

New concept proposal

Access Device Presence

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Dataset release	2023.1	Consulted expert	-

1 Rationale

The concept *Access Device Presence* is a new concept replacing the former concept Catheter (present in SPHN Dataset release 2021.1 but removed in SPHN Dataset release 2022.1). In its definition, the concept *Access Device Presence* is more inclusive and more precise than the former Catheter concept, which only included device types that are children of SNOMED CT concept 19923001 |Catheter, device (physical object)|.

2 Concept information

Concept name	Description	Type	Standard	Value set	Meaning binding
Access Device Presence	application of medical access device, such as cannula, tube, catheter or drainage				SNOMED CT: 397578001 Device in situ (finding)
device	type of device inserted	Medical Device	SNOMED CT	descendant of: 105789008 Cannula/tube/catheter, device (physical object)	
insertion point	point of insertion of the device	Body Site			

resting point	location in the body where the device ends and interacts with a body part or anatomical site	Body Site
insertion datetime	datetime of insertion of the access device	temporal
removal datetime	datetime of removal of the access device	temporal

3 Impact on the SPHN Dataset

None.

4 Discussion

Several names have been discussed for this concept, e.g. access device status, access device application, access device usage. The term access device presence has been chosen as it seems the word “presence” reflects best the fact that the access device was present for/in the patient for a given time (between insertion and removal datetime). This concept does not represent the action or procedure of insertion but the presence of the access device from insertion to removal. Other relevant information such as size, gauge or number of lumen should be stored as attribute of the medical device; potentially, this information is included in the product code.