## 4.14.6 Resource ImmunizationRecommendation - Formal Definitions

Formal definitions for the elements in the immunizationrecommendation resource.

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| --- | --- |
| **ImmunizationRecommendation** | |
| Definition | A patient's point-of-time immunization status and recommendation with optional supporting justification. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| **ImmunizationRecommendation.identifier** | |
| Definition | A unique identifier assigned to this particular recommendation record. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..\* |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [Identifier](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "Identifier) |
| **ImmunizationRecommendation.subject** | |
| Definition | The patient who is the subject of the profile. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [Resource](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\references.html" \l "Resource)([Patient](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\patient.html" \l "Patient)) |
| **ImmunizationRecommendation.recommendation** | |
| Definition | Vaccine administration recommendations. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..\* |
| **ImmunizationRecommendation.recommendation.date** | |
| Definition | The date the immunization recommendation was created. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [dateTime](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "dateTime) |
| **ImmunizationRecommendation.recommendation.vaccineType** | |
| Definition | Vaccine that pertains to the recommendation. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Binding](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\terminologies.html) | VaccineType : The type of vaccine administered ([Value Set Definition](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\v3\\vs\\VaccineType\\index.html)) |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [CodeableConcept](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "CodeableConcept) |
| **ImmunizationRecommendation.recommendation.doseNumber** | |
| Definition | This indicates the next recommended dose number (e.g. dose 2 is the next recommended dose). |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [integer](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "integer) |
| Comments | May need other dose concepts such as administered vs. valid. |
| **ImmunizationRecommendation.recommendation.forecastStatus** | |
| Definition | Vaccine administration status. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Binding](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\terminologies.html) | ImmunizationRecommendationStatus : ([Value Set Definition](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\valueset-immunization-recommendation-status.html)) |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [CodeableConcept](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "CodeableConcept) |
| **ImmunizationRecommendation.recommendation.dateCriterion** | |
| Definition | Vaccine date recommendations - e.g. earliest date to administer, latest date to administer, etc. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..\* |
| **ImmunizationRecommendation.recommendation.dateCriterion.code** | |
| Definition | Date classification of recommendation - e.g. earliest date to give, latest date to give, etc. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Binding](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\terminologies.html) | ImmunizationRecommendationDateCriterion : ([Value Set Definition](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\valueset-immunization-recommendation-date-criterion.html)) |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [CodeableConcept](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "CodeableConcept) |
| **ImmunizationRecommendation.recommendation.dateCriterion.value** | |
| Definition | Date recommendation. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 1..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [dateTime](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "dateTime) |
| **ImmunizationRecommendation.recommendation.protocol** | |
| Definition | Contains information about the protocol under which the vaccine was administered. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| **ImmunizationRecommendation.recommendation.protocol.doseSequence** | |
| Definition | Indicates the nominal position in a series of the next dose. This is the recommended dose number as per a specified protocol. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [integer](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "integer) |
| **ImmunizationRecommendation.recommendation.protocol.description** | |
| Definition | Contains the description about the protocol under which the vaccine was administered. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [string](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "string) |
| **ImmunizationRecommendation.recommendation.protocol.authority** | |
| Definition | Indicates the authority who published the protocol? E.g. ACIP. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [Resource](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\references.html" \l "Resource)([Organization](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\organization.html" \l "Organization)) |
| **ImmunizationRecommendation.recommendation.protocol.series** | |
| Definition | One possible path to achieve presumed immunity against a disease - within the context of an authority. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..1 |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [string](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html" \l "string) |
| **ImmunizationRecommendation.recommendation.supportingImmunization** | |
| Definition | Immunization event history that supports the status and recommendation. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..\* |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [Resource](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\references.html" \l "Resource)([Immunization](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\immunization.html" \l "Immunization)) |
| **ImmunizationRecommendation.recommendation.supportingPatientInformation** | |
| Definition | Patient Information that supports the status and recommendation. This includes patient observations, adverse reactions and allergy/intolerance information. |
| [Control](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\conformance-rules.html" \l "conformance) | 0..\* |
| [Type](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\datatypes.html) | [Resource](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\references.html" \l "Resource)([Observation](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\observation.html" \l "Observation)|[AdverseReaction](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\adversereaction.html" \l "AdverseReaction)|[AllergyIntolerance](C:\\Users\\sirLoin1\\SkyDrive Pro\\HL7_working_docs\\allergyintolerance.html" \l "AllergyIntolerance)) |