



Professional  
Record  
Standards  
Body

## Release Notes

### Diabetes Self-Management Information Standard

#### V1.0

**Publication Date: January 2023**

**Previous Release: V0.3 July 2022**

The following changes have been made to the standard as part of publication following endorsement by the relevant professional bodies and key stakeholders, and a discovery phase of work exploring requirements for implementation and including a preliminary mapping of the information model to FHIR UK Core.

The changes are to:

- the name, which was changed from 'Diabetes Self-Management Data Standard' to 'Diabetes Self-Management Information Standard' for the [ISN](#) application.
- the information model, which included a limited remodelling of some sections and involving changes to elements such as renaming, addition or removal or changes to cardinality or conformance. See details below.
- the implementation guidance. The term "glucometer" has been replaced with blood glucose meter throughout. See details below.
- the final report (now V1.1), which was updated with the revised standard names for the ISN.
- the survey report (now V1.1), which was updated with the revised standard names for the ISN.
- the Safety case report (now V1.1), which was updated with the revised standard names for the ISN and references to a generic hazard list were removed.
- the business rules (V1.0), which is a new document listing the business rules for suppliers.
- the Terminology framework (V1.0), which is a new document that lists the newly authored SNOMED CT concepts published by NHS Digital for Diabetes Record Information Standard and includes some concepts included in the Diabetes Self-Management Standard.
- the Profiles (V1.0), which is a new document containing a draft view of the Diabetes Self-Management Information Standard where the subject of record is a resident self-managing in a care home. It also contains draft views of the standard for diabetes devices including continuous glucose monitors (CGMs), blood glucose meters, connected insulin pens, insulin pumps, and hybrid closed loop systems.
- all documents where minor typographical/ formatting errors, ambiguous acronyms and dead links were identified, these were corrected.

#### Information model changes

See details in table below. Where minor typographical/ formatting/ expression constraint language notation errors and dead links have been identified and corrected, these are not listed here.

Section/ Element(s)	Update	Detail
Social context/ Alcohol intake/ Alcohol use details	Element removed.	Element removed to align to Diabetes Record Information standard, which does not support Alcohol use details.
Summary observations/ Glucose metrics record entry/ Monitoring detail/ Mean daily monitoring frequency	Cardinality reduced from "0...many" to "0 to 1".	Cardinality is now "0...1" and conformance is now "R".
Summary observations/ Glucose metrics record entry/ Monitoring detail/ Percent sensor data available	Conformance changed from mandatory to required.	Cardinality is now "0...1" and conformance is now "R".
Summary observations/ Glucose metrics record entry/ Number of sensor failures	Element renamed.	Element renamed to Percent number of sensor failures. Description updated to read: "The number of continuous glucose monitoring sensor failures reported by the person, expressed as a percentage of sensors applied during the reporting period."
Summary observations/ Glucose metrics record entry/ Monitoring data/ Times or values in range	Section remodelling.	Reference ranges element renamed to Reference range, cardinality reduced from "0...many" to "0 to 1", conformance changed from required to mandatory, and element moved to and repeated under the elements for each level of times or values within range.
Medications and medical devices/ Medication administration record entry	New element added.	Site element added following stakeholder feedback.
Medications and medical devices/ Medication administration record entry	Section remodelling.	Infusion dose administered cluster removed and components merged and rationalised under Dose administered cluster to remove duplicate components. Coded value for dose/ infusion dose administered merged into Dose context element.
Medications and medical devices/ Medication administration record entry/ Insulin calculations cluster/ Insulin sensitivity factor/ Coded value	<i>Erratum.</i>	Replaced text in operationalisation with 'SNOMED CT.'
Medications and medical devices/ Usual insulin dosing cluster/ Usual insulin record entry	Merged element.	Device type element added and Coded value for usual insulin dose merged into Dose context element.

Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Modal insulin record entry	Merged element.	Device type element added and Coded value for modal insulin dose merged into Dose context element.
Documents (including correspondence, audio and images)/ Documents/ Additional information required for images/ Images	Element updated.	Element description added: "Image details".

## Implementation Guidance changes

See details in table below. Where minor typographical/ formatting errors, guidance on terminology notation and updates following newly authored and published SNOMED CT concepts, ambiguous acronyms and dead links have been identified and corrected or clarified, these are not listed here. Newly authored and published SNOMED CT concepts are listed under the terminology framework [here](#). Exact wording changes made to the Diabetes Self-Management Information Standard implementation guidance for this version are held by the PRSB as track change enabled documents. Contact [info@theprsb.org](mailto:info@theprsb.org) for section specific enquiries.

Section/Elements	Update	Detail
Social context/ Alcohol intake/ Coded value	Implementation guidance	Value set updated and alternative for inactive concept clarified.
Examination findings/ Examination findings record entry/ Examination findings/ Coded value	Implementation guidance	Updated guidance around recording of details of diabetic foot checks.
Observations/ Observations record entry/ Device type/ Coded value	Implementation guidance	Updated to align to existing SNOMED CT and dm+d codes for glucose monitoring devices.
Summary observations/ Glucose metrics record entry/ Monitoring type/ Device type/ Coded value	Implementation guidance	Updated to align to existing SNOMED CT and dm+d codes for glucose monitoring devices.
Summary observations/ Glucose metrics record entry/ Monitoring detail/ Percent number of sensor failures.	Implementation guidance	Guidance and code request updated to clarify that this is the "Number of continuous glucose monitoring device sensor failures reported by subject of record expressed as a percentage of sensors applied."
Summary observations/ Glucose metrics record entry/ Monitoring detail/ Percent sensor data available	Implementation guidance	Updated to reflect change in conformance (see information model changes).
Summary observations/ Glucose metrics record entry/ Monitoring data	Implementation guidance	Value sets for reference ranges of times or values in ranges elements updated to: <ul style="list-style-type: none"> <li>371933006  Upper limit of reference range (qualifier value) </li> </ul>

		<ul style="list-style-type: none"> <li>385524004  Lower limit of reference range (qualifier value) </li> </ul>
Observations/ Sensor failures record entry	Implementation guidance	Updated with latest new SNOMED CT concept request.
Assessments	Implementation guidance	Value sets updated with concepts to support assessments relevant for residents in care homes.
Medications and medical devices/ Medication administration record entry/ Medication name	Implementation guidance	<p>Following stakeholder feedback, insulin recording guidance updated with exemplars of dm+d use for insulin including presentation type and size e.g. cartridge 3ml. Statement added: "For general medicines administration purposes it is expected that variously virtual therapeutic moiety (VTM), virtual medicinal product (VMP) and actual medicinal product (AMP) concepts from the NHS dictionary of medicines and devices (dm+d) standard will be used."</p> <p>Removed statement: "Use SNOMED CT only". Contact for further information updated to <a href="mailto:nhsbsa.dmdenquiries@nhs.net">nhsbsa.dmdenquiries@nhs.net</a></p>
Medications and medical devices/ Usual insulin dosing cluster/ Usual insulin record entry/ Insulin name	Implementation guidance	<p>Following stakeholder feedback, insulin recording guidance updated with exemplars of dm+d use for insulin including presentation type and size e.g. cartridge 3ml. Removed statement: "Use SNOMED CT only". Contact for further information updated to <a href="mailto:nhsbsa.dmdenquiries@nhs.net">nhsbsa.dmdenquiries@nhs.net</a></p>
Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Modal insulin record entry/ Insulin name	Implementation guidance	<p>Following stakeholder feedback, insulin recording guidance updated with exemplars of dm+d use for insulin including presentation type and size e.g. cartridge 3ml. Removed statement: "Use SNOMED CT only". Contact for further information updated to <a href="mailto:nhsbsa.dmdenquiries@nhs.net">nhsbsa.dmdenquiries@nhs.net</a></p>
Medications and medical devices/ Medication administration record entry/ Site	Implementation guidance	Guidance added defining value set for new element.
Medications and medical devices/ Medication administration record entry/ Dose context	Implementation guidance	Guidance added defining value set for Dose context element derived from merged deprecated coded value guidance for Dose administered and Infusion dose administered.
Medications and medical devices/ Usual insulin dosing cluster/ Usual insulin record entry/ Dose context	Implementation guidance	Guidance added defining value set for Dose context element derived from merged deprecated coded value

		guidance for Dose administered and Infusion dose administered.
Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Modal insulin record entry/ Dose context	Implementation guidance	Guidance added defining value set for Dose context element derived from merged deprecated coded value guidance for Dose administered and Infusion dose administered.
Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Device data record entry/ Device cannula change.	Implementation guidance	Updated with latest new SNOMED CT concept requests. Removed withdrawn request: "Change of infusion pod (procedure)".
Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Device summary metrics/ Percent device data available/ Coded value	Implementation guidance	Updated with latest new SNOMED CT concept request.
Medications and medical devices/ Summary medication metrics/ Insulin metrics record entry/ Device summary metrics/ Mean time between cannula changes	Implementation guidance	Updated with latest new SNOMED CT concept request. Removed withdrawn request: "Mean time between changing of infusion pod (observable entity)".
Medications and medical devices/ Medication item entry/ Medical devices entry/ Device type/ Coded value	Implementation guidance	Updated to align to existing SNOMED CT and dm+d codes for glucose monitoring devices.