

# Change request

## Location

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<b>Dataset release</b>	2023.1	<b>Consulted expert</b>	-

### 1 Change request input / rationale

The value set for the location class seems to be too narrow considering that the Location concept is used in the Healthcare Encounter concept for origin and current location, which should allow following the physical locations of patients during a hospital stay. Further, the value set is not expressed in a semantic standard currently. Therefore, it would be beneficial to define a broader set of values for the location class and use, for example, SNOMED CT as the semantic standard.

### 2 Comparison to other standards/data models

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### 3 Change content

#### 3.1 Currently released concept

Concept name	Description	Type	Standard	Value set	Meaning binding SNOMED CT	Meaning binding LOINC
<b>Location</b>	physical location or medical division taking care of the individual					
<b>class</b>	general location type; can be within a hospital (department) or outside (home, retirement home)	qualitative		Diagnostic institution; Accident and Emergency department; Health authority; Private home-based care; Hospital; Military health institution; Prison-based care site; Nursing home; Pharmacy; Ambulatory care site; Rehabilitation hospital; Client's or patient's home; Medical center; General practice premises; Site of care		
<b>exact</b>	location specifying in greater detail the general location type (class), e.g. a specific ward in a specific hospital or full address of a discharge location	string				

### 3.2 Proposed new concept

Concept name	Description	Type	Standard	Value set	Meaning binding
<b>Location</b>	physical location or medical division taking care of the individual				
<b>class</b>	general location type; can be within a hospital (department) or outside (home, retirement home)	Code	SNOMED CT	descendant of : 276339004  Environment (environment)	
<b>exact</b>	location specifying in greater detail the general location type (class), e.g. a specific ward in a specific hospital or full address of a discharge location	string			

## 4 Pros and cons

### 4.1 Advantages

- Greater flexibility in mapping the most appropriate SNOMED CT code for the local location name as different hospitals have different physical location structures and assigned terms.
- Greater flexibility to represent origin and discharge locations of an individual outside of the hospital.

### 4.2 Disadvantages

- None.