

Testable Interoperability Requirements

The following tables include a set of interoperability requirements that will be tested as part of the pan-Canadian Patient Summary - Interoperability Specification v1 Trial Implementation.

Note: Some of the requirements included in the Requirements for Guidance and Support section may be further developed in future PS-CA Specifications releases and re-categorized as Requirements for Interoperability Testing.

Business Legal: Requirements for Interoperability Testing

The following table contains a subset of the business / legal, information / semantic and technical interoperability requirements that will be tested as part of the pan-Canadian Patient Summary - Interoperability Specification v1 Trial Implementation.

BR ID	Description	Type	Subcategory
BR 1-05	A Patient Summary-CA Solution shall provide the ability for an authorized PS consumer (e.g. authorized health care provider) to ascertain the provenance (PS-CA author, producer, date and subject of care) of a current and historical PS.	Mandatory	Interoperability
BR 1-11	A Patient Summary-CA Solution shall limit the sharing of health information to what is clinically necessary and sufficient, in accordance with governing legislation and the Patient Summary-CA specification. Note: For example, the clinician will have the ability to create the PS-CA with a subset of the data domains defined within the PS-CA Interoperability Specifications.	Mandatory	Interoperability
BR 1-13	A Patient Summary-CA Solution shall provide the Patient/Subject of Care a right of access to their Patient Summary based on jurisdictional policies and legislative provisions.	Mandatory	Interoperability
BR 1-14	A Patient Summary-CA Solution shall limit access to only authorized PS-CA Producers and PS-CA Consumers.	Mandatory	Interoperability

Information and Semantic: Requirements for Interoperability Testing

The following table contains a subset of the information / semantic interoperability requirements that will be tested as part of the pan-Canadian Patient Summary - Interoperability Specification v1 Trial Implementation.

BR ID	Description	Type	Subcategory
BR 2-01	A Patient Summary- CA Solution shall enable an authorized health care provider to create/produce a Patient Summary based on the pan-Canadian Patient Summary - FHIR Implementation Guide.	Mandatory	Interoperability
BR 2-02	A Patient Summary-CA Solution shall adhere to the syntactic, semantic/terminology and content standards for interoperability established in the pan-Canadian Patient Summary - FHIR Implementation Guide.	Mandatory	Interoperability

Technical: Requirements for Interoperability Testing

The following table contains a subset of the technical interoperability requirements that will be tested as part of the pan-Canadian Patient Summary - Interoperability Specification v1 Trial Implementation.

BR ID	Description	Type	Subcategory
BR 3-01	A Patient Summary-CA Solution shall provide the ability to capture and communicate the identity of the PS subject of care.	Mandatory	Interoperability

BR 3- 02	A Patient Summary-CA Solution shall provide the ability to capture and communicate the identity of the authorized PS-CA Author.	Man datory	Interoperabili ty
BR 3- 04	A Patient Summary-CA Solution shall provide the ability to view the versions of Patient Summaries and render a previous version based on a request in accordance to jurisdictional policies.	Man datory	Interoperabili ty
BR 3- 05	A Patient Summary-CA Solution may be able to produce a PS-CA in a portable format (e.g., PDF) that is broadly accessible to patients/subjects of care.	Opti onal	Interoperabili ty
BR 3- 08	A Patient Summary-CA Solution shall protect health information in transit, adhering to jurisdictional standards for encryption. Note: For example, jurisdictional standards for encryption should cover concepts of cryptographic algorithms and protocols, management of encryption keys during the transmission of PHI to maintain the confidentiality and integrity of the Patient Summary.	Man datory	Interoperabili ty
BR 3- 13	A Patient Summary-CA Solution shall provide the ability to uniquely identify a Patient Summary-CA with a unique identifier.	Man datory	Interoperabili ty
BR 3- 16	A Patient Summary-CA Solution shall create the PS-CA in a structured format using FHIR R4 (v4.0.1) + JSON and XML.	Man datory	Interoperabili ty