手术操作Procedure条目

手术操作Procedure条目用于结构化表达外科手术(RIM中定义的-后置条件为病患物理状况改变的手术/操作)的临床陈述。比方说阑尾炎切除术、髋关节置换、胃造口术等。

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

约束条件

CONF-XXXX: 应包含一个仅且一个[1..1]**@classCode**="*PROC*" *Procedure* (CodeSystem: 2.16.840.1.113883.5.6 HL7ProcedureClass) **STATIC**

CONF-XXXX: 应包含一个仅且一个[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: 应包含一个仅且一个[1..1]templateId@root= Entry\_template\_Root\_OID.13

CONF-XXXX: 可包含零到一个[0..1] **code，**

1. Code应该从ICD9-CM中取值
2. 应包含零到一个[0..1]originalText，如果originalText存在的话，应包含[0..1]个reference/@value，其中reference/@value应该从”#”开始，指向相关的叙述文字。

CONF-XXXX: 应包含仅且一个[1..1] **statusCode,***从*ProcedureAct *StatusCode Value Set中取值。Dynamic*

CONF-XXXX: 应包含仅且一个[1..1] **text,** reference/@value应该从”#”开始，指向section中对应的叙述文字*。*

CONF-XXXX: 可包含一个[1..1] **effectiveTime，***用以记录手术操作开始的时间或时间间隔.*

* 1. The effectiveTime element records the starting and ending times during which the concern was Procedureive.
  2. **SHALL** contain exProcedurely one [1..1] effectiveTime/low element (CONF-CONSOL-520)
  3. **SHALL** contain exProcedurely one [1..1] effectiveTime/high element if statusCode@code=completed or aborted (CONF-CONSOL-521)
  4. **SHALL NOT** contain effectiveTime/high element if statusCode@code=Procedureive or suspended (CONF-CONSOL-522)

CONF-XXXX: 可 包含零到多个[0..\*] **methodCode**, **SHALL** be selected from ValueSet ………….**DYNAMIC**不能与Procedure / code相冲突.

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

CONF-XXXX: 可 包含零到多个[0..\*] **specimen**, 表示从手术/操作中获取的样本。Specimen必须满足如下约束：

a.必须包含仅且一个[1..1] **specimenRole**

b. specimenRole应包含零到多个[0..\*] **id，**如果你想表示Procedure和Result 指的是同一个样本的话，那么Procedure/specimen/specimenRole/id应该与Organizer/specimen/ specimenRole/id相同。

CONF-XXXX: 应 包含一到多个[0..\*] **performer**

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

i. assignedEntity应 包含至少一个[1..\*]id

ii. assignedEntity应包含仅且一个[1..1]addr

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

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

* + - 1. representedOrganization如果有的话，应包含零到多个[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: 可 包含零到多个[0..\*] **participant**

a. 如果有participants的话，必须包含仅且一个[1..1] **@typeCode**="DEV" Device (CodeSystem: 2.16.840.1.113883.5.1002 HL7ActRelationshipType) **STATIC**

b. 如果有participants的话，必须包含仅且一个[1..1] [**Product Instance**](#CS_ProductInstance) (templateId:2.16.840.1.113883.10.20.22.4.37)

CONF-XXXX: 可 包含零到多个[0..\*] **participant**

a. 如果有participants的话，必须包含仅且一个[1..1] **@typeCode**="LOC" *Location* (CodeSystem: 2.16.840.1.113883.5.1002 HL7ProcedureRelationshipType) **STATIC**

b. 如果有participants的话，必须包含仅且一个[1..1] [**Service Delivery Location**](#CS_ServiceDellivery) (templateId:2.16.840.1.113883.10.20.22.4.32)

CONF-XXXX: 可 包含一到多个[1..\*]entryRelationship@typeCode="COMP" *Component* (CodeSystem:2.16.840.1.113883.5.1002HL7ProcedureRelationshipType) **STATIC**，满足如下

a.必须包含仅且一个[1..1] **@inversionInd**="true" *true*

b.必须包含仅且一个[1..1]encounter,

1. encounter必须包含仅且一个1..1] **@classCode**="ENC" *Encounter* (CodeSystem: 2.16.840.1.113883.5.6 HL7ProcedureClass) **STATIC**。

2. encounter必须包含仅且一个[1..1] **@moodCode**="EVN" *Event* (CodeSystem: 2.16.840.1.113883.5.1001 ProcedureMood) **STATIC(**Set the encounter ID to the ID of an encounter in another section to signify they are the same encounter**)**

**3.** encounter必须包含仅且一个[1..1] **id**

CONF-XXXX: 应 包含零到一个[1..\*]entryRelationship@typeCode="SUBJ" SUBJ (has subject)，**@inversionInd**="true"满足[**Instructions**](#CS_Instruction)条目模板。

CONF-XXXX: 应 包含零到一个[1..\*]entryRelationship**@typeCode**="RSON" *Has Reason*，满足[**Indication**](#CS_Indication)条目模板。

CONF-XXXX: 应 包含零到一个[1..\*]entryRelationship**@typeCode**="COMP" *Has Component*，满足[**Medication Procedureivity**](#CS_MedicationActivity)条目模板。

Procedure Procedure Status Code Value Set

| Value Set: Problem Procedure Status Code 2.16.840.1.113883.11.20.9.19 | | |
| --- | --- | --- |
| Code System(s): | HL7ProcedureStatus 2.16.840.1.113883.5.14 | |
| Description: | A ValueSet of HL7 ProcedureStatus codes for use on the concern Procedure. | |
| Code | Code System | Print Name |
| completed | HL7ProcedureStatus | Completed |
| aborted | HL7ProcedureStatus | Aborted |
| Procedureive | HL7ProcedureStatus | Procedureive |
| suspended | HL7ProcedureStatus | Suspended |

例子

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