

HL7 FHIR Implementation Guides

This is a curated list taken from the available guides at <https://build.fhir.org/ig/HL7/>

Implementation Guide	Link
AI Transparency on FHIR	https://build.fhir.org/ig/HL7/aitransparency-ig/
Bidirectional Services eReferral (BSeR)	https://build.fhir.org/ig/HL7/bser/
Bulk Data Access IG	https://build.fhir.org/ig/HL7/bulk-data/
Cancer Pathology Data Sharing	https://build.fhir.org/ig/HL7/cancer-reporting/
FHIR Application Feature Framework Implementation Guide	https://build.fhir.org/ig/HL7/capstmt/
CardX - Cardiac Implantable Electronic Devices	https://build.fhir.org/ig/HL7/CardX-CIED/
CardX Hypertension Management	https://build.fhir.org/ig/HL7/CardX-HTN-MNG/
CardX Hypertension Management Use Case	https://build.fhir.org/ig/HL7/cardx-ig/
CARIN Consumer Directed Payer Data Exchange (CARIN IG for Blue Button®)	https://build.fhir.org/ig/HL7/carin-bb/
CARIN Digital Insurance Card	https://build.fhir.org/ig/HL7/carin-digital-insurance-card/
Consumer Real-Time Pharmacy Benefit Check FHIR IG	https://build.fhir.org/ig/HL7/carin-rtpbc/
HL7 FHIR® Implementation Guide: Electronic Case Reporting (eCR) - US Realm	https://build.fhir.org/ig/HL7/case-reporting/
C-CDA on FHIR	https://build.fhir.org/ig/HL7/ccda-on-fhir/
Consolidated CDA Release 2.1 StructureDefinition Publication	https://build.fhir.org/ig/HL7/CDA-ccda-2.1-sd/

Implementation Guide	Link
Consolidated CDA Release 2.2	https://build.fhir.org/ig/HL7/CDA-ccda-2.2/
Consolidated CDA (C-CDA)	https://build.fhir.org/ig/HL7/CDA-ccda/
Clinical Document Architecture	https://build.fhir.org/ig/HL7/CDA-core-2.0/
Clinical Document Architecture	https://build.fhir.org/ig/HL7/CDA-core-sd/
CDA Examples	https://build.fhir.org/ig/HL7/CDA-Examples/
Specialty Eyecare CDA Implementation Guide	https://build.fhir.org/ig/HL7/cda-eyecare/
International Patient Summary (IPS)	https://build.fhir.org/ig/HL7/CDA-IPS/
Data Exchange Profiles for 2022 CDC Clinical Practice Guideline for Prescribing Opioids	https://build.fhir.org/ig/HL7/cdc-opioid-cpg/
Common Data Models Harmonization 1.0.0 - STU 1 Publication	https://build.fhir.org/ig/HL7/cdmh/
CDS Hooks Library	https://build.fhir.org/ig/HL7/cds-hooks-library/
CDS Hooks	https://build.fhir.org/ig/HL7/cds-hooks/
Continuous Glucose Monitoring	https://build.fhir.org/ig/HL7/cgm/
Laboratory Base Class FHIR Profiles	https://build.fhir.org/ig/HL7/cimi-labs/
Vital Signs with Qualifying Elements	https://build.fhir.org/ig/HL7/cimi-vital-signs/
Consumer Mobile Health Application Functional Framework, Release 2	https://build.fhir.org/ig/HL7/cmhaff-ig/
CodeX Radiation Therapy	https://build.fhir.org/ig/HL7/codex-radiation-therapy/
Content Management Infrastructure Implementation Guide	https://build.fhir.org/ig/HL7/Content-Management-

Implementation Guide	Link
	Infrastructure-IG/
Quality Measure Implementation Guide	https://build.fhir.org/ig/HL7/cqf-measures/
Clinical Practice Guidelines	https://build.fhir.org/ig/HL7/cqf-recommendations/
Using CQL With FHIR	https://build.fhir.org/ig/HL7/cql-ig/
Clinical Quality Language Specification	https://build.fhir.org/ig/HL7/cql/
Canonical Resource Management Infrastructure Implementation Guide	https://build.fhir.org/ig/HL7/crmi-ig/
HL7 FHIR Implementation Guide: Data Access Policies	https://build.fhir.org/ig/HL7/data-access-policies/
Da Vinci Unsolicited Notifications	https://build.fhir.org/ig/HL7/davinci-alerts/
Da Vinci - Member Attribution (ATR) List	https://build.fhir.org/ig/HL7/davinci-atr/
Da Vinci - Coverage Requirements Discovery	https://build.fhir.org/ig/HL7/davinci-crd/
Da Vinci - Documentation Templates and Rules	https://build.fhir.org/ig/HL7/davinci-dtr/
Da Vinci Clinical Data Exchange (CDex)	https://build.fhir.org/ig/HL7/davinci-ecdex/
Da Vinci Health Record Exchange (HRex)	https://build.fhir.org/ig/HL7/davinci-ehrx/
Da Vinci Payer Data Exchange	https://build.fhir.org/ig/HL7/davinci-epdx/
Da Vinci Prior Authorization Support (PAS) FHIR IG	https://build.fhir.org/ig/HL7/davinci-pas/
Da Vinci - Payer Coverage Decision Exchange (PCDE)	https://build.fhir.org/ig/HL7/davinci-pcde/
Da Vinci Payer Data Exchange (PDex) US Drug Formulary	https://build.fhir.org/ig/HL7/davinci-pdex-formulary/

Implementation Guide	Link
Da Vinci PDex Plan Net	https://build.fhir.org/ig/HL7/davinci-pdex-plan-net/
Da Vinci Postable Remittance	https://build.fhir.org/ig/HL7/davinci-pr/
Da Vinci Risk Adjustment Implementation Guide	https://build.fhir.org/ig/HL7/davinci-ra/
Da Vinci Value-Based Performance Reporting Implementation Guide	https://build.fhir.org/ig/HL7/davinci-vbpr/
Data Exchange For Quality Measures Implementation Guide	https://build.fhir.org/ig/HL7/davinci-deqm/
Patient Cost Transparency Implementation Guide	https://build.fhir.org/ig/HL7/davinci-pct/
Dental Data Exchange	https://build.fhir.org/ig/HL7/dental-data-exchange/
DICOM® SR to FHIR Resource Mapping IG	https://build.fhir.org/ig/HL7/dicom-sr/
FHIR Orders Exchange (FOE) / Post-Acute Orders (PAO) / (DME-Orders)	https://build.fhir.org/ig/HL7/dme-orders/
Evidence Based Medicine on FHIR Implementation Guide	https://build.fhir.org/ig/HL7/ebm/
Enhancing FHIR for Social Services	https://build.fhir.org/ig/HL7/efss/
Electronic Health Record System Functional Model Base	https://build.fhir.org/ig/HL7/ehrs-base-ig/
EHR and PHR System Functional Models - Record Lifecycle Events Implementation Guide	https://build.fhir.org/ig/HL7/ehrs-rle-ig/
HL7 Electronic Health Record System Functional Model, Release 2.1.1	https://build.fhir.org/ig/HL7/ehrsfm-ig/
Electronic Long-Term Services and Supports (eLTSS) Release 1 - US Realm	https://build.fhir.org/ig/HL7/eLTSS/
Global Core Electronic Medicinal Product Information (ePI)	https://build.fhir.org/ig/HL7/emedicinal-product-info/
International Birth And Child Model Implementation Guide	https://build.fhir.org/ig/HL7/fetal_records/

Implementation Guide	Link
Adverse Event Clinical Care	https://build.fhir.org/ig/HL7/fhir-ae-care-ig/
Adverse Event Clinical Research R4 Backport	https://build.fhir.org/ig/HL7/fhir-ae-research-backport-ig/
Adverse Event Clinical Research	https://build.fhir.org/ig/HL7/fhir-ae-research-ig/
Birth And Fetal Death (BFDR) FHIR Implementation Guide	https://build.fhir.org/ig/HL7/fhir-bfdr/
Birth Defects Reporting - STU1	https://build.fhir.org/ig/HL7/fhir-birthdefectsreporting-ig/
Breast Imaging Reporting	https://build.fhir.org/ig/HL7/fhir-breast-radiology-ig/
FHIR to CDISC Joint Mapping Implementation Guide	https://build.fhir.org/ig/HL7/fhir-cdisc-mapping/
Central Cancer Registry Reporting Content IG	https://build.fhir.org/ig/HL7/fhir-central-cancer-registry-reporting-ig/
FHIR Clinical Documents	https://build.fhir.org/ig/HL7/fhir-clinical-document/
Scalable Consent Management	https://build.fhir.org/ig/HL7/fhir-consent-management/
COVID-19 FHIR Profile Library IG Informative Version	https://build.fhir.org/ig/HL7/fhir-COVID19Library-ig/
Clinical Order Workflows	https://build.fhir.org/ig/HL7/fhir-cow-ig/
Quality Measure Implementation Guide	https://build.fhir.org/ig/HL7/fhir-cqm/
FHIR Cross-Version Mapping Pack	https://build.fhir.org/ig/HL7/fhir-cross-version/
National Healthcare Directory Attestation and Verification	https://build.fhir.org/ig/HL7/fhir-directory-attestation/
National Healthcare Directory Exchange	https://build.fhir.org/ig/HL7/fhir-directory-exchange/

Implementation Guide	Link
National Healthcare Directory Query	https://build.fhir.org/ig/HL7/fhir-directory-query/
Hybrid / Intermediary Exchange	https://build.fhir.org/ig/HL7/fhir-exchange-routing-ig/
FHIR Extensions Pack	https://build.fhir.org/ig/HL7/fhir-extensions/
HL7 FHIR® Implementation Guide: Ophthalmology Retinal	https://build.fhir.org/ig/HL7/fhir-eyecare-ig/
FHIR for FAIR - FHIR Implementation Guide	https://build.fhir.org/ig/HL7/fhir-for-fair/
HL7 Cross Paradigm Implementation Guide: Gender Harmony - Sex and Gender Representation, Edition 1	https://build.fhir.org/ig/HL7/fhir-gender-harmony/
Health Care Surveys Reporting	https://build.fhir.org/ig/HL7/fhir-health-care-surveys-reporting-ig/
ICHOM Patient Centered Outcomes Measure Set for Breast Cancer	https://build.fhir.org/ig/HL7/fhir-ichom-breast-cancer-ig/
HL7 FHIR Implementation Guide: Profiles for Transfusion and Vaccination Adverse Event Detection and Reporting	https://build.fhir.org/ig/HL7/fhir-icsr-ae-reporting/
Interoperable Digital Identity and Patient Matching	https://build.fhir.org/ig/HL7/fhir-identity-matching-ig/
FHIR Human Services Directory	https://build.fhir.org/ig/HL7/FHIR-IG-Human-Services-Directory/
International Patient Access	https://build.fhir.org/ig/HL7/fhir-ipa/
International Patient Summary Implementation Guide	https://build.fhir.org/ig/HL7/fhir-ips/
minimal Common Oncology Data Elements (mCODE) Implementation Guide	https://build.fhir.org/ig/HL7/fhir-mCODE-ig/
Medicolegal Death Investigation (MDI) FHIR Implementation Guide	https://build.fhir.org/ig/HL7/fhir-mdi-ig/

Implementation Guide	Link
US Medication Risk Evaluation and Mitigation Strategies (REMS) FHIR IG	https://build.fhir.org/ig/HL7/fhir-medication-rems-ig/
MedMorph Research Data Exchange Content IG0.1.0 - CI Build	https://build.fhir.org/ig/HL7/fhir-medmorph-research-dex-ig/
Making Electronic Data More available for Research and Public Health (MedMorph)	https://build.fhir.org/ig/HL7/fhir-medmorph/
HL7 FHIR Implementation Guide: Military Service History and Status Release 1 - US Realm STU1	https://build.fhir.org/ig/HL7/fhir-military-service/
Longitudinal Maternal & Infant Health Information for Research	https://build.fhir.org/ig/HL7/fhir-mmm-ig/
NHSN Reporting: Adverse Drug Events - Glycemic Control0.1.0 - CI Build	https://build.fhir.org/ig/HL7/fhir-nhsn-ade-ig/
FHIR to OMOP FHIR IG	https://build.fhir.org/ig/HL7/fhir-omop-ig/
Order Catalog Implementation Guide	https://build.fhir.org/ig/HL7/fhir-order-catalog/
PACIO Advance Healthcare Directive Interoperability Implementation Guide	https://build.fhir.org/ig/HL7/fhir-pacio-adi/
PACIO Cognitive Status Implementation Guide	https://build.fhir.org/ig/HL7/fhir-pacio-cognitive-status/
PACIO Functional Status Implementation Guide1.0.0 - STU 1	https://build.fhir.org/ig/HL7/fhir-pacio-functional-status/
PACIO Personal Functioning and Engagement Implementation Guide	https://build.fhir.org/ig/HL7/fhir-pacio-pfe/
PACIO Re-Assessment Timepoints Implementation Guide	https://build.fhir.org/ig/HL7/fhir-pacio-rt/
Patient Request for Corrections Implementation Guide	https://build.fhir.org/ig/HL7/fhir-patient-correction/
US Prescription Drug Monitoring Program (PDMP)	https://build.fhir.org/ig/HL7/fhir-pdmp/
QI-Core Implementation Guide	https://build.fhir.org/ig/HL7/fhir-qi-core/

Implementation Guide	Link
Radiation Dose Summary for Diagnostic Procedures on FHIR	https://build.fhir.org/ig/HL7/fhir-radiation-dose-summary-ig/
Protocols for Clinical Registry Extraction and Data Submission (CREDS) IG	https://build.fhir.org/ig/HL7/fhir-registry-protocols-ig/
Respiratory Virus Hospitalization Surveillance Network (RESP-NET) Content Implementation Guide	https://build.fhir.org/ig/HL7/fhir-resp-net-ig/
Situational Awareness for Novel Epidemic Response	https://build.fhir.org/ig/HL7/fhir-saner/
SDOH Clinical Care	https://build.fhir.org/ig/HL7/fhir-sdoh-clinicalcare/
FHIR Data Segmentation for Privacy	https://build.fhir.org/ig/HL7/fhir-security-label-ds4p/
SMART Health Cards: Vaccination & Testing Implementation Guide	https://build.fhir.org/ig/HL7/fhir-shc-vaccination-ig/
FHIR Shorthand	https://build.fhir.org/ig/HL7/fhir-shorthand/
Single Institutional Review Board (sIRB) Implementation Guide	https://build.fhir.org/ig/HL7/fhir-sirb/
Specialty Medication Enrollment	https://build.fhir.org/ig/HL7/fhir-specialty-rx/
SPL Mapping FHIR R5 Implementation Guide	https://build.fhir.org/ig/HL7/fhir-spl/
Subscriptions R5 Backport	https://build.fhir.org/ig/HL7/fhir-subscription-backport-ig/
FHIR R4 Symptoms Implementation Guide	https://build.fhir.org/ig/HL7/fhir-symptoms-ig/
PACIO Transitions of Care Implementation Guide	https://build.fhir.org/ig/HL7/fhir-transitions-of-care-ig/
FHIR Terminology Ecosystem IG	https://build.fhir.org/ig/HL7/fhir-tx-ecosystem-ig/
Security for Scalable Registration, Authentication, and Authorization	https://build.fhir.org/ig/HL7/fhir-udap-security-ig/

Implementation Guide	Link
MCC eCare Plan Implementation Guide	https://build.fhir.org/ig/HL7/fhir-us-mcc/
National Directory of Healthcare Providers & Services (NDH) Implementation Guide	https://build.fhir.org/ig/HL7/fhir-us-ndh/
US Public Health Profiles Library	https://build.fhir.org/ig/HL7/fhir-us-ph-library/
Pharmaceutical Quality - Chemistry, Manufacturing and Controls (PQ-CMC) Submissions to FDA	https://build.fhir.org/ig/HL7/FHIR-us-pq-cmc-fda/
Violent Death and Overdose Reporting (VDOR) FHIR Implementation Guide	https://build.fhir.org/ig/HL7/fhir-vdor/
FHIRcast	https://build.fhir.org/ig/HL7/fhircast-docs/
FHIRPath Specification	https://build.fhir.org/ig/HL7/FHIRPath/
Genomics Reporting Implementation Guide	https://build.fhir.org/ig/HL7/genomics-reporting/
NHSN Healthcare Associated Infection (HAI) Reports Long Term Care Facilities	https://build.fhir.org/ig/HL7/HAI-LTCF/
NHSN Healthcare Associated Infection (HAI) Reports	https://build.fhir.org/ig/HL7/HAI/
At-Home In-Vitro Test Report	https://build.fhir.org/ig/HL7/home-lab-report/
IHE SDC/electronic Cancer Protocols (eCPs) on FHIR	https://build.fhir.org/ig/HL7/ihe-sdc-ecc-on-fhir/
FHIR Imaging ServiceRequest Profile IG	https://build.fhir.org/ig/HL7/imaging-service-request-ig/
LOINC – IVD Test Code (LIVD) Mapping	https://build.fhir.org/ig/HL7/livd/
Molecular Definition Implementation Guide for Molecular Data Types	https://build.fhir.org/ig/HL7/molecular-definition-data-types/
National Healthcare Safety Network (NHSN) Digital Quality Measure (dQM) Reporting Implementation Guide	https://build.fhir.org/ig/HL7/nhsn-dqm/

Implementation Guide	Link
PACIO Advance Healthcare Directive Interoperability Implementation Guide	https://build.fhir.org/ig/HL7/pacio-adi/
Person-Centered Outcomes (PCO) Implementation Guide	https://build.fhir.org/ig/HL7/pco-ig/
Potential Drug-Drug Interaction (PDDI) CDS IG	https://build.fhir.org/ig/HL7/PDDI-CDS/
Personal Health Records	https://build.fhir.org/ig/HL7/personal-health-record-format-ig/
Personal Health Device Implementation Guide	https://build.fhir.org/ig/HL7/phd/
Phenomics Exchange for Research and Diagnostics	https://build.fhir.org/ig/HL7/phenomics-exchange-ig/
HL7 Personal Health Record System Functional Model, Release 2	https://build.fhir.org/ig/HL7/phrsfm-ig/
Physical Activity Implementation Guide	https://build.fhir.org/ig/HL7/physical-activity/
HL7 Informative Document: Patient Information Quality Improvement (PIQI) Framework, Edition 1	https://build.fhir.org/ig/HL7/piqi/
HL7 Cross-Paradigm Implementation Guide: Patient Information Quality Improvement (PIQI) Framework, Edition 1	https://build.fhir.org/ig/HL7/piqiimplementation/
CDC DGMH Report of Ill Traveler	https://build.fhir.org/ig/HL7/ReportIllTraveler-ig/
Real Time Location Services Implementation Guide	https://build.fhir.org/ig/HL7/rtls-ig/
Structured Data Capture	https://build.fhir.org/ig/HL7/sdc/
SMART App Launch	https://build.fhir.org/ig/HL7/smart-app-launch/
SMART Health Cards and Links IG	https://build.fhir.org/ig/HL7/smart-health-cards-and-links/
SMART Web Messaging1.0.0 - trial-use	https://build.fhir.org/ig/HL7/smart-web-messaging/

Implementation Guide	Link
Standardized Medication Profile (SMP) FHIR IG	https://build.fhir.org/ig/HL7/smp-ig/
Terminology Change Set Exchange	https://build.fhir.org/ig/HL7/termchangeset-ig/
Terminology Fundamentals	https://build.fhir.org/ig/HL7/terminology-fundamentals-ig/
HL7 Logical Model: Standardized Terminology Knowledgebase, Edition 2	https://build.fhir.org/ig/HL7/tinkar-ig/
US Behavioral Health Profiles Implementation Guide	https://build.fhir.org/ig/HL7/us-behavioral-health-profiles/
US Core Implementation Guide	https://build.fhir.org/ig/HL7/US-Core/
Common CQL Artifacts for FHIR (US-Based)	https://build.fhir.org/ig/HL7/us-cql-ig/
HL7 FHIR Profile: Occupational Data for Health (ODH), Release 1, STU 1.3 (Standard for Trial Use)	https://build.fhir.org/ig/HL7/us-odh/
US Situational Awareness Framework for Reporting (US SAFR) Implementation Guide	https://build.fhir.org/ig/HL7/us-safr/
HL7 Terminology (THO)	https://build.fhir.org/ig/HL7/UTG/
Pharmaceutical Quality (Industry)	https://build.fhir.org/ig/HL7/uv-dx-pq/
HL7 Laboratory Report	https://build.fhir.org/ig/HL7/uv-lab-rep-ig/
Point-of-Care Device Implementation Guide	https://build.fhir.org/ig/HL7/uv-pocd/
HL7 Version 2 to FHIR	https://build.fhir.org/ig/HL7/v2-to-fhir/
HL7 v2+ Specification	https://build.fhir.org/ig/HL7/v2ig/
Validated Healthcare Directory	https://build.fhir.org/ig/HL7/VhDir/
Vital Records Common Library (VRCL) FHIR Implementation Guide	https://build.fhir.org/ig/HL7/vr-common-library/

Implementation Guide	Link
Vital Records Death Reporting (VRDR) FHIR Implementation Guide	https://build.fhir.org/ig/HL7/vrdr/
Retrieval of Real World Data for Clinical Research	https://build.fhir.org/ig/HL7/vulcan-rwd/
Clinical Study Schedule of Activities	https://build.fhir.org/ig/HL7/Vulcan-schedule-ig/
Pharmaceutical Research Protocol (Vulcan UDP)	https://build.fhir.org/ig/HL7/vulcan-udp-ig/