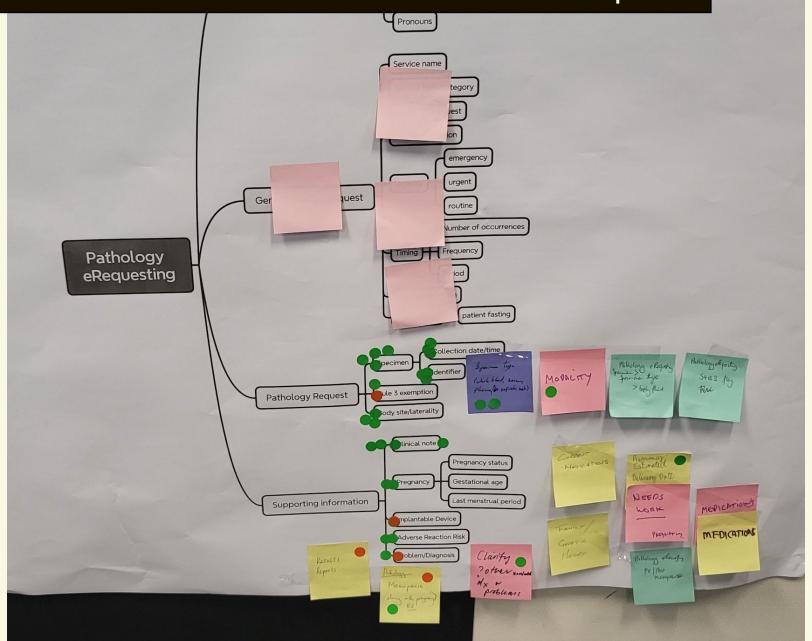








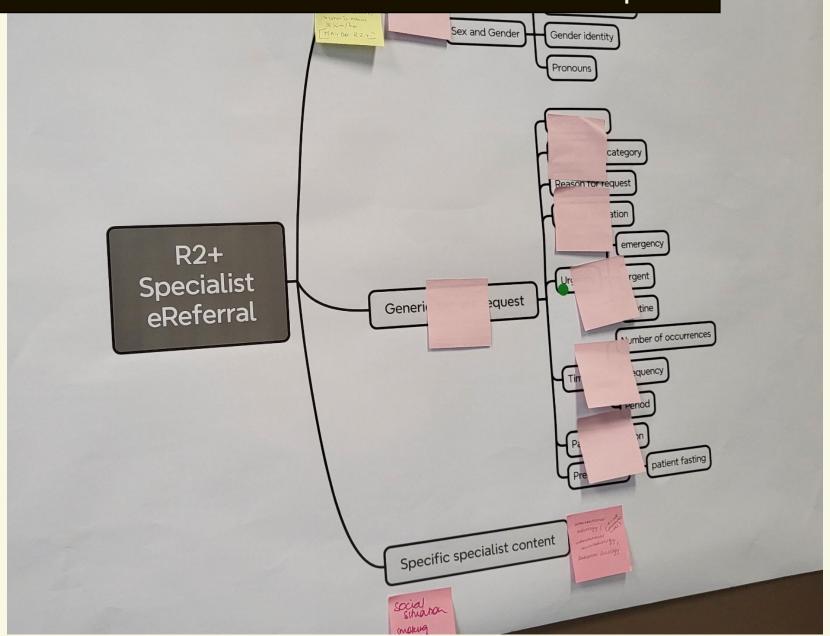




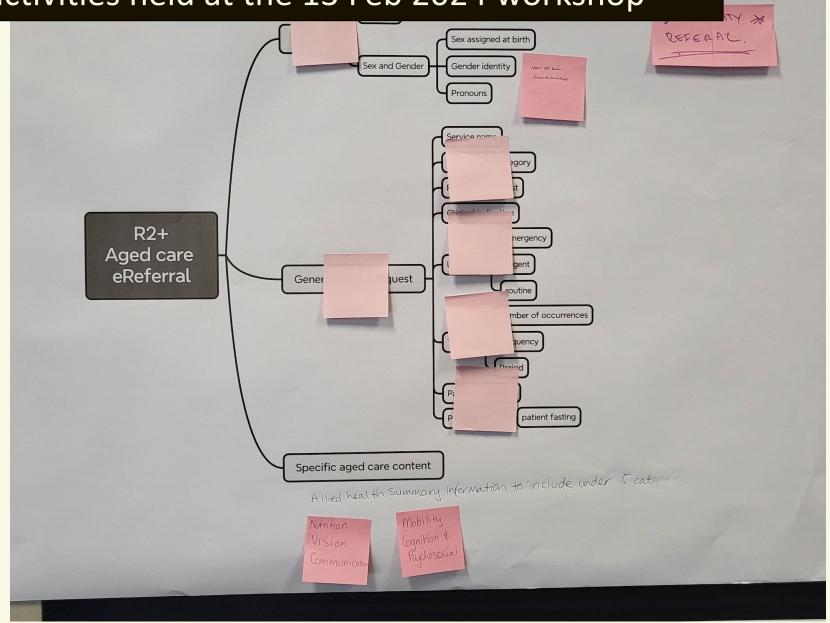






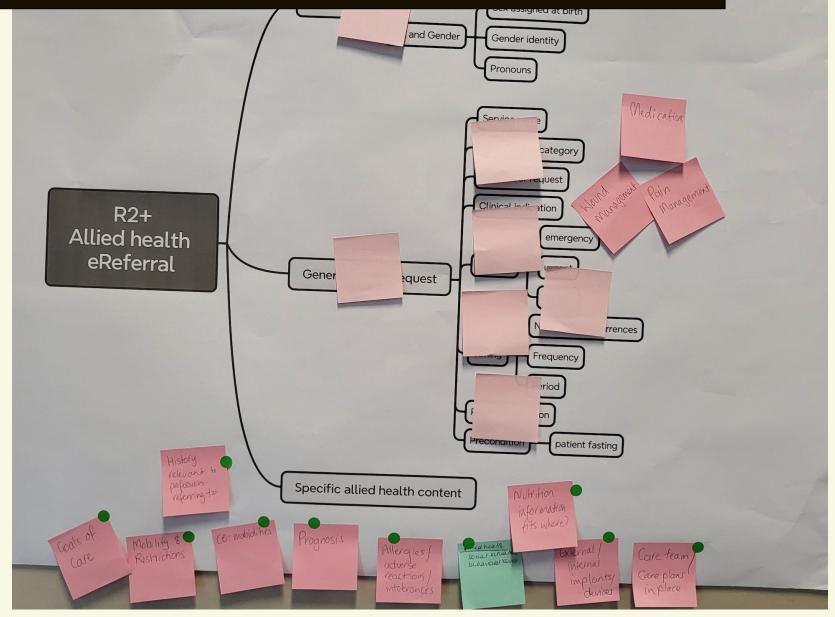




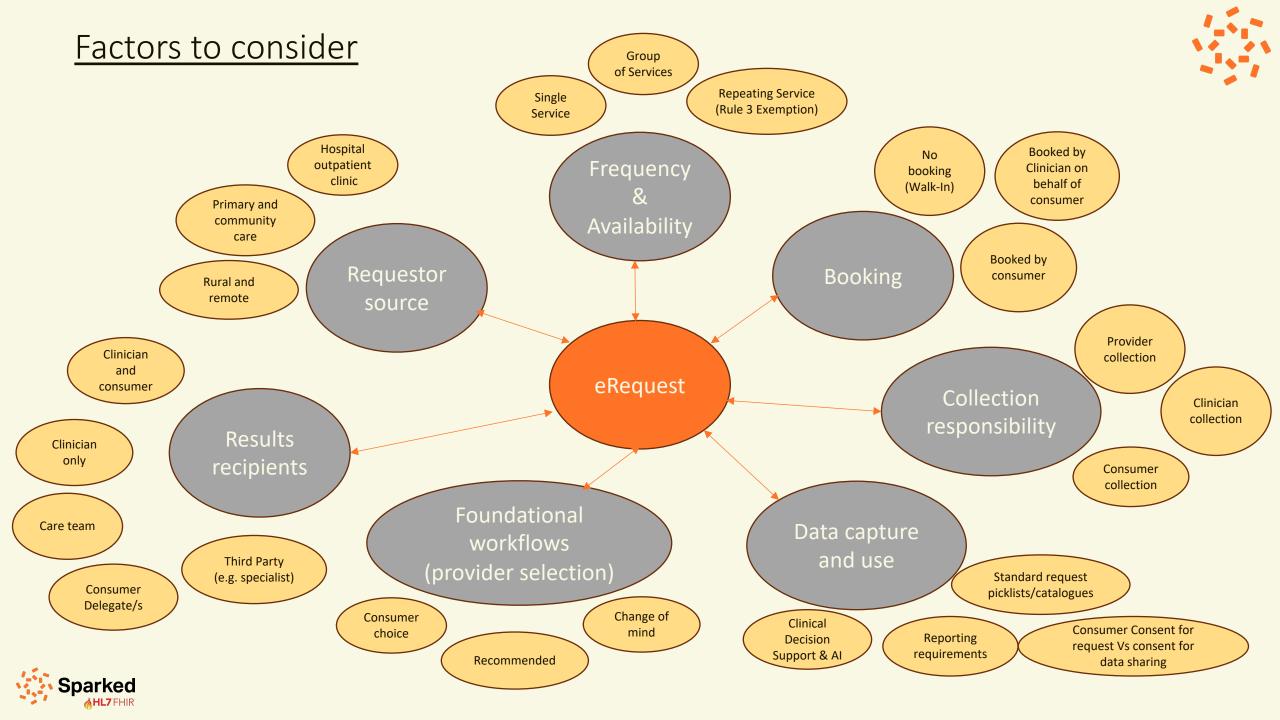










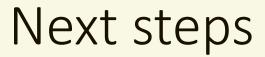


Wrap up and reflections of the day

What does success look like - where would you like us to be in 2 years?				A small volume of	Standardisation of	Seamless cross enterprise	No paper/faxed requests
No more paper requests!!!!!	R1 Complete and Mandated - R2 Underway	Industry implementation of IG	Transparent standardisation at the point of care	Erequests are transmitted nationally in anger	terminology and workflows	access	
				Path and Rad to be friends	R1 done and dusted. Stakeholders using, and	Patients can access their	Accurately identified patient, test, result recipients, accurate
Green shoots of adoption	Initial requests being sent and received electronically	Implementation of erequesting in our clinical information system	Industry engaged with implementation	:(providing brutal feedback. Builders building and listening. Government very happy.	requests online	patient safety & clinical info
Universally utilised workflows	Industry implementation	Patient friendly e requesting	R1 mandated and implemented in systems	Erquesting is the default and preferred method of requesting	Industry adoption of electronic referral, underpinned by FHIR	Consistent terminology for requesting	Data collected for Quality Indication
FHIR erequests adopted by at least 50% of the market	Implementation of the MLM with improved utility for both patients and clinician	A usable erequesting FHIR standard for path and rad.	R1 and R2 completed.Patient transparency Patient identifiers habitually	Waaaay more HIE	Standardised terminology value sets with effective governance to respond to changing needs,	GPs and Allied Health are requesting a health service	Really available information for all based on R1. And a bit more
Beyond just imaging and pathology	I can go to GP, then go get my pathology/imaging where I want, and not carry a piece of paper.	Green shoots of adoption	eRequesting integrated by vendors which speed up current workflows	Al listens to consultation and cross references health record and suggests relevant tests with associated instructions, approx costs and pt friendly instructions.	Clear identifiable test request with patient ID and good clinical information	General public has been updated and don't expect too muchProfession has been educated regarding the needImplementation guide implementedSoftware providers have heads up for R2	Seamed interoperability
Transparency of e-requesting for patients and efficient processes for clinician's to	Industry engaged and choosing to implement.	No more HIE	Published and sufficient R1, practical governance and scope for R2	Standardised Terminology	Standardised terminology, patient identifiers	Consumers happy	System trusted by patients and referrers
order and retrieve undates Lit	FHIR	CONSTRAINED	Digital patholgy is coming its like imaging across some modalities a friendly standard for both using the FHIR/DICOM standard.	Literacy for electronic records	Information flows to GP systems to give more visibility would also be nice	Diagnostic eRequesting with all green requirements. Receiving orders routinely. Order status response messages. Moving to include more data streams	Platforms to built future- proofed trust frameworks that protect patient data
				Optimistic	Geeks know what the GPs want	FHIR	Thirsty









- Tomorrow the TDG! They will take out- puts from today
- CDG will progress data model discussions through the CDG calls- dates will be posted on Confluence
- Industry and Clinical Leadership event in Sydney 21 Feb
- HL7 AU and HL7 NZ Interoperability Symposium 20 March
- HL7 AU and HL7 NZ Connectathon 21/22 March
- AU CDI Commenting period closes 8 March
- Draft eRequesting Data for Interoperability R1 will be published for public comment-before June 2024
- AUCDI R1 will be published as final in June 2024



