

FHIR capability comparison



MediRecords FHIR capability enables secure sharing of practitioner, organisation and patient data. This means clinical records, including allergies, health conditions, immunisations, vital signs, lab results, and medications, can be exchanged safely. We support industry standards for API connectivity, backed by strong security measures designed to protect your data privacy. Our APIs come with robust search tools, using criteria such as patient name and unique ID, and our user-friendly interface simplifies data exchange, promoting better patient care, fewer clinical errors, and seamless collaboration among healthcare providers and researchers.

This document compares MediRecords FHIR services (currently version 4.0.1) against the FHIR capabilities of key healthcare agencies in UK, US and Australia. We welcome opportunities to explore your business needs for FHIR data exchange.

Who are we comparing?

Primary Care Data Quality Foundations (PCDQF)

Primary Care Data Quality Foundations (PCDQF) is a CSIRO training program, funded by the Australian Department of Health, that aims to improve the quality and standardisation of data in primary care settings)

FHIR AU

FHIR AU is a resource for using FHIR R4, a standard for exchanging healthcare information. It defines custom concepts and profiles that are relevant for the Australian healthcare system, based on the core FHIR R4 specification.

Australian Institute of Health and Welfare (AIHW)

The Australian Institute of Health and Welfare (AIHW) is a national agency that provides reliable and relevant information and statistics on Australia's health and welfare.

International Patient Summary (IPS)

The International Patient Summary (IPS) is a standard for sharing essential healthcare information about a patient across borders or locally. It is based on ISO/EN 17269 and realised by HL7.

United States Core Data for Interoperability (USCDI)

The United States Core Data for Interoperability (USCDI) is a standardised set of health data classes and constituent data elements for nationwide, interoperable health information exchange. Visit USCDI standards [here](#).

Professional Record Standards Body (PRSB)




The Professional Record Standards Body (PRSB) is a UK organisation that sets standards for health and social care records. It works with various stakeholders to ensure data quality and accessibility. Visit PRSB's API and integration catalogue [here](#).

Australian Core Data for Interoperability (AUCDI)

The Australian Core Data for Interoperability (AUCDI) defines reusable 'data groups' for clinical information, complemented by the FHIR standard for data exchange, allowing flexible implementation tailored to specific healthcare needs in Australia.

Comparison criteria legend

Stage of capability

-  Existing
-  In development
-  Roadmap (future)

MediRecords REST/webhook criteria

- R:** Read
- C:** Create
- U:** Update
- D:** Delete
- W:** Webhook

FHIR capability comparison



	PCDQF	FHIR AU Core draft	AIHW (draft)	IPS	USCDI	PRSB	AUCDI	MediRecords
Scores and scales								
Absolute cardiovascular risk assessment AU	Green	White	Green	White	White	White	White	White
Alcohol Use Disorders Identification Test (AUDIT)	Green	White	Green	White	Light Green	White	White	White
Social determinants of health								
Education summary	Green	White	Green	White	Light Green	Green	White	White
Living arrangement summary/Household	White	White	Green	White	Green	Green	White	White
Occupation summary	Green	White	Green	White	Green	Green	White	White
Personal safety record	Green	White	Green	White	Light Green	White	White	White
Vaccinations								
Vaccination record	Green	Green	Green	Green	Green	Green	Green	R,W
About me								
Also worth knowing about me	White	White	White	White	White	Green	White	White
How and when to support me	White	White	White	White	White	Green	White	White
How I communicate and how to communicate with me	White	White	White	White	White	Green	Green	Green
My wellness	White	White	White	White	White	Green	White	White
People who are important to me	White	White	White	White	White	Green	Green	Green
Please do and please don't	White	White	White	White	White	Green	White	White
What is most important to me	White	White	White	White	White	Green	White	White
Admin								
Health insurance information	White	Green	White	White	Green	White	Green	Green
ADT								
Admission details	White	White	White	White	White	Green	White	Green
Discharge details	White	White	White	White	White	Green	White	Light Green
Future appointments	White	White	White	White	White	Green	White	White
Adverse Reactions/Allergies								
Adverse reaction/Allergy list	Green	White	White	White	White	White	Green	C,R,U,D,W
Alerts								
Alerts	White	White	White	White	White	Green	White	White

FHIR capability comparison



	PCDQF	FHIR AU Core draft	AIHW (draft)	IPS	USCDI	PRSB	AUCDI	MediRecords
Biologically derived product								
Biologically derived product					Light Green			
Care plan								
Care plan		Green			Green			
Follow-up activity	Green							
Goal	Green				Light Green	Green		
Requested activities						Green		
Safety plan						Green		
Support plan						Green		
Communication/Knowledge transfer								
Airway note					Light Green			
Antepartum summary note					Green			
Clinical synopsis	Green							
Emergency department note					Green			
Maternal and social determinants of health note					Light Green			
Operative note					Green			
Postmartum summary note					Green			
Treatment change					Light Green			
Contacts								
Care team members		Green			Green			R,W
Personal contacts						Green		Green
Professional contacts						Green		Green
Diagnostic results								
Audiogram					Light Green			
Diagnostic Report		Green						R,W
ECG					Light Green			
Endoscopy					Light Green			
Holten monitor					Light Green			

FHIR capability comparison



	PCDQF	FHIR AU Core draft	AIHW (draft)	IPS	USCDI	PRSB	AUCDI	
History taking (cont.)								
Procedure screening	■							
Social context screening								
Story narrative								
Symptom/sign	■							
Symptom/sign screening	■							
Vaccination screening								
Legal								
Advance decision to refuse treatment						■		
Advance directive					■	■		
Child/Unborn child protection plan						■		
Consent for assessment	■							■
Consent for health information sharing	■					■		■
Consent relating to child						■		
Deprivation of liberty safeguard						■		
Living will					■			
Looked after child						■		
Medical power of attorney					■	■		
Mental capacity assessment						■		
Mental health act status						■		
Personal Advance care plan					■			
Quality of life priorities					■			
Safeguarding concerns						■		
Lifestyle risk factors								
Contraceptive summary	■							
Infant feeding summary	■							
Sexual health summary	■				■			
Measurements								
Birth weight					■			
Body mass index	■	■			■			R,W
Body weight	■	■					■	R,W

FHIR capability comparison



	PCDQF	FHIR AU Core draft	AIHW (draft)	IPS	USCDI	PRSB	AUCDI	MediRecords
Personal								
Ethnicity	Green	White	White	White	Light Green	White	Green	Green
Gender	Green	Green	White	White	Green	White	Green	Green
Immigration/Refugee status	White	White	White	White	Green	Green	White	White
Organ donor	White	White	White	White	Light Green	White	White	White
Religious affiliation/preferences	White	White	White	White	Light Green	White	White	White
Sex for clinical use	White	White	White	White	Green	White	White	White
Physical examination								
Intraocular pressure	White	White	White	White	Light Green	White	White	White
Physical exam of the mouth	Green	White	White	White	White	White	White	White
Physical examination	Green	White	White	White	White	Green	White	White
Physical examination of the ear	Green	White	White	White	White	White	White	White
Physical examination of the eye	Green	White	White	White	White	White	White	White
Physical examination of both eyes	Green	White	White	White	White	White	White	White
Physical examination of the heart	Green	White	White	White	White	White	White	White
Reason for encounter								
Reason for encounter	Green	White	White	White	White	White	Green	Green
Reasonable adjustments								
Reasonable adjustments	White	White	White	White	White	Green	White	White
Relapse indicators								
Relapse indicators/'early warning' signs	White	White	White	White	White	Green	White	White
Risks								
Risks	White	White	White	White	White	Green	White	White
Services and care								
Services and care	White	Green	White	White	White	Green	White	White
Social determinants of health								
Financial summary	White	White	White	White	Light Green	White	White	White
Gambling summary	Green	White	White	White	White	White	White	White
Housing summary	White	White	White	White	Light Green	White	White	White
Incarceration	White	White	White	White	Light Green	White	White	White
Outcomes	White	White	White	White	Green	White	White	White

