

E.7 Concept Enumerations for Relationship typeld

This concept enumeration represents a value that can be applied to the `relationship.typeld` field. This is used to identify the [concept model attribute](#) that determines the type of relationship between two [concepts](#).

[Exhibit E.7-1](#) shows the full range of values of values that can be applied to the `relationship.typeld` field.



The concept model attribute values that can be applied depend on the [concept model domain](#) of the concept in the `relationship.sourceId` of the defining relationship. See [4.13 Get Concept Model Rules](#) for information on terminology services used to determine the *concept model domain* and the *attributes* that can be applied to concept in a specific domain. For further details related to the concept model see the [Machine Readable Concept Model](#) specification and guide.

Exhibit E.7-1: Subtype and Concept Model Attributes

```
/* subtype relationship to a supertype concept */
116680003 |Is a|
```

```
2472316017 2472316017 |Concept model attribute|
```

```
/* concept model attributes that take concepts as values */
```

```
762705008 |Concept model object attribute|
47429007 |Associated with|
42752001 |Due to|
246075003 |Causative agent|
726633004 |Temporally related to|
255234002 |After|
288556008 |Before|
371881003 |During|
116676008 |Associated morphology|
116686009 |Has specimen|
118168003 |Specimen source morphology|
118169006 |Specimen source topography|
118170007 |Specimen source identity|
118171006 |Specimen procedure|
131195008 |Subject of information|
246090004 |Associated finding|
246093002 |Component|
246112005 |Severity|
246454002 |Occurrence|
246456000 |Episodicity|
246501002 |Technique|
246513007 |Revision status|
246514001 |Units|
260507000 |Access|
260686004 |Method|
260870009 |Priority|
263502005 |Clinical course|
272741003 |Laterality|
363589002 |Associated procedure|
363698007 |Finding site|
363701004 |Direct substance|
363702006 |Has focus|
363703001 |Has intent|
363704007 |Procedure site|
405813007 |Procedure site - Direct|
405814001 |Procedure site - Indirect|
363705008 |Has definitional manifestation|
363713009 |Has interpretation|
363714003 |Interprets|
370129005 |Measurement method|
370130000 |Property|
370131001 |Recipient category|
370132008 |Scale type|
370133003 |Specimen substance|
370134009 |Time aspect|
370135005 |Pathological process|
405815000 |Procedure device|
363699004 |Direct device|
363710007 |Indirect device|
424226004 |Using device|
425391005 |Using access device|
405816004 |Procedure morphology|
```

363700003 |Direct morphology|
 363709002 |Indirect morphology|
 408729009 |Finding context|
 408730004 |Procedure context|
 408731000 |Temporal context|
 408732007 |Subject relationship context|
 410675002 |Route of administration|
 411116001 |Has manufactured dose form|
 418775008 |Finding method|
 419066007 |Finding informer|
 424244007 |Using energy|
 424361007 |Using substance|
 424876005 |Surgical approach|
 609096000 |Role group|
 704319004 |Inheres in|
 704320005 |Towards|
 704321009 |Characterizes|
 704322002 |Process agent|
 704323007 |Process duration|
 704324001 |Process output|
 704325000 |Relative to|
 704326004 |Precondition|
 704327008 |Direct site|
 704346009 |Specified by|
 704347000 |Observes|
 704647008 |Is about|
 718497002 |Inherent location|
 719715003 |Relative to part of|
 719722006 |Has realization|
 726542003 |Has disposition|
 732943007 |Has BoSS|
 732944001 |Has presentation strength numerator value|
 732945000 |Has presentation strength numerator unit|
 732946004 |Has presentation strength denominator value|
 732947008 |Has presentation strength denominator unit|
 733722007 |Has concentration strength denominator unit|
 733723002 |Has concentration strength denominator value|
 733724008 |Has concentration strength numerator value|
 733725009 |Has concentration strength numerator unit|
 733928003 |All or part of|
 774081006 |Proper part of|
 733930001 |Regional part of|
 733933004 |Lateral half of|
 733931002 |Constitutional part of|
 733932009 |Systemic part of|
 734136001 |Contained in|
 734137005 |Tributary of|
 736472000 |Has dose form administration method|
 736473005 |Has dose form transformation|
 736474004 |Has dose form intended site|
 736475003 |Has dose form release characteristic|
 736476002 |Has basic dose form|
 736518005 |Has state of matter|
 738774007 |Is modification of|
 762951001 |Has ingredient|
 127489000 |Has active ingredient|
 762949000 |Has precise active ingredient|
 763032000 |Has unit of presentation|
 766939001 |Plays role|
 766952006 |Count of base of active ingredient|
 766953001 |Count of active ingredient|
 766954007 |Count of base and modification pair|
 774158006 |Has product name|
 774159003 |Has supplier|
 774160008 |Contains clinical drug|
 774161007 |Has pack size|
 774163005 |Has pack size unit|
 784276002 |Count of clinical drug type|

/* concept model attributes that take concrete data values */

762706009 |Concept model data attribute|

/* values will be added for planned future use */

{expression}