Item Quality Evaluation

Overview Item Evaluation Criteria

The question text of each item definition should be the main identifier for its semantics. Hence, the question text determines which data an item shall collect. As a consequence, the question cannot be evaluated for its semantic correctness, but only whether it matches formal requirements as clear wording or correct spelling. All other elements of the item definition must be evaluated for their correctness in regard to the item semantics, i.e. if the options offered by the Codelist do not make sense for the item Question, the Codelist should be rated low.

Question: Is the question a suitable label shown to a human user when prompted to provided data for this item on paper or on a screen?

Codelist: Is the discrete set of permitted values with the print /display-forms and actual values sensible for the item definition?

Name: Is the name a proper human readable identifier for the item entity?

DataType: Is the data type general enough to represent the collected data and is it the most restrictive one that still specifies the data correctly?

Length (*required for text/string, optional for integer/float*): Is the length in combination with the data type and range checks sensible for the collected data?

Description: Is the description a meaningful free-text description of the item component?

Alias: Do the alias elements contain a suitable semantic coding for the medical concept of the item?

RangeChecks: Are the range checks in combination with the data type and length sensible for the collected data?

Good match: Is the item definition a reasonable result for the search query?

Relevancy: Is the item definition relevant?

Overview Item data type definitions

Format Name	Schema Datatype	Allowed String Pattern
integer	xs:integer	-?digit+
float	xs:decimal	-?digit+(.digit+)?
date	xs:date	YYYY-MM-DD
time	xs:time	hh**:**mm**:**ss(.n+)? (((+|-)hh**:**mm)|Z)?
datetime	xs:dateTime	YYYY-MM-DD**T**hh**:**mm**:**ss(.n+)?(((+|-)hh**:**mm)|Z)?
text	xs:string	*any sequence of characters*
string	xs:string	Semantically equivalent to **text** but directly supported as XML Schema datatype
boolean	xs:boolean	(true | false | 1 | 0)
double	xs:string	(((\+|-)?[0-9]+(\.[0-9]+)?((D|d|E|e)(\+|-)[0-9]+)?)|(-? INF)|(NaN))
hexBinary	xs:hexBinary	hex-encoded binary stream data
base64Binary	xs:base64Binary	binary stream encoded using Base64 Alphabet
hexFloat	xs:hexBinary	up to 16 characters
base64Float	xs:base64Binary	up to 12 characters
partialDate	xs:date	**[**YYYY**[**-MM**[**-DD]]]
partialTime	xs:time	**[**hh**[:**mm**[:**ss(.n+)? (((+|-)hh**:**mm)|Z)?]]]
partialDatetime	xs:dateTime	**[**YYYY**[**-MM**[**-DD**[T** hh**[:**mm**[:**ss(.n+)? ((+|-)hh**:**mm)?]]]]]]
intervalDatetime	xs:string	partialDatetime/partialDatetime)| (durationDatetime/partialDatetime)| (partialDatetime/durationDatetime)
durationDatetime	xs:duration	(((+|-)?P((((n(n+)?)Y)?((nn+)?)M)?((nn+)?)D)?) (T(((n(n+)?)H)?((n(n+)?)M)?((n(n+)?)((\.n+)?)S)?)?)?| (((n(n+)?)W))))
incompleteDatetime	xs:string	[YYYY|-]-[MM |-]-[DD|-]]]**T**[hh|-]:[mm|-]:[ss.s|-][? (+|-)nn:nn|Z]
incompleteDate	xs:string	[YYYY|-]-[MM |-]-[DD|-]
incompleteTime	xs:string	**T**[hh|-]:[mm|-]:[ss.s|-][?(+|-)nn:nn|Z]
URI	xs:anyURI	

Item 1/24: "Body Height"

Candidate 1/3

Body height

_____ cm

Name: Height
DataType: float
Length: 255
Description:
Alias: Body Height
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Body Height

_____ cm

Name: Body Height
DataType: integer
Length: 7
Description:
Alias: Body Height
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Body Height

_____ cm

Name: Body Height
DataType: integer
Length:
Description:
Alias: Body Height
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 2/24: "Body Weight"

Candidate 1/3

Body weight

_____ kg

Name: Weight
DataType: float
Length: 255
Description:
Alias: Body Weight
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Body weight

_____ kg

Name: Weight
DataType: float
Length: 3
Description: Body weight
Alias: Body Weight
RangeChecks: >= 0

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Body weight

_____ kg

Name: Body weight
DataType: float
Length: 10
Description:
Alias: Body Weight
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 3/24: "Diastolic BP"

Candidate 1/3

BP:

_____ mmHg

Name: diastolic blood pressure
DataType: integer
Length: 255
Description: diastolic
Alias: Diastolic blood pressure
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Semi-supine BP Diastolic

_____

Name: diastolic pressure
DataType: text
Length: 255
Description:
Alias: Diastolic blood pressure
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Standing BP Diastolic

_____

Name: diastolic pressure standing
DataType: text
Length: 255
Description:
Alias: Diastolic blood pressure, Standing position
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 4/24: "Systolic BP"

Candidate 1/3

BP:

_____ mmHg

Name: systolic blood pressure
DataType: integer
Length: 255
Description: systolic
Alias: Systolic Pressure
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Systolic BP

_____ mmHg

Name: Systolic Blood Pressure
DataType: integer
Length:
Description: Systolic BP
Alias: Systolic Pressure
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Semi-supine BP Systolic

_____

Name: systolic pressure
DataType: text
Length: 255
Description:
Alias: Systolic Pressure
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 5/24: "Pulse"

Candidate 1/3

Pulse (bpm)

_____ bpm

Name: Pulse
DataType: integer
Length: 255
Description:
Alias: Pulse Rate
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Pulse

_____

Name: Pulse
DataType: text
Length: 255
Description:
Alias: Pulse Rate
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Pulse

_____ beats...

Name: Pulse Rate
DataType: integer
Length: 255
Description: Post-Dose Reading 1: after 10 min in semi-supine position. 2 hours post-dose.
Alias: Pulse Rate
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 6/24: "Body Temperature"

Candidate 1/3

Body temperature

_____ °C

Name: Body temperature
DataType: float
Length: 255
Description: Sub-Itemgroup: Vital Signs
Alias: Body Temperature
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Body Temperature

_____ °C

Name: Body Temperature
DataType: float
Length:
Description:
Alias: Body Temperature
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Body Temperature

_____ °C

Name: Body Temperature
DataType: float
Length: 255
Description:
Alias: Body Temperature
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 7/24: "Creatinine"

Candidate 1/3

Creatinine

_____ mg/dL

Name: Creatinine, Serum
DataType: float
Length: 5
Description: Creatinine
Alias: Creatinine measurement, serum (procedure)
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Creatinine

_____

Name: Creatinine
DataType: float
Length: 255
Description:
Alias: Creatinine measurement, serum (procedure)
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Creatinine Clearance

_____ mL/min

Name: Creatinine Clearance
DataType: float
Length: 7
Description: Creatinine Clearance
Alias: Creatinine clearance measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 8/24: "Hemoglobin"

Candidate 1/3

Hemoglobin

_____ g/dL

Name: Hemoglobin
DataType: float
Length: 10
Description:
Alias: Hemoglobin
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Hemoglobin

_____ g/dL

Name: Hemoglobin
DataType: float
Length: 5
Description: Hemoglobin
Alias: Hemoglobin
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Hemoglobin

_____ g/dL

Name: LaboratoryProcedureHemoglobinResultSpecifiedValue
DataType: float
Length: 5
Description:
Alias:
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 9/24: "Potassium"

Candidate 1/3

Potassium

_____ mmol/l

Name: Potassium
DataType: float
Length: 10
Description:
Alias: Potassium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Potassium

_____

Name: Potassium
DataType: float
Length: 255
Description:
Alias: Potassium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Potassium

_____ mmol/L

Name: Potassium
DataType: float
Length: 255
Description:
Alias: Potassium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 10/24: "Glucose"

Candidate 1/3

Glucose

_____ mg/dl

Name: Glucose
DataType: float
Length: 10
Description:
Alias: Plasma Glucose Measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Glucose

_____ mmol/L

Name: Blood Glucose
DataType: float
Length: 255
Description:
Alias: Plasma Glucose Measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Glucose

☐ normal (0)

☐ out of range NCS (1)

☐ out of range (2)

Name: Urine Glucose
DataType: integer
Length: 255
Description:
Alias: Glucose measurement, urine
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 11/24: "Sodium"

Candidate 1/3

Sodium

_____ mmol/L

Name: Sodium
DataType: float
Length: 10
Description:
Alias: Sodium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Sodium

_____

Name: Sodium
DataType: float
Length: 255
Description:
Alias: Sodium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Sodium

_____ mmol/L

Name: Sodium
DataType: float
Length: 255
Description:
Alias: Sodium measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 12/24: "Urea nitrogen"

Candidate 1/3

Blood urea nitrogen

_____ mmol/L

Name: Blood Urea Nitrogen
DataType: float
Length: 255
Description:
Alias: Blood urea nitrogen measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Serum Urea

- ☐ 0-5.9 mmol/L OR 0-.35 g/L (0)
- ☐ 6-9.9 mmol/L OR .36-.59 g/L (1)
- ☐ 10-19.9 mmol/L OR .60-1.19 g/L (3)
- ☐ ≥20 mmol/L OR ≥ 1.20 g/L (5)

Name: Serum Urea
DataType: integer
Length: 255
Description: Serum urea or serum urea nitrogen level
Alias: Urea measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Serum Urea

- ☐ 0-5.9 mmol/L OR 0-.35 g/L (0)
- ☐ 6-9.9 mmol/L OR .36-.59 g/L (1)
- ☐ 10-19.9 mmol/L OR .60-1.19 g/L (3)
- ☐ ≥20 mmol/L OR ≥ 1.20 g/L (5)

Name: Serum Urea Nitrogen
DataType: integer
Length: 255
Description: Serum urea or serum urea nitrogen level
Alias: Blood urea nitrogen measurement
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 13/24: "Myocardial Infarction"

Candidate 1/3

Myocardial infarction

☐ Yes

☐ No

Name: myocardial infarction
DataType: boolean
Length:
Description: Myocardial infarction
Alias: Myocardial Infarction
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Myocardial Infarction

☐ no (0)

☐ yes (1)

Name: Myocardial Infarction
DataType: integer
Length: 255
Description:
Alias: Myocardial Infarction
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Myocardial infarction

☐ Yes

☐ No

Name: Myocardial infarction
DataType: boolean
Length:
Description:
Alias: Myocardial Infarction
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 14/24: "Coronary Artery Bypass Surgery"

Candidate 1/3

CABG

☐ Yes

☐ No

Name: History of coronary artery bypass grafting
DataType: boolean
Length:
Description: Coronary Artery Bypass Surgery
Alias: History of coronary artery bypass grafting
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Coronary artery bypass surgery (CABG-Op)

☐ Yes

☐ No

Name: CABG-Op
DataType: boolean
Length:
Description: Coronary artery bypass surgery (CABG-Op)
Alias: Coronary Artery Bypass Surgery
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Coronary Artery Bypass Surgery

☐ Yes

☐ No

Name: Coronary Artery Bypass Surgery
DataType: boolean
Length:
Description:
Alias: Coronary Artery Bypass Surgery
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 15/24: "Angina Pectoris"

Candidate 1/3

Angina pectoris

☐ I. Ordinary physical activity does not cause angina (I. Ordinary physical activity does not cause angina)

☐ II. Slight limitation of ordinary activity (II. Slight limitation of ordinary activity)

☐ III. Marked limitation of ordinary activity (III. Marked limitation of ordinary activity)

☐ IV. Inability to carry out any physical activity without discomfort - angina syndrome may be present at rest (IV. Inability to carry out any physical activity without discomfort - angina syndrome may be present at rest)

Name: Angina pectoris
DataType: text
Length:
Description:
Alias: Angina Pectoris
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Angina

☐ Yes

☐ No

Name: History of Angina pectoris
DataType: boolean
Length:
Description: Angina pectoris
Alias: H/O: angina pectoris
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Angina Pectoris

☐ yes (1)

☐ no (2)

☐ unknown (3)

Name: angina
DataType: text
Length: 80
Description:
Alias: Angina Pectoris
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 16/24: "Myocardial Ischemia"

Candidate 1/3

evidence of myocardial ischemia

☐ Yes

☐ No

Name: Myocardial Ischemia Evidence of
DataType: boolean
Length:
Description:
Alias: Myocardial Ischemia, Evidence of (contextual qualifier)
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

exercise-induced myocardial ischemia

☐ Yes

☐ No

Name: Myocardial Ischemia exercise induced
DataType: boolean
Length:
Description:
Alias: Myocardial Ischemia, exercise induced
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

5. Other interventions: [6] ECG

☐ Yes

☐ No

Name: Other interventions ECG
DataType: boolean
Length:
Description: Select all that apply. Complete the ECG evidence of myocardial ischemia/infarction form for ALL ECGs related to this event.
Alias: Electrocardiogram, Other
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 17/24: "Coronary heart disease"

Candidate 1/3

Any contraindication to the use of Adrenaline

☐ Yes

☐ No

Name: Contraindication
DataType: boolean
Length:
Description: i.e: severe acute coronary heart disease, severe hypertension
Alias: Medical contraindication
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Coronary Artery Disease (heart disease)

☐ No (No)

☐ Yes (Yes)

☐ Unknown (Unknown)

Name: ChronicDiseaseCoronaryArteryInd-3
DataType: text
Length: 7
Description:
Alias:
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

coronary heart disease

☐ Yes

☐ No

Name: Coronary heart disease
DataType: boolean
Length:
Description:
Alias: Coronary heart disease
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 18/24: "Coronary revascularisation"

Candidate 1/3

[4] Non-coronary revascularisation

☐ Yes

☐ No

Name: Hospitalisation for Non-coronary revascularisation
DataType: boolean
Length:
Description:
Alias: Coronary revascularisation
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

4. Has the subject undergone a coronary revascularisation since the last visit?

☐ Yes (Y)

☐ No (N)

☐ Question not asked (Z)

Name: coronary revascularisation
DataType: text
Length: 255
Description: Yes - complete SAE and Revascularisation endpoint form
Alias: Coronary revascularisation, Percutaneous Coronary Intervention
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Time of revascularisation percutaneous coronary intervention

_____

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Name: Revascularisation percutaneous coronary intervention date
DataType: date
Length:
Description:
Person—revascularisation percutaneous coronary intervention date, DDMMYYYY

Obligation: Conditional

Identifying and definitional attributes
Short name: Date of revascularisation percutaneous coronary intervention
Synonymous names: Revascularisation PCI date
METeOR identifier: 359731
Registration status: Health, Standard 01/10/2008
Definition: The date when a percutaneous coronary intervention (PCI) is performed for revascularisation.
Data Element Concept: Person—revascularisation percutaneous coronary intervention date
Value domain attributes
Representational attributes
Representation class: Date
Data type: Date/Time
Format: DDMMYYYY
Maximum character length: 8
Data set specification specific attributes
Coronary artery cluster

Conditional obligation: Record when a percutaneous coronary intervention is performed for revascularisation.
Data element attributes
Collection and usage attributes
Guide for use: Revascularisation PCI relates to balloon angioplasty inflation and/or stent implantation performed for subsequent restoration of blood flow.
Comments: Routine revascularisation PCI may be performed after ST-segment-elevation myocardial infarction for people with objective evidence of recurrent myocardial infarction in whom there is spontaneous or inducible ischaemia or haemodynamic instability. Revascularisation PCI may also be performed for treatment of high-risk non-ST-segment-elevation acute coronary syndrome.
Source and reference attributes
Reference documents: National Heart Foundation of Australia & Cardiac Society of Australia and New Zealand. Guidelines for the management of acute coronary syndromes 2006. Med J Aust 2006; 184; S1-S32. © MJA 2006
Relational attributes
Implementation in Data Set Specifications: Coronary artery cluster Health, Standard 01/10/2008
Alias:
RangeChecks:

Item 19/24: "Cerebrovascular accident"

Candidate 1/3

Cerebrovascular Accident

☐ no (0)

☐ yes (1)

Name: Cerebrovascular Accident
DataType: integer
Length: 255
Description:
Alias: Cerebrovascular accident
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Cerebrovascular accident within one yar

☐ Yes

☐ No

Name: Stroke
DataType: boolean
Length:
Description: Cerebrovascular accident within one yar
Alias: Cerebrovascular accident
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Cerebrovascular disease

☐ No (1)

☐ Yes (2)

☐ Not evaluated (3)

Name: Cerebrovascular disease
DataType: integer
Length: 255
Description: Transient ischemic attack or cerebrovascular accident
Alias: Cerebrovascular Disorders
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 20/24: "Hemorrhage"

Candidate 1/3

Is a vitreous hemorrhage present?

☐ No (1)
☐ Trace (2)
☐ 1+ (3)
☐ 2+ (4)
☐ 3+ (5)
☐ 4+ (6)
☐ Note Done (7)

Name: Vitreous Hemorrhage
DataType: integer
Length: 255
Description:
Alias: Vitreous Hemorrhage
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Hemorrhage

☐ Yes
☐ No

Name: Hemorrhage
DataType: boolean
Length:
Description:
Alias:
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Retinal Hemorrhage

☐ Yes
☐ No

Name: Retinal Hemorrhage
DataType: boolean
Length:
Description:
Alias: Retinal Hemorrhage
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 21/24: "Transient Ischemic Attack"

Candidate 1/3

History of transient ischemic attack (TIA)

☐ Yes

☐ No

Name: History of TIA
DataType: boolean
Length:
Description: History of transient ischemic attack (TIA)
Alias: H/O: TIA
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Transient Ischemic Attack

☐ no (0)

☐ yes (1)

Name: Transient Ischemic Attack
DataType: integer
Length: 255
Description:
Alias: Transient Ischemic Attack
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Stroke/transient ischemic attack (TIA)

☐ Yes

☐ No

Name: Stroke or TIA
DataType: boolean
Length: 7
Description: Stroke/transient ischemic attack (TIA)
Alias: Yes, No, or Unknown Response
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 22/24: "Muscle Weakness"

Candidate 1/3

Muscle weakness

☐ Yes

☐ No

Name: Muscle weakness
DataType: boolean
Length:
Description:
Alias: Muscle Weakness
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

39. Muscle weakness

☐ Not limited ([C08])

☐ Limited a little ([C09])

☐ Limited a lot ([C10])

Name: Muscle weakness
DataType: text
Length: 255
Description:
Alias: Muscle Weakness
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Musculoskeletal Muscle atrophy or weakness

☐ Yes

☐ No

Name: muscle atrophy or weakness
DataType: boolean
Length:
Description:
Alias: Muscular Atrophy, Muscle Weakness
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 23/24: "grip strength test left hand"

Candidate 1/3

Left Grip Strength Max-Grip Test 1

_____

Name: Left Grip Strength
DataType: integer
Length: 7
Description:
Alias: grip strength test left hand
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Left Grip Strength Max-Grip Test 1

☐ pounds (lb)

☐ kilograms (kg)

☐ newtons (N)

Name: Left Grip Strength
DataType: integer
Length: 7
Description:
Alias: grip strength test left hand
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Left Grip Strength Max-Grip Test 2

_____

Name: Left Grip Strength
DataType: integer
Length: 7
Description:
Alias: grip strength test left hand
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Item 24/24: "Dysarthria"

Candidate 1/3

Dysarthria

☐ yes (1)

Name: Dysarthrie
DataType: integer
Length:
Description: Dysarthrie
Alias: Dysarthria
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 2/3

Dysarthria

☐ Yes (1)

☐ No (2)

☐ Unsure (3)

☐ Not recorded (4)

Name: Neurological impairment: Dysarthria
DataType: integer
Length: 255
Description:
Alias: Neurologic Deficits; Dysarthria
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					

Candidate 3/3

Dysarthria

☐ Yes

☐ No

Name: Dysarthria
DataType: boolean
Length:
Description:
Alias: Dysarthria:Find:Pt:^Patient:Ord:NIHSS
RangeChecks:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
Question					
Codelist					
Name					
DataType					
Length					
Description					
Alias					
RangeChecks					
Good match					
Relevancy					