# IL Core Server CapabilityStatement

This section describes the capabilities expected to be supported by a Server conformant to IL Core. Note that this is the general CapabilityStatement that applies to all server actors - other, more specific CapabilityStatements derived from this one may apply to a server actor and may include more specific requirements.

## The IL Core Server **SHALL**:

* + Implement the RESTful behavior according to the FHIR specification.
  + Support the JSON format for all interactions.

## **SHALL** Support the Following Implementation Guides:

* + [SMART App Launch Framework 2.1.0 Implementation Guide](https://hl7.org/fhir/smart-app-launch)
  + [Israel Core Implementation Guide](http://fhir.health.gov.il/ImplementationGuide/il.core.fhir.r4)

## **SHALL** Support the Following Compartments:

* + [Base FHIR compartment definition for Patient](http://hl7.org/fhir/R4/compartmentdefinition-patient.html) - All references that constitute the inclusion criteria to the Patient compartment **SHALL** be literal references and **SHALL** be resolvable.

## **SHALL** Support the Following Functional Lists:

Servers **SHALL** make a resource representation of the functional list available through the Restful API using the List $find operation and **SHOULD** support searching for resources referenced by functional lists using the \_list search parameter.

* **$current-problems** - The "Current Problem List" - A list of current and active diagnoses as well as past diagnoses relevant to the current care of the patient
* **$current-medications** - A list of all medications that the patient is taking. The "current medications list" sometimes may include a mix of prescribed and over-the-counter medications - or only some of them. The list may contain a mix of prescriptions and more general statements, or only one of the two. The list may also correspond to a formal reconciled medication administration schedule, but more often does not.
* **$current-allergies** - A list of known or suspected propensities to medications, foods, or environmental agents that is provided to help prevent reactions while care is occurring.
* **$current-drug-allergies** - A list of known or suspected propensities to medications that is provided to help prevent reactions while care is occurring. This list is a subset of the full allergies list.

### See:

* + [Current Resource Lists](https://www.hl7.org/fhir/R4/lifecycle.html#current)
  + [Operation $find on List](https://www.hl7.org/fhir/R4/list-operation-find.html)
  + [Searching by list](https://www.hl7.org/fhir/R4/search.html#list)

## Server Level Interactions

### **SHALL** Support:

* + - transaction

### **SHOULD** Support:

* + - batch

## Resource Level Requirements

### **SHALL** Support these Resource Types:

* + - Patient
    - List

### **SHALL** Support these Interactions for All Supported Resource Types:

* + - read
    - search-type

### **SHALL** Support these Search Parameters for All Supported Resource Types:

#### \_sort

* + - * **Type**: string
      * **Description**: Enables the client to indicate in which order to return the results
      * **Comment**: Servers **SHALL** support sorting by all ordered search parameters (types number, date, and quantity) that they are required to support - either by this CapabilityStatement or by any other applicable regulation. Servers **SHOULD** also support sorting by all other ordered search parameters they support, and MAY also support sorting by search parameters of non-ordered types such as string, token and uri
      * **See**: [Sorting](https://www.hl7.org/fhir/R4/search.html#_sort)

#### \_count

* + - * **Type**: number
      * **Description**: The number of resources returned per page
      * **See**: [Page Count](https://www.hl7.org/fhir/R4/search.html#count)

#### \_has

* + - * **Type**: string
      * **Description**: Enables querying a reverse chain
      * **Comment**: See "Chaining and Reverse Chaining"
      * **See**: [Reverse Chaining](https://www.hl7.org/fhir/R4/search.html#has)

#### \_security

* + - * **Type**: token
      * **Description**: Security Labels applied to this resource

#### \_id

* + - * **Type**: token
      * **Description**: Logical id of this artifact

#### \_lastUpdated

* + - * **Type**: date
      * **Description**: When the resource version last changed

#### \_filter

* + - * **Type**: string
      * **Description**: Allows expressing a set of query expressions using a defined syntax
      * **See**: [\_filter Parameter](https://hl7.org/fhir/R4/search_filter.html)

### Chaining and Reverse Chaining

For all search parameters a server is required to support (by this CapabilityStatement or by any other applicable regulation), it **SHALL** also support both chaining and reverse chaining (\_has) between parameters of type reference and parameters of the target resource. Servers **SHOULD** also support chaining/reverse-chaining on all other relevant search parameters.

#### See:

* + - [Chained parameters](https://www.hl7.org/fhir/R4/search.html#chaining)
    - [Reverse Chaining](https://www.hl7.org/fhir/R4/search.html#has)

### RESTful Capabilities by Resource/Profile

This section defines the minimal required capabilities that a server must expose for each specific resource type, if it claims to support it. This CapabilityStatement does not define which resource types a server is required to implement (except for Patient and List mentioned above) - this may be defined by other applicable rules and regulations and will differ between servers.

#### Patient

* + - **Profile**: [ILCorePatient](http://fhir.health.gov.il/StructureDefinition/il-core-patient)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Operations (**SHALL**):

* + - * [Operation $everything on Patient](https://hl7.org/fhir/r4/operation-patient-everything.html)

##### Search Parameters (**SHALL**):

* + - * [hmo](http://fhir.health.gov.il/SearchParameter/patient-hmo)
      * [link](http://hl7.org/fhir/SearchParameter/Patient-link)
      * [birthdate](http://hl7.org/fhir/SearchParameter/individual-birthdate)
      * [identifier](http://hl7.org/fhir/SearchParameter/Patient-identifier)
      * [name](http://hl7.org/fhir/SearchParameter/Patient-name)
      * [gender](http://hl7.org/fhir/SearchParameter/individual-gender)

#### Account

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Account-subject)
      * [identifier](http://hl7.org/fhir/SearchParameter/Account-identifier)

#### AdverseEvent

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/AdverseEvent-subject)

#### AllergyIntolerance

* + - **Profile**: [ILCoreAllergyIntolerance](http://fhir.health.gov.il/StructureDefinition/il-core-allergy-intolerance)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [recorder](http://hl7.org/fhir/SearchParameter/AllergyIntolerance-recorder)
      * [asserter](http://hl7.org/fhir/SearchParameter/AllergyIntolerance-asserter)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

##### Search Parameters (**SHOULD**):

* + - * [\_list](https://www.hl7.org/fhir/R4/search.html#list)

#### Appointment

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [actor](http://hl7.org/fhir/SearchParameter/Appointment-actor)
      * [date](http://hl7.org/fhir/SearchParameter/Appointment-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Appointment-identifier)

#### AppointmentResponse

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [actor](http://hl7.org/fhir/SearchParameter/AppointmentResponse-actor)
      * [identifier](http://hl7.org/fhir/SearchParameter/AppointmentResponse-identifier)

#### AuditEvent

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/AuditEvent-patient)

#### Basic

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/Basic-patient)
      * [author](http://hl7.org/fhir/SearchParameter/Basic-author)
      * [identifier](http://hl7.org/fhir/SearchParameter/Basic-identifier)

#### BodyStructure

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/BodyStructure-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/BodyStructure-identifier)

#### CarePlan

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [performer](http://hl7.org/fhir/SearchParameter/CarePlan-performer)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [category](http://hl7.org/fhir/SearchParameter/CarePlan-category)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### CareTeam

* + - **Profile**: [ILCoreCareTeam](http://fhir.health.gov.il/StructureDefinition/il-core-care-team)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [participant](http://hl7.org/fhir/SearchParameter/CareTeam-participant)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [status](http://hl7.org/fhir/SearchParameter/CareTeam-status)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### ChargeItem

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/ChargeItem-subject)
      * [identifier](http://hl7.org/fhir/SearchParameter/ChargeItem-identifier)

#### Claim

* + - **Profile**: [ILCoreClaim](http://fhir.health.gov.il/StructureDefinition/il-core-claim)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/Claim-patient)
      * [payee](http://hl7.org/fhir/SearchParameter/Claim-payee)
      * [created](http://hl7.org/fhir/SearchParameter/Claim-created)
      * [identifier](http://hl7.org/fhir/SearchParameter/Claim-identifier)

#### ClaimResponse

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/ClaimResponse-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/ClaimResponse-identifier)

#### ClinicalImpression

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/ClinicalImpression-subject)
      * [identifier](http://hl7.org/fhir/SearchParameter/ClinicalImpression-identifier)

#### Communication

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Communication-subject)
      * [sender](http://hl7.org/fhir/SearchParameter/Communication-sender)
      * [recipient](http://hl7.org/fhir/SearchParameter/Communication-recipient)
      * [identifier](http://hl7.org/fhir/SearchParameter/Communication-identifier)

#### CommunicationRequest

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/CommunicationRequest-subject)
      * [sender](http://hl7.org/fhir/SearchParameter/CommunicationRequest-sender)
      * [recipient](http://hl7.org/fhir/SearchParameter/CommunicationRequest-recipient)
      * [requester](http://hl7.org/fhir/SearchParameter/CommunicationRequest-requester)
      * [authored](http://hl7.org/fhir/SearchParameter/CommunicationRequest-authored)
      * [identifier](http://hl7.org/fhir/SearchParameter/CommunicationRequest-identifier)

#### Composition

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Composition-subject)
      * [author](http://hl7.org/fhir/SearchParameter/Composition-author)
      * [attester](http://hl7.org/fhir/SearchParameter/Composition-attester)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Condition

* + - **Profile**: [ILCoreCondition](http://fhir.health.gov.il/StructureDefinition/il-core-condition)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [asserter](http://hl7.org/fhir/SearchParameter/Condition-asserter)
      * [recorded-date](http://hl7.org/fhir/SearchParameter/Condition-recorded-date)
      * [category](http://hl7.org/fhir/SearchParameter/Condition-category)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

##### Search Parameters (**SHOULD**):

* + - * [\_list](https://www.hl7.org/fhir/R4/search.html#list)

#### Consent

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Coverage

* + - **Profile**: [ILCoreCoverage](http://fhir.health.gov.il/StructureDefinition/il-core-coverage)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [policy-holder](http://hl7.org/fhir/SearchParameter/Coverage-policy-holder)
      * [subscriber](http://hl7.org/fhir/SearchParameter/Coverage-subscriber)
      * [beneficiary](http://hl7.org/fhir/SearchParameter/Coverage-beneficiary)
      * [payor](http://hl7.org/fhir/SearchParameter/Coverage-payor)
      * [patient](http://hl7.org/fhir/SearchParameter/Coverage-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/Coverage-identifier)

#### CoverageEligibilityRequest

* + - **Profile**: [ILCoreCoverageEligibilityRequest](http://fhir.health.gov.il/StructureDefinition/il-core-coverage-eligibility-request)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/CoverageEligibilityRequest-patient)
      * [created](http://hl7.org/fhir/SearchParameter/CoverageEligibilityRequest-created)
      * [identifier](http://hl7.org/fhir/SearchParameter/CoverageEligibilityRequest-identifier)

#### CoverageEligibilityResponse

* + - **Profile**: [ILCoreCoverageEligibilityResponse](http://fhir.health.gov.il/StructureDefinition/il-core-coverage-eligibility-response)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/CoverageEligibilityResponse-patient)
      * [created](http://hl7.org/fhir/SearchParameter/CoverageEligibilityResponse-created)
      * [identifier](http://hl7.org/fhir/SearchParameter/CoverageEligibilityResponse-identifier)

#### DetectedIssue

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### DeviceRequest

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/DeviceRequest-subject)
      * [performer](http://hl7.org/fhir/SearchParameter/DeviceRequest-performer)
      * [authored-on](http://hl7.org/fhir/SearchParameter/DeviceRequest-authored-on)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### DeviceUseStatement

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/DeviceUseStatement-subject)
      * [identifier](http://hl7.org/fhir/SearchParameter/DeviceUseStatement-identifier)

#### DiagnosticReport

* + - **Profile**: [ILCoreDiagnosticReport](http://fhir.health.gov.il/StructureDefinition/il-core-diagnostic-report)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/DiagnosticReport-subject)
      * [issued](http://hl7.org/fhir/SearchParameter/DiagnosticReport-issued)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [category](http://hl7.org/fhir/SearchParameter/DiagnosticReport-category)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [code](http://hl7.org/fhir/SearchParameter/clinical-code)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### DocumentManifest

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/DocumentManifest-subject)
      * [author](http://hl7.org/fhir/SearchParameter/DocumentManifest-author)
      * [recipient](http://hl7.org/fhir/SearchParameter/DocumentManifest-recipient)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### DocumentReference

* + - **Profile**: [ILCoreDocumentReference](http://fhir.health.gov.il/StructureDefinition/il-core-document-reference)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/DocumentReference-subject)
      * [author](http://hl7.org/fhir/SearchParameter/DocumentReference-author)
      * [date](http://hl7.org/fhir/SearchParameter/DocumentReference-date)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [type](http://hl7.org/fhir/SearchParameter/clinical-type)
      * [category](http://hl7.org/fhir/SearchParameter/DocumentReference-category)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Encounter

* + - **Profile**: [ILCoreEncounter](http://fhir.health.gov.il/StructureDefinition/il-core-encounter)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### EnrollmentRequest

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/EnrollmentRequest-subject)
      * [identifier](http://hl7.org/fhir/SearchParameter/EnrollmentRequest-identifier)

#### EpisodeOfCare

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### ExplanationOfBenefit

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/ExplanationOfBenefit-patient)
      * [payee](http://hl7.org/fhir/SearchParameter/ExplanationOfBenefit-payee)
      * [identifier](http://hl7.org/fhir/SearchParameter/ExplanationOfBenefit-identifier)

#### FamilyMemberHistory

* + - **Profile**: [ILCoreFamilyMemberHistory](http://fhir.health.gov.il/StructureDefinition/il-core-family-member-history)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Flag

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Flag-identifier)

#### Goal

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [start-date](http://hl7.org/fhir/SearchParameter/Goal-start-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Group

* + - **Profile**: [ILCoreGroup](http://fhir.health.gov.il/StructureDefinition/il-core-group)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [member](http://hl7.org/fhir/SearchParameter/Group-member)
      * [identifier](http://hl7.org/fhir/SearchParameter/Group-identifier)

#### ImagingStudy

* + - **Profile**: [ILCoreImagingStudy](http://fhir.health.gov.il/StructureDefinition/il-core-imaging-study)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [started](http://hl7.org/fhir/SearchParameter/ImagingStudy-started)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Immunization

* + - **Profile**: [ILCoreImmunization](http://fhir.health.gov.il/StructureDefinition/il-core-immunization)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### ImmunizationEvaluation

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/ImmunizationEvaluation-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/ImmunizationEvaluation-identifier)

#### ImmunizationRecommendation

* + - **Profile**: [ILCoreImmunizationRecommendation](http://fhir.health.gov.il/StructureDefinition/il-core-immunization-recommendation)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/ImmunizationRecommendation-patient)
      * [date](http://hl7.org/fhir/SearchParameter/ImmunizationRecommendation-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/ImmunizationRecommendation-identifier)

#### Invoice

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Invoice-subject)
      * [patient](http://hl7.org/fhir/SearchParameter/Invoice-patient)
      * [recipient](http://hl7.org/fhir/SearchParameter/Invoice-recipient)
      * [identifier](http://hl7.org/fhir/SearchParameter/Invoice-identifier)

#### List

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Operations (**SHALL**):

* + - * [Operation $find on List](https://www.hl7.org/fhir/R4/list-operation-find.html)

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/List-subject)
      * [source](http://hl7.org/fhir/SearchParameter/List-source)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)
      * [item](http://hl7.org/fhir/SearchParameter/List-item)

#### MeasureReport

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/MeasureReport-patient)
      * [date](http://hl7.org/fhir/SearchParameter/MeasureReport-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/MeasureReport-identifier)

#### Media

* + - **Profile**: [ILCoreMedia](http://fhir.health.gov.il/StructureDefinition/il-core-media)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Media-subject)
      * [created](http://hl7.org/fhir/SearchParameter/Media-created)
      * [identifier](http://hl7.org/fhir/SearchParameter/Media-identifier)

#### MedicationAdministration

* + - **Profile**: [ILCoreMedicationAdministration](http://fhir.health.gov.il/StructureDefinition/il-core-medication-administration)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [performer](http://hl7.org/fhir/SearchParameter/MedicationAdministration-performer)
      * [subject](http://hl7.org/fhir/SearchParameter/MedicationAdministration-subject)
      * [effective-time](http://hl7.org/fhir/SearchParameter/MedicationAdministration-effective-time)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### MedicationDispense

* + - **Profile**: [ILCoreMedicationDispense](http://fhir.health.gov.il/StructureDefinition/il-core-medication-dispense)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/MedicationDispense-subject)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [receiver](http://hl7.org/fhir/SearchParameter/MedicationDispense-receiver)
      * [whenhandedover](http://hl7.org/fhir/SearchParameter/MedicationDispense-whenhandedover)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### MedicationRequest

* + - **Profile**: [ILCoreMedicationRequest](http://fhir.health.gov.il/StructureDefinition/il-core-medication-request)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/MedicationRequest-subject)
      * [authoredon](http://hl7.org/fhir/SearchParameter/MedicationRequest-authoredon)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [intent](http://hl7.org/fhir/SearchParameter/MedicationRequest-intent)
      * [status](http://hl7.org/fhir/SearchParameter/medications-status)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

##### Search Parameters (**SHOULD**):

* + - * [\_list](https://www.hl7.org/fhir/R4/search.html#list)

#### MedicationStatement

* + - **Profile**: [ILCoreMedicationStatement](http://fhir.health.gov.il/StructureDefinition/il-core-medication-statement)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/MedicationStatement-subject)
      * [effective](http://hl7.org/fhir/SearchParameter/MedicationStatement-effective)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

##### Search Parameters (**SHOULD**):

* + - * [\_list](https://www.hl7.org/fhir/R4/search.html#list)

#### MolecularSequence

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/MolecularSequence-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/MolecularSequence-identifier)

#### NutritionOrder

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [datetime](http://hl7.org/fhir/SearchParameter/NutritionOrder-datetime)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Observation

* + - **Profile**: [ILCoreObservation](http://fhir.health.gov.il/StructureDefinition/il-core-observation)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Observation-subject)
      * [performer](http://hl7.org/fhir/SearchParameter/Observation-performer)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [category](http://hl7.org/fhir/SearchParameter/Observation-category)
      * [code](http://hl7.org/fhir/SearchParameter/clinical-code)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Person

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/Person-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/Person-identifier)

#### Procedure

* + - **Profile**: [ILCoreProcedure](http://fhir.health.gov.il/StructureDefinition/il-core-procedure)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [performer](http://hl7.org/fhir/SearchParameter/Procedure-performer)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Provenance

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/Provenance-patient)

#### QuestionnaireResponse

* + - **Profile**: [ILCoreQuestionnaireResponse](http://fhir.health.gov.il/StructureDefinition/il-core-questionnaire-response)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/QuestionnaireResponse-subject)
      * [author](http://hl7.org/fhir/SearchParameter/QuestionnaireResponse-author)
      * [authored](http://hl7.org/fhir/SearchParameter/QuestionnaireResponse-authored)
      * [patient](http://hl7.org/fhir/SearchParameter/QuestionnaireResponse-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/QuestionnaireResponse-identifier)

#### RelatedPerson

* + - **Profile**: [ILCoreRelatedPerson](http://fhir.health.gov.il/StructureDefinition/il-core-related-person)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/RelatedPerson-patient)
      * [birthdate](http://hl7.org/fhir/SearchParameter/individual-birthdate)
      * [identifier](http://hl7.org/fhir/SearchParameter/RelatedPerson-identifier)

#### RequestGroup

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/RequestGroup-subject)
      * [participant](http://hl7.org/fhir/SearchParameter/RequestGroup-participant)
      * [identifier](http://hl7.org/fhir/SearchParameter/RequestGroup-identifier)

#### ResearchSubject

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [individual](http://hl7.org/fhir/SearchParameter/ResearchSubject-individual)
      * [date](http://hl7.org/fhir/SearchParameter/ResearchSubject-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/ResearchSubject-identifier)

#### RiskAssessment

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/RiskAssessment-subject)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Schedule

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [actor](http://hl7.org/fhir/SearchParameter/Schedule-actor)
      * [date](http://hl7.org/fhir/SearchParameter/Schedule-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Schedule-identifier)

#### ServiceRequest

* + - **Profile**: [ILCoreServiceRequest](http://fhir.health.gov.il/StructureDefinition/il-core-service-request)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/ServiceRequest-subject)
      * [performer](http://hl7.org/fhir/SearchParameter/ServiceRequest-performer)
      * [authored](http://hl7.org/fhir/SearchParameter/ServiceRequest-authored)
      * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [category](http://hl7.org/fhir/SearchParameter/ServiceRequest-category)
      * [code](http://hl7.org/fhir/SearchParameter/clinical-code)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Specimen

* + - **Profile**: [ILCoreSpecimen](http://fhir.health.gov.il/StructureDefinition/il-core-specimen)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/Specimen-subject)
      * [collected](http://hl7.org/fhir/SearchParameter/Specimen-collected)
      * [identifier](http://hl7.org/fhir/SearchParameter/Specimen-identifier)

#### SupplyDelivery

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### SupplyRequest

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [subject](http://hl7.org/fhir/SearchParameter/SupplyRequest-subject)
      * [date](http://hl7.org/fhir/SearchParameter/clinical-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### VisionPrescription

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/clinical-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/clinical-identifier)

#### Measure

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [date](http://hl7.org/fhir/SearchParameter/Measure-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Measure-identifier)

#### Medication

* + - **Profile**: [ILCoreMedication](http://fhir.health.gov.il/StructureDefinition/il-core-medication)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [expiration-date](http://hl7.org/fhir/SearchParameter/Medication-expiration-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Medication-identifier)

#### PlanDefinition

* + - **Profile**: [ILCorePlanDefinition](http://fhir.health.gov.il/StructureDefinition/il-core-plan-definition)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [date](http://hl7.org/fhir/SearchParameter/PlanDefinition-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/PlanDefinition-identifier)

#### PractitionerRole

* + - **Profile**: [ILCorePractitionerRole](http://fhir.health.gov.il/StructureDefinition/il-core-practitioner-role)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [date](http://hl7.org/fhir/SearchParameter/PractitionerRole-date)
      * [specialty](http://hl7.org/fhir/SearchParameter/PractitionerRole-specialty)
      * [practitioner](http://hl7.org/fhir/SearchParameter/PractitionerRole-practitioner)
      * [identifier](http://hl7.org/fhir/SearchParameter/PractitionerRole-identifier)

#### Questionnaire

* + - **Profile**: [ILCoreQuestionnaire](http://fhir.health.gov.il/StructureDefinition/il-core-questionnaire)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [date](http://hl7.org/fhir/SearchParameter/Questionnaire-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/Questionnaire-identifier)

#### ResearchStudy

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [date](http://hl7.org/fhir/SearchParameter/ResearchStudy-date)
      * [identifier](http://hl7.org/fhir/SearchParameter/ResearchStudy-identifier)

#### Slot

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [start](http://hl7.org/fhir/SearchParameter/Slot-start)
      * [identifier](http://hl7.org/fhir/SearchParameter/Slot-identifier)

#### Substance

* + - **Profile**: [ILCoreSubstance](http://fhir.health.gov.il/StructureDefinition/il-core-service-substance)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [expiry](http://hl7.org/fhir/SearchParameter/Substance-expiry)
      * [identifier](http://hl7.org/fhir/SearchParameter/Substance-identifier)

#### Task

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [authored-on](http://hl7.org/fhir/SearchParameter/Task-authored-on)
      * [identifier](http://hl7.org/fhir/SearchParameter/Task-identifier)

#### Device

* + - **Profile**: [ILCoreDevice](http://fhir.health.gov.il/StructureDefinition/il-core-device)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [patient](http://hl7.org/fhir/SearchParameter/Device-patient)
      * [identifier](http://hl7.org/fhir/SearchParameter/Device-identifier)

#### Location

* + - **Profile**: [ILCoreLocation](http://fhir.health.gov.il/StructureDefinition/il-core-location)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [name](http://hl7.org/fhir/SearchParameter/Location-name)
      * [address](http://hl7.org/fhir/SearchParameter/Location-address)
      * [identifier](http://hl7.org/fhir/SearchParameter/Location-identifier)

#### Organization

* + - **Profile**: [ILCoreOrganization](http://fhir.health.gov.il/StructureDefinition/il-core-organization)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [name](http://hl7.org/fhir/SearchParameter/Organization-name)
      * [address](http://hl7.org/fhir/SearchParameter/Organization-address)
      * [identifier](http://hl7.org/fhir/SearchParameter/Organization-identifier)

#### Practitioner

* + - **Profile**: [ILCorePractitioner](http://fhir.health.gov.il/StructureDefinition/il-core-practitioner)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [name](http://hl7.org/fhir/SearchParameter/Practitioner-name)
      * [identifier](http://hl7.org/fhir/SearchParameter/Practitioner-identifier)

#### DeviceDefinition

* + - **Profile**: [ILCoreDeviceDefinition](http://fhir.health.gov.il/StructureDefinition/il-core-device-definition)

##### Interactions (**SHALL**):

* + - * read
      * search-type

##### Search Parameters (**SHALL**):

* + - * [identifier](http://hl7.org/fhir/SearchParameter/DeviceDefinition-identifier)