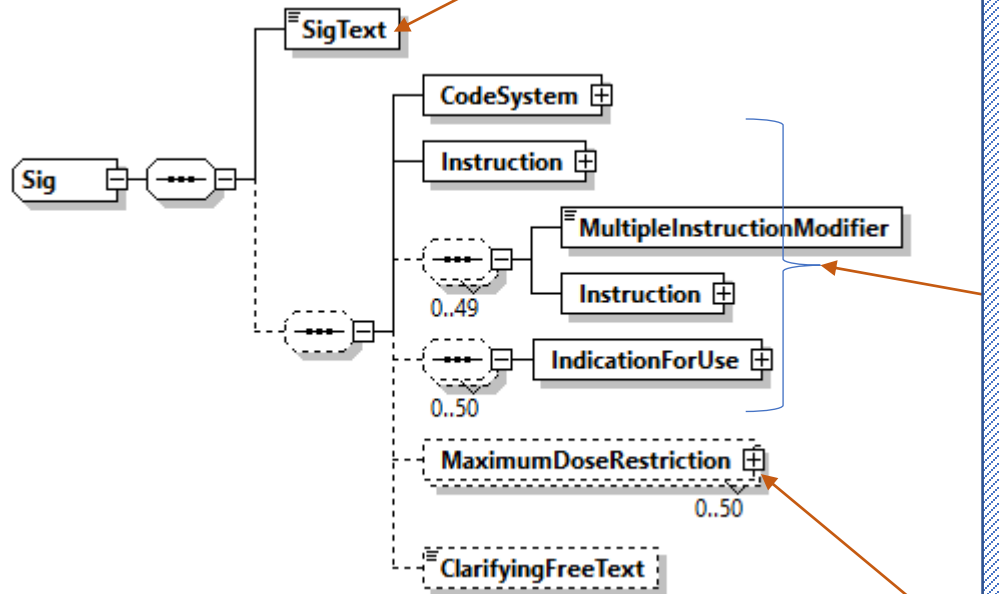


Rough SCRIPT – FHIR mapping for Instructions/Sig discussion

NCPDP SCRIPT 2017011



HL7 FHIR R5

Name	Flags	Card.	Type	Description & Constraints
MedicationRequest	TU		DomainResource	Ordering of medication for patient or group
renderedDosageInstruction		0..1	markdown	Full representation of the dosage instruction
effectiveDosePeriod		0..1	Period	Period over which the medication is to be taken
dosageInstruction		0..*	Dosage	Specific instructions for how the medication should be taken

Name	Flags	Card.	Type	Description & Constraints
Dosage	Σ TU		Element	How the medication is/was taken or should be taken + Rule: AsNeededFor can only be set if AsNeeded is set
sequence	Σ	0..1	integer	Elements defined in Ancestors: id, extension, modifierExtension The order of the dosage instructions
text	Σ	0..1	string	Free text dosage instructions e.g. SIG
additionalInstruction	Σ	0..*	CodeableConcept	Supplemental instruction or warnings to the patient - Binding: SNOMED CT Additional Dosage Instructions (Example)
patientInstruction	Σ	0..1	string	Patient or consumer oriented instructions
timing	Σ	0..1	Timing	When medication should be administered
asNeeded	Σ C	0..1	boolean	Take "as needed"
asNeededFor	Σ C	0..*	CodeableConcept	Take "as needed" (for x) Binding: SNOMED CT Medication As Needed Reason Codes (Example)
site	Σ	0..1	CodeableConcept	Body site to administer to Binding: SNOMED CT Anatomical Structure for Administration (Example)
route	Σ	0..1	CodeableConcept	How drug should enter body Binding: SNOMED CT Route Codes (Example)
method	Σ	0..1	CodeableConcept	Technique for administering medication Binding: SNOMED CT Administration Method Codes (Example)
doseAndRate	Σ	0..*	Element	Amount of medication administered, to be administered
maxDosePerPeriod	Σ	0..*	Ratio	Upper limit on medication per unit of time
maxDosePerAdministration	Σ	0..1	SimpleQuantity	Upper limit on medication per administration
maxDosePerLifetime	Σ	0..1	SimpleQuantity	Upper limit on medication per lifetime of the patient