

Medication Resource

The Medication domain includes a number of related resources

Child Pages

- [Mapping of FHIR Medication to SNOMED CT Concept](#)

M e d i c a t i o n R e q u e s t	An order for both supply of the medication and the instructions for administration of the medicine to a patient.
M e d i c a t i o n D i s p e n s e	Provision of a supply of a medication with the intention that it is subsequently consumed by a patient (usually in response to a prescription).
M e d i c a t i o n A d m i n i s t r a t i o n	When a patient actually consumes a medicine, or it is otherwise administered to them
M e d i c a t i o n S t a t e m e n t	This is a record of a medication being taken by a patient or that a medication has been given to a patient, where the record is the result of a report from the patient or another clinician, or derived from supporting information (for example, Claim, Observation or MedicationRequest). A medication statement is not a part of the prescribe->dispense->administer sequence, but is a report that such a sequence (or at least a part of it) did take place, resulting in a belief that the patient has received a particular medication.

Taken from <http://build.fhir.org/medicationstatement.html>

Element	Current	Discussion
Code	<ul style="list-style-type: none"> • Include codes from http://snomed.info/sct where concept is-a 410942007 (Drug or medicament) this is a type of substance. • Include codes from http://snomed.info/sct where concept is-a 373873005 (Pharmaceutical / biologic product) • Include codes from http://snomed.info/sct where concept is-a 106181007 (Immunologic substance) 	<p>Vaccines may not be covered (see immunization resource, in which case immunization substances could be removed from the medication codes valueset).</p> <p>Should we draw the distinction between products and the more abstract substances and say that only products can be administered?</p> <p>Jim Case noted that vaccine substances are going to be retired (they also exist as products).</p> <p>Possible use case for using substances for TPN (total parenteral nutrition). Also for post coordinated expression used in "code", however this could still be a type of product if used as an ingredient.</p> <p>Can we simplify this then and cover all use cases with a binding of: < 763158003 Medicinal product (product) </p>

Form	<ul style="list-style-type: none"> Include codes from http://snomed.info/sct where concept is-a 421967003 (Drug dose form) 	<p>421967003 Drug dose form (qualifier value) is no longer a sensible binding. It only has 15 descendants.</p> <p>< 736542009 Pharmaceutical dose form (dose form) is a preferable binding.</p> <p>Options for dealing with conflict (from another resource)</p> <p>See SNOMED on FHIR Meeting (20171017).pptx :</p> <ol style="list-style-type: none"> 1.Restrict bodySite to [0..0] and require finding site in code 2.BodySite can only be populated if code has no finding site 3.BodySite (if exists) must be a specialization of finding site 4.BodySite must always be a specialization or self of finding site 5.Only allow conditions with no finding sites and include bodySite 6.Any condition and any bodySite
Ingredient. item. itemCodeableConcept		<p>< 105590001 Substance (substance) </p> <p>JR noted that this field could also allow recursive composition with further Medication resources eg for a combination pack. Is this link still valid?</p>
amount		It is not clear what this element refers to - the pack, the amount

Other supporting elements

Element	Current	Discussion
Dosage. AdministrationSite	Anatomical Structure	This precludes acquired structures, so a more general binding of << 442083009 Anatomical or acquired body structure (body structure) might be more helpful.

Note: Interesting situation with anesthesia where the quantity might be - for example - a rate of flow of medication and the denominator would be time.

MedicationAdministration

Refusal reason is a wrong binding. Those codes in SNOMED relate to the actual medication that was refused. Perhaps better option to use << 182895007 |Drug declined by patient (situation)|

Note that 242990004 |Drug not available for administration (event)| is another item in that valueset, but it is concerning that we're picking from different sub-hierarchies here.