结果观察条目

结果观察条目用于结构化表达病人实验室、放射学或其他研究的详细信息。

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 数据元名称 | XPath | 多重性 | 要求 | 固定值 |
|  |  |  |  |  |
|  | Observation | 1..1 | SHALL |  |
|  | @classCode | 1..1 | SHALL | OBSERVATION |
|  | @moodCode | 1..1 | SHALL | EVN |
|  | templateID/@root | 1..1 | SHALL | Entry\_template\_Root\_OID.9 |
|  | id |  |  |  |
|  | statusCode | 1..1 | SHALL |  |
|  | code@ nullFlavor |  |  | NA |
|  | effectiveTime |  |  |  |
|  | entryRelationship@typeCode="SUBJ" |  |  |  |
|  | entryRelationship@typeCode="SUBJ" |  |  |  |

约束条件

CONF-XXXX: 必须包含一个仅且一个[1..1]**@classCode**="*OBS*" *Observation* (CodeSystem: 2.16.840.1.113883.5.6 HL7ObservationClass) **STATIC**

CONF-XXXX: 必须包含一个仅且一个[1..1]**@moodCode** 从值集[2.16.840.1.113883.11.20.9.18 MoodCodeEvnInt](#T_VS_MoodCodeEvnIn)中选取**STATIC**

CONF-XXXX: 必须包含一个仅且一个[1..1]templateId@root= Entry\_template\_Root\_OID.17

CONF-XXXX: 必须包含仅且一个[1..1] **code，**

1. Code必须该从LOINC (CodeSystem: 2.16.840.1.113883.6.1) or SNOMED CT (CodeSystem: 2.16.840.1.113883.6.96)中取值
2. Laboratory results SHOULD be from LOINC (CodeSystem: 2.16.840.1.113883.6.1) or other constrained terminology named by the US Department of Health and Human Services Office of National Coordinator or other federal agency. Local and/or regional codes for laboratory results are allowed. The Local and/or regional codes **SHOULD** be sent in the translation element. See the [Local code example](#Fig_LocalCodeExample) figure。

CONF-XXXX: 必须包含仅且一个[1..1] **statusCode,***从*ValueSet (CodeSystem: 2.16.840.1.113883.5.14 HL7ActStatus)*中取值。Dynamic*

CONF-XXXX: 应包含零到一个[0..1] **text**

1. **如果有text的话，应包含零到一个**[0..1] **reference/@value**
   1. reference/@value必须以#开头，指向它对应的叙述性文字。

CONF-XXXX: 必须包含仅且一个[1..1] **value。**

CONF-XXXX: 可包含一个[1..1] **effectiveTime，***用以记录测量的时间，或者样本采集的时间*

* 1. **SHALL** contain exObservationly one [1..1] effectiveTime/low element (CONF-CONSOL-520)
  2. **SHALL** contain exObservationly one [1..1] effectiveTime/high element if statusCode@code=completed or aborted (CONF-CONSOL-521)
  3. **SHALL NOT** contain effectiveTime/high element if statusCode@code=Observationive or suspended (CONF-CONSOL-522)

CONF-XXXX: 可 包含一到多个[0..1] **priorityCode**, **SHALL** be selected from ValueSet [2.16.840.1.113883.1.11.16866 ActPriority](#T_VS_ActPriorityVS) **DYNAMIC**。

CONF-XXXX: 可 包含零到一个[0..1] **methodCode**, **SHALL** be selected from ValueSet ………….**DYNAMIC**不能与Observation / code相冲突.

CONF-XXXX: 可 包含零到一个[0..1] **targetSiteCode**, **SHALL** be selected from ValueSet 2.16.840.1.113883.3.88.12.3221.8.9 Body Site **DYNAMIC**。

CONF-XXXX: 必须 包含一到多个[0..1] **author**

a.如果有**performer**的话，必须该包含[1..1]个**assignedEntity**

i. assignedEntity必须 包含至少一个[1..\*]id

ii. assignedEntity必须包含仅且一个[1..1]addr

iii. assignedEntity必须包含仅且一个[1..1]telecom

iv. assignedEntity宜包含零到一个[0..1] **representedOrganization**

* + - 1. representedOrganization如果有的话，必须包含零到多个[0..\*]id
      2. representedOrganization如果有的话，可以包含零到多个[0..\*]name
      3. representedOrganization如果有的话，必须包含仅且一个[1..1]addr
      4. representedOrganization如果有的话，必须包含仅且一个[1..1]telecom

CONF-XXXX: 应 包含零到多个[0..\*] **referenceRange**

a. 如果有referenceRange的话，必须包含仅且一个[1..1] **observationRange**

1. 如果有observationRange的话，不应包含 [0..0] **code**

Figure : Result observation example

<observation classCode="OBS" moodCode="EVN">

<!-- Result observation template -->

<templateId root="2.16.840.1.113883.10.20.22.4.2"/>

<id root="107c2dc0-67a5-11db-bd13-0800200c9a66"/>

<code code="30313-1" displayName="HGB" codeSystem="2.16.840.1.113883.6.1"

codeSystemName="LOINC"/>

<statusCode code="completed"/>

<effectiveTime value="200003231430"/>

<value xsi:type="PQ" value="13.2" unit="g/dl"/>

<interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>

<methodCode/>

<targetSiteCode/>

<author>

<time/>

<assignedAuthor>

<id/>

</assignedAuthor>

</author>

<referenceRange>

<observationRange>

<text>M 13-18 g/dl; F 12-16 g/dl</text>

</observationRange>

</referenceRange>

</observation>

Figure : No evaluation procedures (eg labs/x-rays) performed

<entry>

<act classCode="ACT" moodCode="EVN" negationInd="true">

<code code="386053000" codeSystem="2.16.840.1.113883.6.96"

displayName="evaluation procedure"/>

<text>No Evaluation Procedures Performed</text>

<statusCode code="completed"/>

</act>

</entry>

Figure : Local code example

<code code="30313-1" displayName="HGB" codeSystem="2.16.840.1.113883.6.1"

codeSystemName="LOINC">

<translation code="123-4"

displayName="Example"

codeSystem="2.16.840.1.113883.19.5"

codeSystemName="Regional Example Code System"/>

</code>

例子

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|  |