

[< Home](#)

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HL7 FHIR eReferral Workstream



Messages

Campfire

To-dos

Docs & Files

Check-ins

Schedule

Forwards

Added by Inderpal Singh • Updated Jul 23, 2019 at 10:59 AM

Observation Resource - DRAFT

Overview

The Observation resource supports the exchange of clinical information within the referral process.

Links

[Resource: Observation](#)

Relevant chat.fhir.org Threads

Usage

The Observation resource can be included in scenarios where clinical information is requested.

Profile

• Observation

- **Identifier [0..*]** - unique business identifier
- **basedOn [0..*]** - Reference(CarePlan | DeviceRequest | ImmunizationRecommendation | MedicationRequest | NutritionOrder| ServiceRequest)
- **partOf [0..*]** - part of a referenced event - Reference(MedicationAdministration| MedicationDispense | MedicationStatement | Procedure | Immunization | ImagingStudy)
- **status [1..1]** - registered | preliminary | final | amended + ObservationStatus (Required)
- **category [0..*]** - Classification of type of observation
- **code - [1..1]** - Type of observation (code / type)
 - system
 - code
 - display
- **subject - [0..1]** - who or what the observation is about (Reference(Patient | Group | Device| Location)
- **focus (tu) - [0..*]**

- **encounter** - [0..1]
- **effective** - [0..1] - Clinically relevant time/time-period for observation
 - effectiveDateTime
 - effectivePeriod
 - effectiveTiming
 - effectiveInstant
- **issued** - [0..1] - Date/Time this version was made available
- **performer** - [0..*] - Who is responsible for the observation - Reference(Practitioner | PractitionerRole | Organization | CareTeam | Patient |
- **value** - [0..1] - the actual result
 - valueQuantity
 - valueCodeableConcept
 - valueString
 - valueBoolean
 - valueInteger
 - valueRange
 - valueRatio
 - valueSampledData
 - valueTime
 - valueDateTime
 - valuePeriod
- **dataAbsentReason** - [0..1] - Why the result is missing - DataAbsentReason (Extensible)
- **Interpretation** - [0..*] - High, low, normal, etc. - Observation Interpretation Codes (Extensible)
- **note** - [0..*] - Comments about the observation
- **bodySite** - [0..1] - Observed body part SNOMED CT Body Structures
- **method** - [0..1] - How it was done - Observation Methods
- **specimen** - [0..1] - Specimen used for this observation
- **device** - [0..1] - (Measurement) Device
- **referenceRange** - [0..*] - Provides guide for interpretation

+ Rule: Must have at least a low or a high or text

- **low** - [0..1] - low range, if relevant
- **high** - [0..1] - high range, if relevant
- **type** - [0..1] - Reference range qualifier
- **appliesTo** - [0..*] - Reference range population
- **age** - [0..1] - Applicable age range, if relevant

- **text** - [0..1] - Text based reference range in an observation
 - **hasMember** - [0..*] - Related resource that belongs to the Observation group
 - **derivedFrom** - [0..*] - Related measurements the observation is made from
 - **component** - [0..*] - Component Results
 - **Code** - [1..1] - Type of component observation (code / type)
 - **value** - [0..1] - Actual component result
 - valueQuantity
 - valueCodeableConcept
 - valueString
 - valueBoolean
 - valueInteger
 - valueRange
 - valueRatio
 - valueSampledData
 - valueTime
 - valueDateTime
 - valuePeriod
 - **dateAbsentReason** - [0..1] - Why the component result is missing
 - **Interpretation** - [0..*] - High, low, normal, etc.
 - **referenceRange** - [0..*] - Provides guide for interpretation of component result
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