Change request

Death Status

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Project	-	Contact person	-
Dataset release	2022.1	Consulted expert	-

1 Change request input / rationale

The values in the value set should be expressed with SNOMED CT concepts instead of proprietary terms.

2 Comparison to other standards/data models

2.1 HL7 FHIR

Death reporting via FHIR is a topic in the US, see https://hl7.org/fhir/us/vrdr/2019May/. LOINC as well as SNOMED CT Codes are used to express related information, e.g. 308646001 |Death certification (procedure)|.

2.2 OMOP

There is a DEATH table in OMOP linked to PERSON but no such element as death status (living patients should simply not contain any inforation in the DEATh table).

3 Change content

3.1 Currently released concept

SPHN Dataset version: 2019.3

Unique concept ID: 0000000125

Concept name	Description	Type	Standard	Value set	Meaning binding SNOMED CT	Meaning binding LOINC
Death Status	death information availability					
status	death status according to valueset	qualitative		death; unknown	419099009 |Dead (finding)|	
datetime	datetime of death for the individual	temporal			399753006 |Date of death (observable entity)|	81954-0 Date of death [Date]

3.2 Proposed new concept

Contextualized concept name	Description	Type	Standard	Value set	Meaning binding SNOMED CT	Meaning binding LOINC
Death Status	death information availability					
status	death status according to valueset	Code	SNOMED CT	419099009 |Dead (finding)|; 261665006 |Unknown (qualifier value)|		
death datetime	datetime of death for the individual	Death Date				

4 Pros and cons

4.1 Advantages

A coded value set using a widely accepted semantic standard is serving interoperability.

4.2 Disadvantages

None.

5 Discussion

It appeared that the date can be misunderstood as the date of the death status. Therefore, the composedOf name has been adapted to “death date”. The type for death datetime changes from temporal to Death Date as it has been decided to create a new *Death Date* concept.