

nehta

Dispense Record

Structured Document Template

Version 3.0 — 23 Aug 2010

Confidential - Draft

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Document Information

Document owner

Document Owner

The National Clinical Terminology and Information Service

Change history

Version	Date	Comments
1.0	20 Nov 2009	Initial public release.
2.0	20 Jul 2010	Public Release - For Consultation.
3.0	23 Aug 2010	Use Participation v3. Other minor changes.

Related documents

Name	Version/Release Date
Data Types in NEHTA Specifications	Version 1.0, Issued 30 June 2010
Data Specifications and Structured Document Templates - Guide for Use	Version No. 1.1, Issued 7 June 2010
Participation Data Specification	Version 3.0, Issued September 2010
ePrescription Structured Document Template	Version 3.0, Issued September 2010
Prescription Request Structured Document Template	Version 1.0, Issued September 2010
Dispense Record CDA Implementation Guide	Version 1.0, Issued June 2010

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Acknowledgements

NEHTA would like to thank the following organisations and individuals for their contribution to these data specifications:

- Standards Australia;
- Members of the Australian DataTypes Project;
- Australian Institute of Health & Welfare; and
- Ocean Informatics.

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1 Introduction

This document is a Structured Document Template (SDT) for dispense records. It specifies the information structure of NEHTA-compliant dispense records in order to support the Electronic Transfer of Prescription (ETP).

Essential information about structured document templates can be found in [NEHTA Data Specifications and Structured Document Templates - Guide for Use \[NEHT2010d\]](#).

This document is for review and NEHTA values your questions and comments about this document. Please direct your questions or feedback to medication.management@nehta.gov.au.

1.1 Document Purpose

This document describes the structured document template for a *dispense record* from a clinical communication perspective.

A *dispense record* documents activity associated with the dispensing of a single prescribed item within a single dispensing event. If an item is prescribed *with repeats* there will be one dispense record for the original prescription, and one for each repeat.

The content within this document provides reviewers (software development teams, architects, designers, clinicians and informatics researchers) with the necessary information (or references to information held outside this document) to evaluate and assess the clinical suitability of NEHTA-endorsed specifications for the electronic transfer of prescriptions.

It is part of the foundation for any implementation of a NEHTA-compliant electronic prescription system.

It is also a key input to the [NEHTA Dispense Record CDA Implementation Guide \[NEHT2010o\]](#), which describes how to implement NEHTA-compliant dispense records using [HL7 Clinical Document Architecture \[HL7CDA\]](#).

1.2 Intended Audience

This document is aimed at software development teams, architects, designers, clinicians and informatics researchers who are responsible for the delivery of clinical applications, infrastructure components and messaging interfaces and also for those who wish to evaluate the clinical suitability of NEHTA-endorsed specifications.

1.3 Overview

The overall process of prescribing and dispensing is described in [ETP Release 1.1 Concept of Operations \[NEHT2010p\]](#).

The processes behind dispense records are:

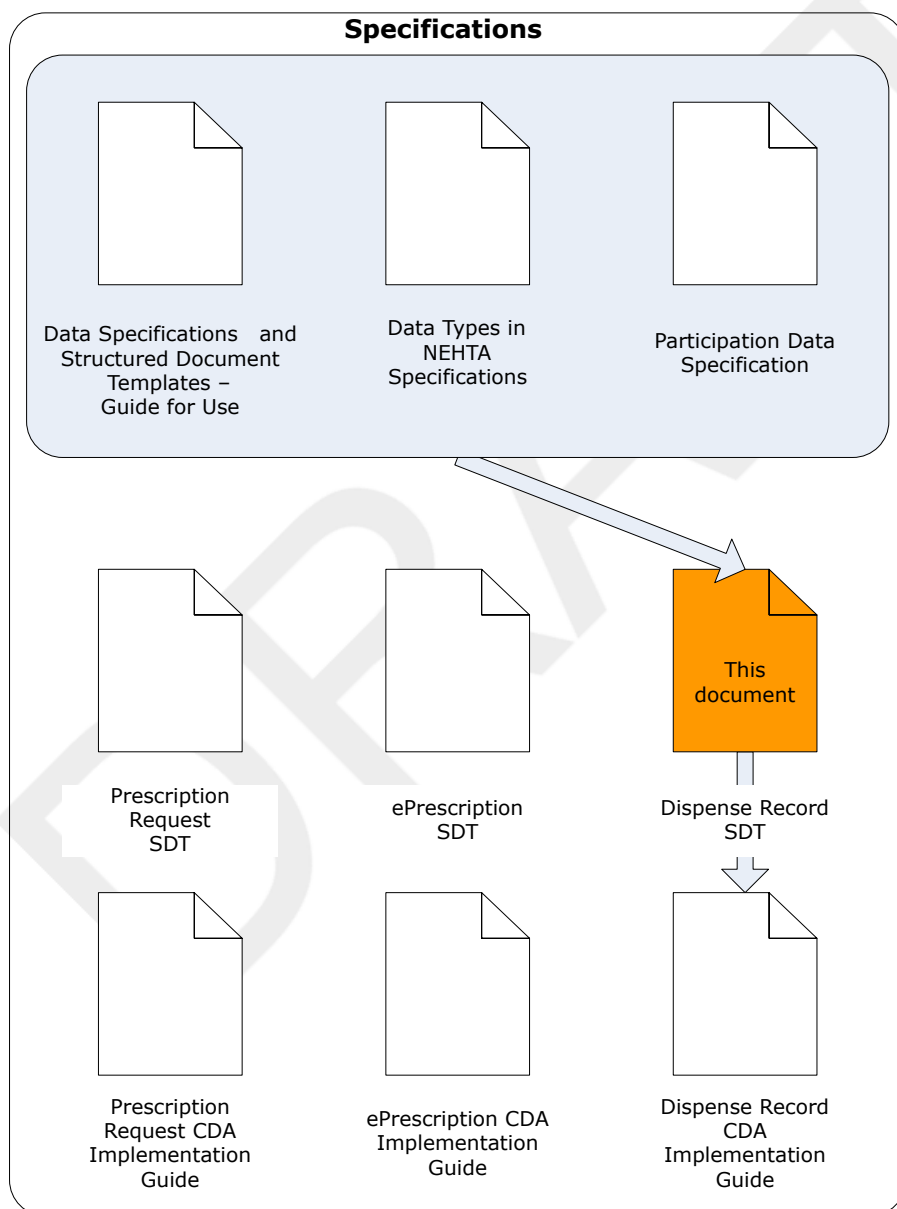
1. A prescriber, using an Electronic Prescribing System (EPS), creates an electronic prescription (ePrescription) and transmits it to a Prescription Exchange Service (PES). A PES is an online service for the exchange of prescriptions; it is operated by a PES provider and is accessible by any Electronic Dispensing System (EDS) in use in a participating pharmacy.
2. The dispenser retrieves the electronic prescription from the PES.

3. Dispensing takes place, which may entail a number of tasks, including further interaction between the dispenser and the subject of care, between the dispenser and the prescriber or other authorities such as Medicare Australia.
4. After the dispensing is completed, an electronic dispense record, called a PES–DR, containing information pertinent to that event is created and stored in the PES.

Further information concerning the ePrescription data groups and data elements is also provided in [NEHTA ePrescription Structured Document Template \[NEHT2010j\]](#).

1.4 Document Map

This document is not intended to be used in isolation. Companion documents are listed below:



Document Map

1. [NEHTA Data Specifications and Structured Document Templates - Guide for Use \[NEHT2010d\]](#).

2. [NEHTA Data Types in NEHTA Specifications \[NEHT2010c\]](#).
3. [NEHTA Participation Data Specification \[NEHT2010i\]](#).
4. [NEHTA Prescription Request Structured Document Template \[NEHT2010k\]](#).
5. [NEHTA ePrescription Structured Document Template \[NEHT2010j\]](#).
6. [NEHTA ePrescription CDA Implementation Guide \[NEHT2010m\]](#).
7. [NEHTA Prescription Request CDA Implementation Guide \[NEHT2010n\]](#).
8. [NEHTA Dispense Record CDA Implementation Guide \[NEHT2010o\]](#).

1.5 Document Scope

This document specifies the essential clinical data groups and elements to be captured in a dispense record exchange and the constraints that should be applied. Its scope is aligned to ETP Release 1.1, which will support prescriptions that are generated by medical practitioners and dispensed by pharmacists.

The types of prescription are:

- PBS/RPBS prescriptions
- PBS/RPBS authority prescriptions
- Non-PBS prescriptions (private prescriptions)

This is not a guide to implementing any specific messaging standard.

1.6 Changes Since the Previous Version

These are the main changes since Dispense Record SDT Version 2.0.

1. The data element *DateTime Dispense Act* has been renamed *DateTime Dispense Event*.
2. The data element *Therapeutic Good Description* has been renamed to *Therapeutic Good Identification*.
3. The data element *Formula* has been added to *PRESCRIPTION ITEM* to capture details of extemporaneous preparations.
4. The data element *Instructions for Use* has been added to *PRESCRIPTION ITEM* to capture details of the use of a non-medicine therapeutic good.
5. The data group *DOSAGE* has been removed.
6. The data element *Repeat Authorisation Identifier* has been removed.
7. The data element *Item Successfully Dispensed* has been removed.
8. The data element *Dispense Deferred* has been removed.
9. The data element *Claim Category Type* has been made mandatory.
10. The latest version of participation ([\[NEHT2010i\]](#)) is now used.

11. The ability to use subject of care identifiers other than IHIs has been removed. Similarly for HPI-Is and HPI-Os.

1.7 Known Issues

These are the known issues with this specification at the time of publishing. NEHTA is working on solutions to these issues, but we encourage and invite comments to further assist the development of these solutions.

1. The *DOSAGE* data group in this release of the SDT does not support the clinical coding of dosage instructions. Clinical input is being sought to develop a clinical coding model for dosing instructions that supports both simple and complex dosing instructions such as variable and alternate dosing and multi-component medicines.
2. The data groups *DISPENSING ORGANISATION* and *PRESCRIBER ORGANISATION* may be absorbed into *DISPENSER* and *PRESCRIBER* with forthcoming changes to the participation data model.
3. The data element *DateTime Dispense Event* should be moved from *CONTEXT* to *DISPENSE ITEM*.

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2 Dispense Record Structured Document

2.1 DISPENSE RECORD







Identification

Name	DISPENSE RECORD
Metadata Type	Structured Document
Identifier	SD-16112
OID	1.2.36.1.2001.1001.101.100.16112

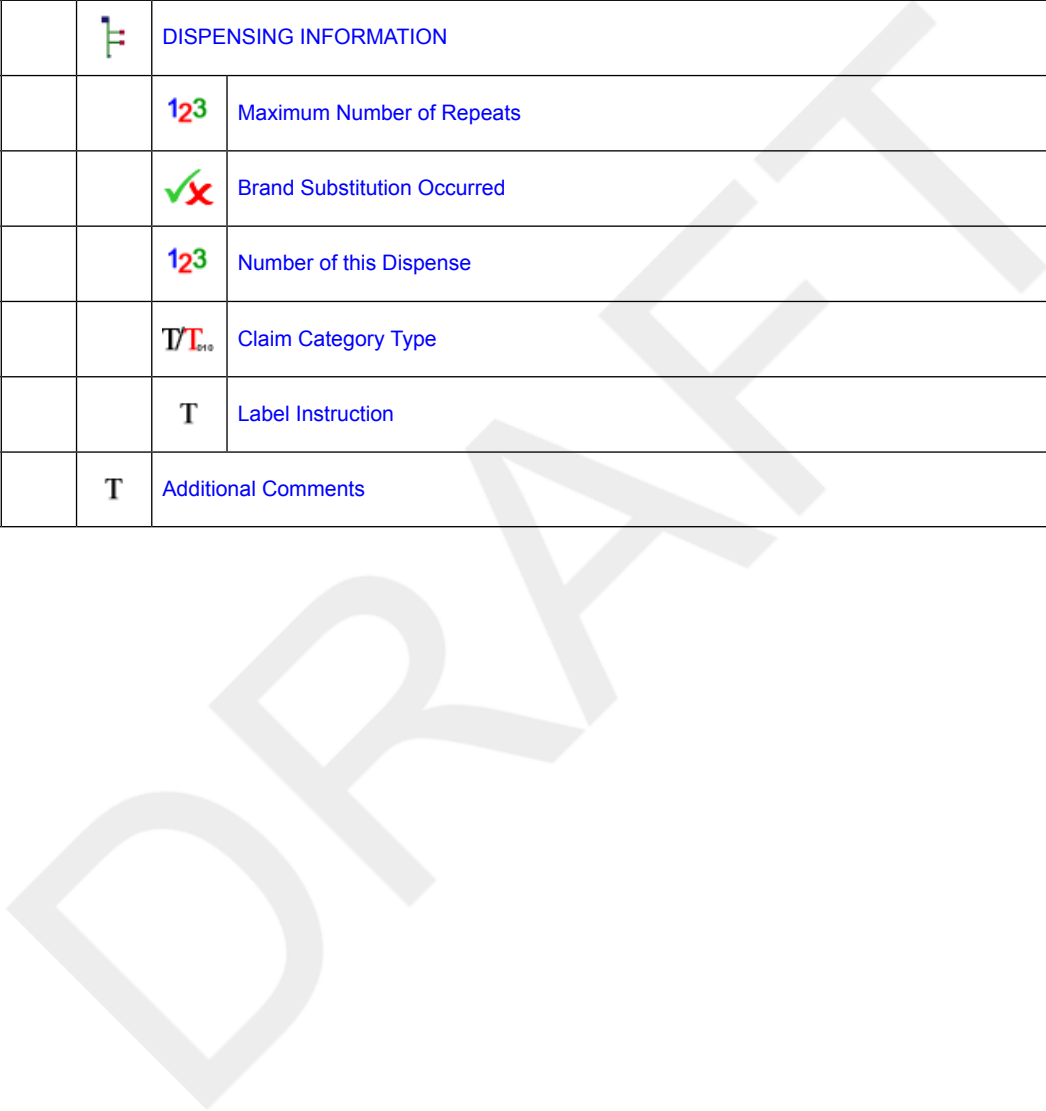
Definition

Definition	Information pertaining to the process of an authorised dispenser dealing out and making ready for supply a therapeutic good that requires a prescription, for the use of a subject of care.
Definition Source	NEHTA
Synonymous Names	
Scope	This is limited to dispensing by a pharmacist against prescriptions made by an authorised medical practitioner.
Scope Source	NEHTA
Notes	A dispense act may be completed with no item being supplied to the subject of care and still require the creation of a dispense record to record the fact.

Data Hierarchy

	DISPENSE RECORD	1..1
CONTEXT		
	SUBJECT OF CARE	1..1
	DISPENSER	1..1
	DISPENSING ORGANISATION	1..1
	DateTime of Dispense Event	1..1
CONTENT		
	DISPENSE ITEM	1..1

		ID	Dispense Item Identifier	1..1
		ID	Prescription Item Identifier	1..1
		T/T ₀₁₀	Therapeutic Good Identification	1..1
		T	Formula	0..1
		T	Quantity of Therapeutic Good	1..1
		⚡	DISPENSING INFORMATION	1..1
		123	Maximum Number of Repeats	1..1
		✓x	Brand Substitution Occurred	1..1
		123	Number of this Dispense	1..1
		T/T ₀₁₀	Claim Category Type	1..1
		T	Label Instruction	0..1
		T	Additional Comments	0..1



3 Dispense Record Context

3.1 SUBJECT OF CARE

Identification

Name	SUBJECT OF CARE
Metadata Type	Data Group
Identifier	DG-10296
OID	1.2.36.1.2001.1001.101.102.10296
External Identifier	AS 5017-2006 [SA2006b]

Definition

Definition	The person the prescription is for. The intended recipient of the prescribed item.
Definition Source	NEHTA
Synonymous Names	Patient Healthcare Individual

Usage

Conditions of Use	<p>These are described in more detail in A.1: Subject of Care.</p> <p>This is a reuse of the PARTICIPATION data group, which is described in Participation Data Specification [NEHT2010i].</p> <p>The following constraints are additional to those specified in Participation Data Specification [NEHT2010i]. Constraints are explained in Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d].</p> <p>Additional obligation and occurrence constraints:</p> <ul style="list-style-type: none"> • Participation Period is PROHIBITED. • LOCATION OF PARTICIPATION is PROHIBITED. • Entity Identifier is ESSENTIAL. • ADDRESS is ESSENTIAL. • Relationship to Subject of Care is PROHIBITED. • EMPLOYMENT DETAIL is PROHIBITED. • DATE OF DEATH DETAIL is PROHIBITED. • Source of Death Notification is PROHIBITED. • Mother's Original Family Name is PROHIBITED.
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Conditions of Use Source	<ul style="list-style-type: none"> Country of Birth is PROHIBITED. State/Territory of Birth is PROHIBITED. Indigenous Status is PROHIBITED. Qualifications is PROHIBITED. <p>Other additional constraints:</p> <ul style="list-style-type: none"> Participation Type MUST have an implementation-specific fixed value meaning "Subject". The value of Entity Identifier SHOULD be an Australian IHI. ADDRESS MUST have an Address Purpose value of "Residential" or "Temporary Accommodation". PERSON OR ORGANISATION OR DEVICE MUST be instantiated as a PERSON. <p>NEHTA</p>
---------------------------------	--

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE RECORD	Essential		Single

3.2 DISPENSER

Identification

Name	DISPENSER
Metadata Type	Data Group
Identifier	DG-10296
OID	1.2.36.1.2001.1001.101.102.10296
External Identifier	AS 4846-2006 [SA2006a]

Definition

Definition	The healthcare provider who made the therapeutic good available.
Definition Source	NEHTA
Synonymous Names	

Usage

Conditions of Use	<p>These are described in more detail in A.2: Dispenser.</p> <p>This is a reuse of the PARTICIPATION data group, which is described in Participation Data Specification [NEHT2010i].</p> <p>The following constraints are additional to those specified in Participation Data Specification [NEHT2010i]. Constraints are explained in Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d].</p> <p>Additional obligation and occurrence constraints:</p> <ul style="list-style-type: none"> • Participation Period is PROHIBITED. • LOCATION OF PARTICIPATION is PROHIBITED. • Entity Identifier is ESSENTIAL. • Relationship to Subject of Care is PROHIBITED. • EMPLOYMENT DETAIL is PROHIBITED. • Date of Birth is Calculated From Age is PROHIBITED. • AGE DETAIL is PROHIBITED. • Birth Plurality is PROHIBITED. • Birth Order is PROHIBITED. • DATE OF DEATH DETAIL is PROHIBITED. • Source of Death Notification is PROHIBITED.
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- Mother's Original Family Name is **PROHIBITED**.
 - Country of Birth is **PROHIBITED**.
 - State/Territory of Birth is **PROHIBITED**.
 - Indigenous Status is **PROHIBITED**.
 - ENTITLEMENT is **ESSENTIAL**.
- Other additional constraints:
- Participation Type **MUST** have a fixed value of "Performer".
 - Role **MUST** have a fixed value of "Dispenser".
 - The value of Entity Identifier **SHOULD** be an Australian HPI-I.
 - AUSTRALIAN OR INTERNATIONAL ADDRESS **MUST** be instantiated as an AUSTRALIAN ADDRESS.
 - PERSON OR ORGANISATION OR DEVICE **MUST** be instantiated as a PERSON.

Conditions of Use Source

NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE RECORD	Essential		Single

3.3 DISPENSING ORGANISATION

Identification

Name	DISPENSING ORGANISATION
Metadata Type	Data Group
Identifier	DG-10296
OID	1.2.36.1.2001.1001.101.102.10296
External Identifier	AS 4846-2006 [SA2006a]

Definition

Definition	The organisation which the dispenser is working for when they dispense the item.
Definition Source	NEHTA
Synonymous Names	


Usage

Conditions of Use	<p>These are described in more detail in A.3: Dispensing Organisation.</p> <p>This is a reuse of the PARTICIPATION data group, which is described in Participation Data Specification [NEHT2010j].</p> <p>The following constraints are additional to those specified in Participation Data Specification [NEHT2010j]. Constraints are explained in Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d].</p> <p>Additional obligation and occurrence constraints:</p> <ul style="list-style-type: none"> • Participation Period is PROHIBITED. • Location of Participation is PROHIBITED. • Entity Identifier is ESSENTIAL. • ADDRESS is ESSENTIAL. • ADDRESS is SINGLE. • ELECTRONIC COMMUNICATION DETAIL is ESSENTIAL. <p>Other additional constraints:</p> <ul style="list-style-type: none"> • Participation Type MUST have a fixed value of "Performer". • Role MUST have a fixed value of "Dispensing Organisation". • The value of Entity Identifier SHOULD be an Australian HPI-O.
--------------------------	--

<p>Conditions of Use Source</p>	<ul style="list-style-type: none"> • AUSTRALIAN OR INTERNATIONAL ADDRESS MUST be instantiated as an AUSTRALIAN ADDRESS. • ADDRESS MUST have an Address Purpose value of “Business”. • PERSON OR ORGANISATION OR DEVICE MUST be instantiated as an ORGANISATION. • If Claim Category Type has a value other than “No benefit”, then one ENTITLEMENT MUST have a Medicare Pharmacy Approval Number as a value. <p>NEHTA</p>
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE RECORD	Essential		Single



3.4 DateTime of Dispense Event

Identification

Name	DateTime of Dispense Event
Metadata Type	Data Element
Identifier	DE-16216
OID	1.2.36.1.2001.1001.101.103.16216

Definition


Definition	The date (and optionally time) when an authorised pharmacist or dispenser dispensed (or attempted to dispense) a prescribed item.
Definition Source	NEHTA
Synonymous Names	
Data Type	DateTime

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE RECORD	Essential		Single

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4 Dispense Item

4.1 DISPENSE ITEM

Identification


Name	DISPENSE ITEM
Metadata Type	Data Group
Identifier	DG-10120
OID	1.2.36.1.2001.1001.101.102.10120

Definition


Definition	Details of a therapeutic good with its use by a subject of care and related information.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE RECORD	Essential		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
ID	Dispense Item Identifier	Essential		Single
ID	Prescription Item Identifier	Essential		Single
T/T_{one}	Therapeutic Good Identification	Essential		Single
T	Formula	Optional		Single
T	Quantity of Therapeutic Good	Essential		Single
	DISPENSING INFORMATION	Essential		Single

Data Type	Name	Obligation	Condition	Occurrence
T	Additional Comments	Optional		Single

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4.2 Dispense Item Identifier

Identification

Name	Dispense Item Identifier
Metadata Type	Data Element
Identifier	DE-16104
OID	1.2.36.1.2001.1001.101.103.16104

Definition


Definition	A string generated by an EDS (Electronic Dispensing System) to uniquely identify the information about a therapeutic good which is included within a dispense record.
Definition Source	NEHTA
Synonymous Names	
Data Type	UniquelIdentifier

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Essential		Single

4.3 Prescription Item Identifier

Identification

Name	Prescription Item Identifier
Metadata Type	Data Element
Identifier	DE-10136
OID	1.2.36.1.2001.1001.101.103.10136

Definition


Definition	A string generated by an EPS (Electronic Prescribing System) to uniquely identify information about a therapeutic good that is included within a prescription.
Definition Source	NEHTA
Synonymous Names	
Data Type	UniquelIdentifier

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Essential		Single

4.4 Therapeutic Good Identification

Identification

Name	Therapeutic Good Identification
Metadata Type	Data Element
Identifier	DE-10194
OID	1.2.36.1.2001.1001.101.103.10194

Definition

Definition	<p>Identifies a therapeutic good, which is broadly defined as a good which is represented in any way to be, or is likely to be taken to be, for therapeutic use (unless specifically excluded or included under Section 7 of the Therapeutic Goods Act 1989).</p> <p>Therapeutic use means use in or in connection with:</p> <ul style="list-style-type: none"> • preventing, diagnosing, curing or alleviating a disease, ailment, defect or injury; • influencing, inhibiting or modifying a physiological process; • testing the susceptibility of persons to a disease or ailment; • influencing, controlling or preventing conception; • testing for pregnancy; or • replacement or modification of parts of the anatomy.
Definition Source	Therapeutic Goods Administration
Synonymous Names	Item Name
Notes	The formal definition of a therapeutic good (from the Therapeutic Goods Act 1989) can be found at: [TGA2008a] .
Data Type	CodeableText
Value Domain	Therapeutic Good Identification Values

Usage

Conditions of Use	<p>Where the therapeutic good can be identified by an AMT (Australian Medicines Terminology) concept, this must be the AMT ConceptID and Preferred Term. For details see Therapeutic Good Identification Values.</p> <p>For items without an AMT code (including some extemporaneous preparations), a text description is suitable. For a medication this must include the name of the medication (brand name or generic name equivalent), strength and dose form, where appropriate.</p>
Conditions of Use Source	NEHTA

Examples

Some examples of AMT ConceptID and their AMT Preferred Term are:


1. 234184011000036115, Panadeine Forte tablet: uncoated, 20 tablets
2. 192727011000036112, Panadeine Forte (paracetamol 500 mg + codeine phosphate 30 mg) tablet: uncoated, 1 tablet
3. 278453011000036118, Panadeine Forte tablet: uncoated, 20 tablets, blister pack
4. 186324011000036116, Eloflex (2480) (bandage compression 10 cm x 3.5 m) bandage: high stretch, 1 bandage

Misuse

Detailing the formula of a compounded (extemporaneous) medication.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Essential		Single

4.5 Therapeutic Good Identification Values

Identification

Name	Therapeutic Good Identification Values
Metadata Type	Value Domain
Identifier	VD-16115
OID	1.2.36.1.2001.1001.101.104.16115

Definition


Definition	<p>The set of values consists of ConceptIDs and Preferred Terms from AMT (Australian Medicines Terminology) concepts which have one of the following modelled relationships:</p> <ul style="list-style-type: none"> • IS A Trade Product Unit of Use (TPUU); • IS A Trade Product Pack (TPP); • IS A Containered Trade Product Pack (CTPP).
Definition Source	NEHTA
Notes	<p>An explanation of AMT concepts can be found in Australian Medicines Terminology Editorial Rules [NEHT2009r].</p> <p>Prescribing and dispensing use different sets of values.</p>

Value Domain

Source	Australian Medicines Terminology
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	Therapeutic Good Identification	Essential		Single

4.6 Formula

Identification

Name	Formula
Metadata Type	Data Element
Identifier	DE-16272
OID	1.2.36.1.2001.1001.101.103.16272

Definition


Definition	The recipe for compounding a medicine.
Definition Source	NEHTA
Synonymous Names	
Data Type	Text

Usage

Examples	<p>1. BORIC ACID, OLIVE OIL AND ZINC OXIDE (BOZ) Ointment:</p> <p>Boric Acid 1% in Paraffin Ointment B.P. 25</p> <p>Olive Oil 25</p> <p>Zinc Oxide Ointment to 100</p>
Misuse	Describing off-the-shelf medications.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Optional		Single

4.7 Quantity of Therapeutic Good

Identification

Name	Quantity of Therapeutic Good
Metadata Type	Data Element
Identifier	DE-10145
OID	1.2.36.1.2001.1001.101.103.10145

Definition


Definition	A statement of the total number of units or physical amount of the therapeutic good that is prescribed, dispensed or supplied to the subject of care.
Definition Source	NEHTA
Synonymous Names	Quantity Supplied Unit of Use Quantity Supplied Dispensed Unit of Use Quantity
Data Type	Text

Usage

Examples	<ol style="list-style-type: none"> “40 tablets” (In the case of 2 packs of 20 tablets.) “10 vials” (In the case of 1 box of 10 vials of an injection, e.g. Injection 600 micrograms in 10 x 1 mL vials.)
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Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Essential		Single

4.8 DISPENSING INFORMATION

Identification


Name	DISPENSING INFORMATION
Metadata Type	Data Group
Identifier	DG-16063
OID	1.2.36.1.2001.1001.101.102.16063

Definition






Definition	Details about the dispensing of the therapeutic good other than the dosage.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Essential		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	Maximum Number of Repeats	Essential		Single
	Brand Substitution Occurred	Essential		Single
	Number of this Dispense	Essential		Single
	Claim Category Type	Essential		Single
	Label Instruction	Optional		Single

4.9 Maximum Number of Repeats

Identification

Name	Maximum Number of Repeats
Metadata Type	Data Element
Identifier	DE-10169
OID	1.2.36.1.2001.1001.101.103.10169

Definition


Definition	The number of times the supply of the prescribed item may be repeated under the terms of the prescription.
Definition Source	NEHTA
Synonymous Names	
Notes	<p>Note that the initial supply under the prescription is not counted as a repeat.</p> <p>PBS and RPBS items specify a maximum number of permitted repeats within the Schedules. This number must not be exceeded on a prescription without the appropriate authorisation.</p> <p>When a prescription for a PBS medicine asks for repeat supplies, the pharmacist shall prepare a Repeat Authorisation Form to be attached to the “Pharmacist/Subject of Care” copy. An exception to this is when the prescription is marked “Regulation 24”, where all repeats are supplied at once with the original prescription. A similar exception is permitted for RPBS prescriptions endorsed with “hardship conditions apply”. The Repeat Authorisation is to be detailed in a separate Structured Document Template.</p>
Data Type	Number

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
Default Value	0

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

4.10 Brand Substitution Occurred

Identification

Name	Brand Substitution Occurred
Metadata Type	Data Element
Identifier	DE-16064
OID	1.2.36.1.2001.1001.101.103.16064

Definition


Definition	Indicates whether or not the substitution of a prescribed medication with a different brand name of the same medication occurred when the medication was dispensed/supplied.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
Misuse	Using this data element for therapeutic substitution. Using this data element for medical appliances.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

4.11 Number of this Dispense

Identification

Name	Number of this Dispense
Metadata Type	Data Element
Identifier	DE-16106
OID	1.2.36.1.2001.1001.101.103.16106

Definition


Definition	A numeric value that represents the dispense number or sequence number that has been reached for a therapeutic good prescribed with repeats. This count includes the first dispense. It has the value 1 when there are no repeats.
Definition Source	NEHTA
Synonymous Names	
Notes	<p>Each prescribed item logically possesses a pre-determined number of times that it may be dispensed; the number is 1 (for the original prescription) + the maximum number of repeats.</p> <p>This data element (<i>Number of this Dispense</i>) indicates which dispensing of the item is being attempted by the dispense act that this dispense record documents.</p> <p>The value of <i>Number of this Dispense</i> is one more than the number of times the prescribed item has successfully been dispensed prior to this dispensing.</p> <p>The value of <i>Number of this Dispense</i> increments by one each time a dispense act is successfully completed.</p> <p>The value of this term is one more than the commonly used term <i>number this repeat</i>.</p>
Data Type	Number

Usage

Examples	See: NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d] .
-----------------	--

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

4.12 Claim Category Type

Identification

Name	Claim Category Type
Metadata Type	Data Element
Identifier	DE-16060
OID	1.2.36.1.2001.1001.101.103.16060

Definition


Definition	Indicates the category of pharmaceutical benefits applicable to the item being dispensed.
Definition Source	NEHTA
Synonymous Names	
Notes	<p>The primary purpose of this data element is to enable the determination of the source of any applicable financial subsidy for the item.</p> <p>Not to be confused with PBS/RPBS Benefit Category Type.</p>
Data Type	CodeableText
Value Domain	Claim Category Type Values

Usage

Conditions of Use	This data element only relates to Dispense Records of successful dispense events.
Conditions of Use Source	NEHTA
Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

4.13 Claim Category Type Values

Identification

Name	Claim Category Type Values
Metadata Type	Value Domain
Identifier	VD-16060
OID	1.2.36.1.2001.1001.101.104.16060

Definition


Definition	The set of values of Claim Category Type.
Definition Source	NEHTA

Value Domain

Source	NEHTA	
Permissible Values	1, G	General benefit.
	2, C	Concessional or Safety Net Concession benefit.
	3, E	Safety Net Entitlement Card benefit.
	4, R	RPBS benefit.
	9, No benefit	This item is not covered by any Medicare registered benefit.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
 T _{Ter}	Claim Category Type	Essential		Single

4.14 Label Instruction

Identification

Name	Label Instruction
Metadata Type	Data Element
Identifier	DE-16109
OID	1.2.36.1.2001.1001.101.103.16109

Definition


Definition	Dispenser instructions to the subject of care concerning the therapeutic good.
Definition Source	NEHTA
Synonymous Names	
Notes	<p>Instructions may include such things as:</p> <ul style="list-style-type: none"> • storage instructions and conditions; • special or cautionary directions associated with preparation or administration of dosages; • action to be taken if a dose is missed; • relevant drug/drug, drug/food, drug/alcohol interaction; or • directions for the correct use of medicine. <p>Such directions will usually be printed on a label and attached to the dispensed container.</p> <p>There are standard cautionary advisory labels developed and maintained by the Pharmaceutical Society of Australia (PSA). These labels are published in The Australian Pharmaceutical Formulary and Handbook [PSA2009a].</p>
Data Type	Text

Usage

Examples	
-----------------	--

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Optional		Single

4.15 Additional Comments

Identification

Name	Additional Comments
Metadata Type	Data Element
Identifier	DE-16044
OID	1.2.36.1.2001.1001.101.103.16044

Definition


Definition	Any additional information that may be needed to ensure the continuity of supply, proper use, or appropriate medication management.
Definition Source	NEHTA
Synonymous Names	
Data Type	Text

Usage

Examples	<ol style="list-style-type: none"> 1. Patient requires an administration aid. 2. Portable Pulse Oximeter measurement to be taken by clipping the sensor onto the tip of a finger. 3. Consulted prescriber concerning dose.
Misuse	Use for information that could be recorded as structured data.

Relationships

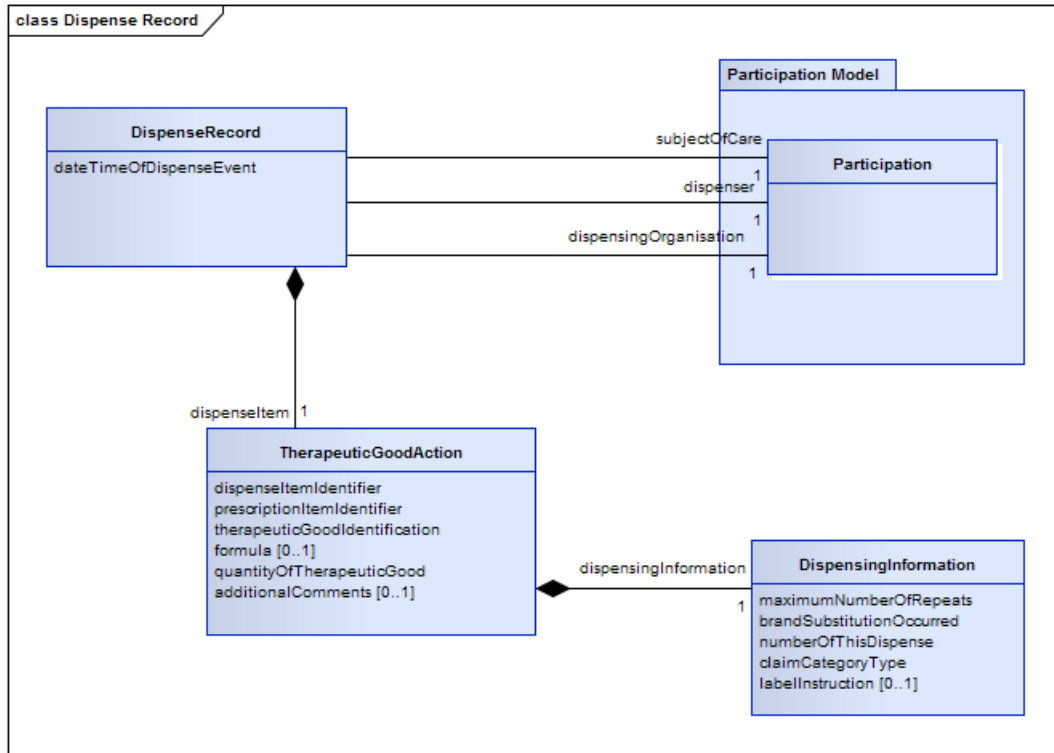
Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSE ITEM	Optional		Single

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5 UML Class Diagram

The following figure presents the data hierarchy using a UML 2.0 class diagram. The diagram displays data groups and data elements, together with their names, data types and multiplicities. Data groups are displayed as classes and data elements are displayed as attributes. The diagram shows the data hierarchy excluding the details of participation. The default multiplicity is 1..1.



UML class diagram of the dispense record data hierarchy.

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Appendix A. Participations
















This appendix details the participation data groups used in the dispense record SDT. Each participation data group is described with a data hierarchy and a list of value constraints. The data hierarchies have been constrained from the general participation data hierarchy, which is described in [Participation Data Specification \[NEHT2010i\]](#). The format of the data hierarchy tables is also explained in [Data Specifications and Structured Document Templates - Guide for Use \[NEHT2010d\]](#). The value constraints have the same form as those in the body of the SDT.




A.1 Subject of Care






















This is a reuse of the PARTICIPATION data group, which is described in [Participation Data Specification \[NEHT2010i\]](#).















The following data hierarchy is the result of constraining that data group for Subject of Care. Constraints on data values are listed after the data hierarchy.

Data Hierarchy

	PARTICIPATION				
		Participation Type		1..1	
		Role		1..1	
		Participation Period		0..0	
		LOCATION OF PARTICIPATION		0..0	
		PARTICIPANT		1..1	
			Entity Identifier	1..1	
			ADDRESS	1..1	
			No Fixed Address Indicator	1..1	
			AUSTRALIAN OR INTERNATIONAL ADDRESS	1..1	
				INTERNATIONAL ADDRESS	0..1
				International Address Line	0..*
				International State/Province	0..1
				International Postcode	0..1
				Country	0..1

					AUSTRALIAN ADDRESS	0..1
				T	Unstructured Australian Address Line	0..*
					STRUCTURED AUSTRALIAN ADDRESS LINE	0..1
				T010	Australian Unit Type	0..1
				T	Australian Unit Number	0..1
				T	Australian Address Site Name	0..1
				T010	Australian Level Type	0..1
				T	Australian Level Number	0..1
				T	Australian Street Number	0..1
				T	Australian Lot Number	0..1
				T	Australian Street Name	0..1
				T010	Australian Street Type	0..1
				T010	Australian Street Suffix	0..1
				T010	Australian Postal Delivery Type	0..1
				T	Australian Postal Delivery Number	0..1
				T/T010	Australian Suburb/Town/Locality	0..1
				T010	Australian State/Territory	0..1
				T010	Australian Postcode	0..1
				ID	Australian Delivery Point Identifier	0..1
			T010	Address Purpose		1..1
				ELECTRONIC COMMUNICATION DETAIL		0..*
			T010	Electronic Communication Medium		1..1
			T010	Electronic Communication Usage Code		0..1
			T	Electronic Communication Address		1..1

		C	PERSON OR ORGANISATION OR DEVICE		1..1
				DEVICE	0..0
				ORGANISATION	0..0
				PERSON	1..1
				PERSON NAME	1..1
				T₀₁₀ Name Title	0..*
				T Family Name	1..1
				T Given Name	0..*
				T₀₁₀ Name Suffix	0..*
				  Preferred Name Indicator	0..1
				T₀₁₀ Person Name Usage	0..1
			T/T₀₁₀	Relationship to Subject of Care	0..0
				EMPLOYMENT DETAIL	0..0
				DEMOGRAPHIC DATA	1..1
				T₀₁₀ Sex	1..1
				DATE OF BIRTH DETAIL	1..1
				 Date of Birth	1..1
				  Date of Birth is Calculated From Age	0..1
				DATE OF BIRTH ACCURACY INDICATOR	0..1
				  Date of Birth Day Accuracy Indicator	1..1
				  Date of Birth Month Accuracy Indicator	1..1
				  Date of Birth Year Accuracy Indicator	1..1
				AGE DETAIL	0..1
				 Age	1..1

						Age Accuracy Indicator	0..1
						Birth Plurality	0..1
						Birth Order	0..1
						DATE OF DEATH DETAIL	0..0
						Source of Death Notification	0..0
						Mothers Original Family Name	0..0
						Country of Birth	0..0
						State/Territory of Birth	0..0
						Indigenous Status	0..0
					ENTITLEMENT		0..*
					Entitlement Number		1..1
					Entitlement Type		1..1
					Entitlement Validity Duration		0..1
					Qualifications		0..0

Constraints on data values

- Participation Type **MUST** have an implementation specific fixed value meaning “Subject”.
- The value of Entity Identifier **SHOULD** be an Australian IHI.
- ADDRESS **MUST** have an Address Purpose value of “Residential” or “Temporary Accommodation”.

Notes





















- The value of Participation Type may be explicit, e.g. recordTarget.typeCode = 'RCT' (Record Target) in HL7 CDA R2, but it may also be implicit in the record structure, e.g. PID segment in HL7 V2. For further information, please see the Participation Type definition in [Participation Data Specification \[NEHT2010j\]](#).
- The value of Role will be an implementation specific value with a meaning of “Patient”, “Client” or similar.
- The subject of care's Medicare card number is recorded in ENTITLEMENT, not Entity Identifier.

A.2 Dispenser

























This is a reuse of the PARTICIPATION data group, which is described in [Participation Data Specification \[NEHT2010\]](#).

The following data hierarchy is the result of constraining that data group for Dispenser. Constraints on data values are listed after the data hierarchy.

Data Hierarchy

	PARTICIPATION				
		Participation Type		1..1	
		Role		0..0	
		Participation Period		0..0	
		LOCATION OF PARTICIPATION		0..0	
		PARTICIPANT		1..1	
			Entity Identifier	1..1	
			ADDRESS	0..1	
			No Fixed Address Indicator	1..1	
			AUSTRALIAN OR INTERNATIONAL ADDRESS	1..1	
			INTERNATIONAL ADDRESS	0..0	
			AUSTRALIAN ADDRESS	1..1	
				Unstructured Australian Address Line	0..*
				STRUCTURED AUSTRALIAN ADDRESS LINE	0..1
				Australian Unit Type	0..1
				Australian Unit Number	0..1
				Australian Address Site Name	0..1
				Australian Level Type	0..1
				Australian Level Number	0..1
				Australian Street Number	0..1

						T	Australian Lot Number	0..1
						T	Australian Street Name	0..1
						T010	Australian Street Type	0..1
						T010	Australian Street Suffix	0..1
						T010	Australian Postal Delivery Type	0..1
						T	Australian Postal Delivery Number	0..1
						T/T_{ext}	Australian Suburb/Town/Locality	0..1
						T010	Australian State/Territory	0..1
						T010	Australian Postcode	0..1
						ID	Australian Delivery Point Identifier	0..1
			T010	Address Purpose				1..1
		E	ELECTRONIC COMMUNICATION DETAIL					0..*
			T010	Electronic Communication Medium				1..1
			T010	Electronic Communication Usage Code				0..1
			T	Electronic Communication Address				1..1
		C	PERSON OR ORGANISATION OR DEVICE					1..1
			E	DEVICE				0..0
			E	ORGANISATION				0..0
			E	PERSON				1..1
				E	PERSON NAME			1..1
					T010	Name Title		0..*
					T	Family Name		1..1
					T	Given Name		0..*
					T010	Name Suffix		0..*

					Preferred Name Indicator	0..1
					Person Name Usage	0..1
					Relationship to Subject of Care	0..0
					EMPLOYMENT-DETAIL	0..0
					DEMOGRAPHIC DATA	1..1
					Sex	1..1
					DATE OF BIRTH DETAIL	1..1
					Date of Birth	1..1
					Date of Birth is Calculated From Age	0..0
					DATE OF BIRTH ACCURACY INDICATOR	0..0
					AGE-DETAIL	0..0
					Birth-Plurality	0..0
					Birth-Order	0..0
					DATE OF DEATH DETAIL	0..0
					Source of Death Notification	0..0
					Mothers-Original-Family-Name	0..0
					Country of Birth	0..0
					State/Territory of Birth	0..0
					Indigenous-Status	0..0
			ENTITLEMENT			1..*
			Entitlement Number			1..1
			Entitlement Type			1..1
			Entitlement Validity Duration			0..1
			Qualifications			0..1

Constraints on data values

- Participation Type **MUST** have an implementation specific fixed value meaning “Dispenser”.
- The value of Entity Identifier **SHOULD** be an Australian HPI-I.

Notes

- The value of Participation Type may be explicit, e.g. author.typeCode = 'AUT' (Author) in HL7 CDA R2, but it may also be implicit in the record structure, e.g. some HL7 V2 segments. For further information, please see the Participation Type definition in [Participation Data Specification \[NEHT2010j\]](#).
- The value of Role will be an implementation specific value with a meaning of “Pharmacist” or a similar occupation from the ANSCO.












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A.3 Dispensing Organisation



This is a reuse of the PARTICIPATION data group, which is described in [Participation Data Specification \[NEHT2010\]](#).

The following data hierarchy is the result of constraining that data group for Dispensing Organisation. Constraints on data values are listed after the data hierarchy.

Data Hierarchy

	PARTICIPATION				
		T ₀₁₀	Participation Type	!	
		T ₀₁₀	Role	!	
			Participation Period	X	
	LOCATION OF PARTICIPATION			X	
	PARTICIPANT			!	
		ID	Entity Identifier	!	
			ADDRESS	!	
			No Fixed Address Indicator	!	
		C	AUSTRALIAN OR INTERNATIONAL ADDRESS	!	
			INTERNATIONAL ADDRESS	X	
			AUSTRALIAN ADDRESS	!	
			T	Unstructured Australian Address Line	0
				STRUCTURED AUSTRALIAN ADDRESS LINE	0
			T ₀₁₀	Australian Unit Type	0
			T	Australian Unit Number	0
			T	Australian Address Site Name	0
			T ₀₁₀	Australian Level Type	0
			T	Australian Level Number	0
			T	Australian Street Number	0

						T	Australian Lot Number	O
						T	Australian Street Name	O
						T010	Australian Street Type	O
						T010	Australian Street Suffix	O
						T010	Australian Postal Delivery Type	O
						T	Australian Postal Delivery Number	O
						T/T _{ext}	Australian Suburb/Town/Locality	O
						T010	Australian State/Territory	O
						T010	Australian Postcode	O
						ID	Australian Delivery Point Identifier	O
						T010	Address Purpose	!
						FE	ELECTRONIC COMMUNICATION DETAIL	!↻
						T010	Electronic Communication Medium	!
						T010	Electronic Communication Usage Code	O
						T	Electronic Communication Address	!
						C	PERSON OR ORGANISATION OR DEVICE	!
						FE	DEVICE	X
						FE	ORGANISATION	!
						T	Organisation Name	!
						T	Department/Unit	O
						T010	Organisation Name Usage	O
						FE	PERSON	X
						FE	ENTITLEMENT	0↻
						ID	Entitlement Number	!

			 Entitlement Type	!
			 Entitlement Validity Duration	O
		T	Qualifications	O

Constraints on data values

- Participation Type **MUST** have an implementation specific fixed value meaning “Dispensary”.
- The value of Entity Identifier **SHOULD** be an Australian HPI-O.
- ADDRESS **MUST** have an Address Purpose value of “Business”.
- If Claim Category Type has a value other than “No benefit”, then one ENTITLEMENT **MUST** have a Medicare Pharmacy Approval Number as a value.

Notes

- The value of Participation Type may be explicit, e.g. author.typeCode = 'AUT' (Author) in HL7 CDA R2, but it may also be implicit in the record structure, e.g. some HL7 V2 segments. For further information, please see the Participation Type definition in [Participation Data Specification \[NEHT2010i\]](#).
- The value of Role will be an implementation specific value with a meaning of “Pharmacy” or similar.

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