

# nehta

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## **ePrescription Structured Document Template**

Version 3.0 — 31 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	31 Jul 2010	Public Release - For Consultation.
3.0	31 Aug 2010	Use Participation v3. Other minor changes.

### Related documents

Name	Version/Release Date
<a href="#">Data Types in NEHTA Specifications</a>	Version 1.0, Issued 30 June 2010
<a href="#">Data Specifications and Structured Document Templates - Guide for Use</a>	Version No. 1.1, Issued 7 June 2010
<a href="#">Participation Data Specification</a>	Version 3.0, Issued November 2010
<a href="#">Prescription Request Structured Document Template</a>	Version 1.0, Issued November 2010
<a href="#">Dispense Record Structured Document Template</a>	Version 3.0, Issued November 2010
<a href="#">ePrescription CDA Implementation Guide</a>	Version 2.0, Issued November 2010

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- Standards Australia;
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- Australian Institute of Health & Welfare; and
- Ocean Informatics.

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# 1 Introduction

This document is a Structured Document Template (SDT) for an electronic prescription (ePrescription). It specifies the information structure of NEHTA-compliant electronic prescriptions 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](mailto:medication.management@nehta.gov.au).

## 1.1 Document Purpose

This document describes the structured document template for an electronic prescription, an *ePrescription*, from a clinical communication perspective.

For the purposes of this document:

*Electronic Prescription means an electronic prescription which is generated in accordance with a process by which a prescription is electronically generated by a prescriber, authenticated (electronically signed), securely transmitted (either directly or indirectly) for dispensing and supply, seamlessly integrated into the pharmacy dispensing software and, in the case of Pharmaceutical Benefits Scheme (PBS) prescriptions, is available to be electronically sent to Medicare Australia for claiming purposes. This definition does not preclude the use of paper-based processes to support ePrescribing activity.*

[\[DHA2010a\]](#)

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 ePrescription CDA Implementation Guide \[NEHT2010m\]](#), which describes how to implement NEHTA-compliant electronic prescriptions 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

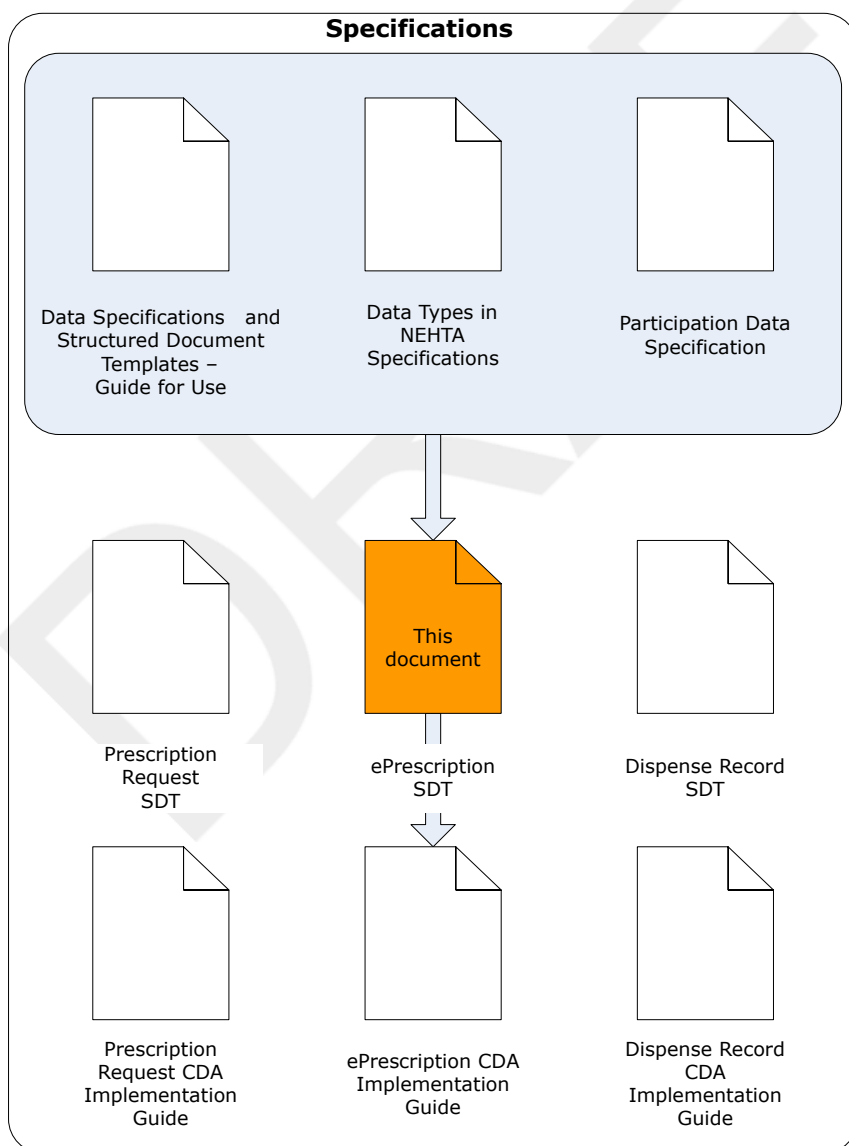
The overall process of prescribing and dispensing is described in [ETP Release 1.1 Concept of Operations \[NEHT2010p\]](#).

The processes behind ePrescriptions 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 in any 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.

## 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 \[NEHT2010j\]](#).
4. [NEHTA Prescription Request Structured Document Template \[NEHT2010k\]](#).
5. [NEHTA Dispense Record Structured Document Template \[NEHT2010l\]](#).
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 an electronic prescription 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; and
- 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 ePrescription SDT Version 2.0.

1. A prescription can now have only a single prescription item.
2. The data elements *Date Time Prescription Written* and *Date Time Prescription Expires* have been moved from *CONTEXT* to *PRESCRIPTION ITEM*.
3. The data element *Therapeutic Good Description* has been renamed to *Therapeutic Good Identification*.
4. The data element *Formula* has been added to *PRESCRIPTION ITEM* to capture details of extemporaneous preparations.
5. The data element *Instructions for Use* has been added to *PRESCRIPTION ITEM* to capture details of the use of a non-medicine therapeutic good.
6. The data element *Concurrent Supply Grounds* has been renamed to *Grounds for Concurrent Supply*.
7. The data element *Reason for Therapeutic Good* has been added.

8. The data element *State of the Subject of Care* has been removed from *Body Height* and *Body Weight* as it is not of use in prescriptions.
9. The data groups *BODY WEIGHT* and *BODY HEIGHT* have been grouped into a section (*OBSERVATIONS*), to improve the structure of the template.
10. The data group *PRESCRIPTION NOTE DETAIL* can now only occur once, and no longer contains the data items *Date Time Prescription Note Created* or *PRESCRIPTION NOTE AUTHOR*.
11. The latest version of Participation ([\[NEHT2010j\]](#)) is now used.
12. 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.

# 2 ePrescription Structured Document

## 2.1 EPRESCRIPTION





### Identification












<b>Name</b>	EPRESCRIPTION
<b>Metadata Type</b>	Structured Document
<b>Identifier</b>	SD-16100
<b>OID</b>	1.2.36.1.2001.1001.101.100.16100





### Definition

<b>Definition</b>	<p>An ePrescription is an electronic prescription defined as follows:</p> <p>Electronic Prescription means an electronic prescription which is generated in accordance with a process by which a prescription is electronically generated by a prescriber, authenticated (electronically signed), securely transmitted (either directly or indirectly) for dispensing and supply, seamlessly integrated into the pharmacy dispensing software and, in the case of Pharmaceutical Benefits Scheme (PBS) prescriptions, is available to be electronically sent to Medicare Australia for claiming purposes. This definition does not preclude the use of paper-based processes to support ePrescribing activity <a href="#">[DHA2010a]</a>.</p>
<b>Definition Source</b>	Department of Health and Ageing
<b>Synonymous Names</b>	
<b>Scope</b>	This is limited to prescriptions made by an authorised medical practitioner for dispensing by a pharmacist.
<b>Scope Source</b>	NEHTA

### Data Hierarchy

	EPRESCRIPTION	1..1
CONTEXT		
	SUBJECT OF CARE	1..1
	PRESCRIBER	1..1
	PRESCRIBER ORGANISATION	1..1
<b>ID</b>	Prescription Identifier	1..1

CONTENT			
		PRESCRIPTION ITEM	1..1
		DateTime Prescription Written	1..1
		DateTime Prescription Expires	1..1
	<b>ID</b>	Prescription Item Identifier	1..1
	<b>T</b> <sub>Ter</sub>	Therapeutic Good Identification	1..1
	<b>T</b>	Formula	0..1
		DOSAGE	0..1
	<b>T</b>	Dose Instruction	1..1
	<b>T</b>	Instructions for Use	0..1
	<b>T</b>	Quantity of Therapeutic Good	1..1
		DISPENSING INFORMATION	1..1
		Brand Substitute Allowed	1..1
	<b>123</b>	Maximum Number of Repeats	1..1
		Minimum Interval Between Repeats	0..1
	<b>T</b> <sub>010</sub>	PBS/RPBS Benefit Category Type	1..1
	<b>T</b> <sub>010</sub>	Grounds for Concurrent Supply	0..1
	<b>T</b>	PBS/RPBS Authority Approval Number	0..1
	<b>T</b>	State Authority Number	0..1
	<b>T</b>	Reason for Therapeutic Good	0..1
	<b>T</b>	Additional Comments	0..1
		OBSERVATIONS	0..1
		BODY WEIGHT	0..1
		Body Weight Value	1..1
		DateTime of Observation	1..1

			BODY HEIGHT	0..1
			Body Height Value	1..1
			DateTime of Observation	1..1
			PRESCRIPTION NOTE DETAIL	0..1
		<b>T</b>	Note	1..1

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# 3 ePrescription Context

## 3.1 SUBJECT OF CARE

### Identification

<b>Name</b>	SUBJECT OF CARE
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-10296
<b>OID</b>	1.2.36.1.2001.1001.101.102.10296
<b>External Identifier</b>	AS 5017-2006 <a href="#">[SA2006b]</a>

### Definition

<b>Definition</b>	The person the prescription is for. The intended recipient of the prescribed items.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Patient Healthcare Individual

### Usage

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

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">EPRESCRIPTION</a>	Essential		Single

## 3.2 PRESCRIBER

### Identification

<b>Name</b>	PRESCRIBER
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-10296
<b>OID</b>	1.2.36.1.2001.1001.101.102.10296
<b>External Identifier</b>	AS 4846-2006 <a href="#">[SA2006a]</a>

### Definition

<b>Definition</b>	The healthcare provider who wrote the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	

### Usage

<b>Conditions of Use</b>	<p>These are described in more detail in <a href="#">A.2: Prescriber</a>.</p> <p>This is a reuse of the PARTICIPATION data group, which is described in <a href="#">Participation Data Specification [NEHT2010j]</a>.</p> <p>The following constraints are additional to those specified in <a href="#">Participation Data Specification [NEHT2010j]</a>. Constraints are explained in <a href="#">Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a>.</p> <p>Additional obligation and occurrence constraints:</p> <ul style="list-style-type: none"> <li>• Participation Period is <b>PROHIBITED</b>.</li> <li>• LOCATION OF PARTICIPATION is <b>PROHIBITED</b>.</li> <li>• Entity Identifier is <b>ESSENTIAL</b>.</li> <li>• Relationship to Subject of Care is <b>PROHIBITED</b>.</li> <li>• EMPLOYER ORGANISATION is <b>PROHIBITED</b>.</li> <li>• Employment Type is <b>PROHIBITED</b>.</li> <li>• Occupation is <b>ESSENTIAL</b>.</li> <li>• Position In Organisation is <b>PROHIBITED</b>.</li> <li>• Date of Birth is Calculated From Age is <b>PROHIBITED</b>.</li> <li>• DATE OF BIRTH ACCURACY INDICATOR is <b>PROHIBITED</b>.</li> <li>• AGE DETAIL is <b>PROHIBITED</b>.</li> </ul>
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- Birth Plurality is **PROHIBITED**.
  - Birth Order is **PROHIBITED**.
  - DATE OF DEATH DETAIL is **PROHIBITED**.
  - Source of Death Notification is **PROHIBITED**.
  - 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 an implementation specific fixed value meaning "Prescriber".
  - The value of Entity Identifier **MUST** 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.
  - There **MUST** be one ENTITLEMENT with a Medicare Prescriber Number as its value.
  - There **MAY** be additional ENTITLEMENTS, but they **MUST NOT** have a Medicare Prescriber Number as a value.

**Conditions of Use Source**

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## Relationships

**Parents**

Data Type	Name	Obligation	Condition	Occurrence
	EPRESCRIPTION	Essential		Single

## 3.3 PRESCRIBER ORGANISATION

### Identification

<b>Name</b>	PRESCRIBER ORGANISATION
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-10296
<b>OID</b>	1.2.36.1.2001.1001.101.102.10296
<b>External Identifier</b>	AS 4846-2006 <a href="#">[SA2006a]</a>

### Definition

<b>Definition</b>	The organisation which the prescriber is working for when they write the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	


### Usage

<b>Conditions of Use</b>	<p>These are described in more detail in <a href="#">A.3: Prescriber Organisation</a>.</p> <p>This is a reuse of the PARTICIPATION data group, which is described in <a href="#">Participation Data Specification [NEHT2010j]</a>.</p> <p>The following constraints are additional to those specified in <a href="#">Participation Data Specification [NEHT2010j]</a>. Constraints are explained in <a href="#">Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a>.</p> <p>Additional obligation and occurrence constraints:</p> <ul style="list-style-type: none"> <li>• Participation Period is <b>PROHIBITED</b>.</li> <li>• Location of Participation is <b>PROHIBITED</b>.</li> <li>• Entity Identifier is <b>ESSENTIAL</b>.</li> <li>• ADDRESS is <b>ESSENTIAL</b>.</li> <li>• ADDRESS is <b>SINGLE</b>.</li> <li>• ELECTRONIC COMMUNICATION DETAIL is <b>ESSENTIAL</b>.</li> <li>• ENTITLEMENT is <b>PROHIBITED</b>.</li> </ul> <p>Other additional constraints:</p> <ul style="list-style-type: none"> <li>• Participation Type <b>MUST</b> have a fixed value of "Prescribary".</li> <li>• The value of Entity Identifier <b>MUST</b> be an Australian HPI-O.</li> </ul>
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Conditions of Use Source	<ul style="list-style-type: none"> <li>• AUSTRALIAN OR INTERNATIONAL ADDRESS <b>MUST</b> be instantiated as an AUSTRALIAN ADDRESS.</li> <li>• ADDRESS <b>MUST</b> have an Address Purpose value of “Business”.</li> <li>• At least one ELECTRONIC COMMUNICATION DETAIL <b>MUST</b> have Electronic Communication Medium with a value of “Telephone” or “Mobile”.</li> <li>• PERSON OR ORGANISATION OR DEVICE <b>MUST</b> be instantiated as an ORGANISATION.</li> </ul>
	NEHTA

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	EPRESCRIPTION	Essential		Single

## 3.4 Prescription Identifier

### Identification

<b>Name</b>	Prescription Identifier
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16092
<b>OID</b>	1.2.36.1.2001.1001.101.103.16092

### Definition


<b>Definition</b>	A string generated by an EPS (Electronic Prescribing System) to uniquely identify a prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	UniquelIdentifier

### Usage

<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .
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## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">EPRESCRIPTION</a>	Essential		Single

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# 4 Prescription Item

## 4.1 PRESCRIPTION ITEM

### Identification

<b>Name</b>	PRESCRIPTION ITEM
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16211
<b>OID</b>	1.2.36.1.2001.1001.101.102.16211

### Definition


<b>Definition</b>	Details of a therapeutic good with its use by a subject of care and related information.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Prescribed Item

### Usage




<b>Misuse</b>	Recording stock on hand of a therapeutic good.
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## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">EPRESCRIPTION</a>	Essential		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">DateTime Prescription Written</a>	Essential		Single
	<a href="#">DateTime Prescription Expires</a>	Essential		Single
<b>ID</b>	<a href="#">Prescription Item Identifier</a>	Essential		Single
	<a href="#">Therapeutic Good Identification</a>	Essential		Single

Data Type	Name	Obligation	Condition	Occurrence
T	Formula	Optional		Single
	DOSAGE	Optional		Single
T	Instructions for Use	Optional		Single
T	Quantity of Therapeutic Good	Essential		Single
	DISPENSING INFORMATION	Essential		Single
T <sub>010</sub>	PBS/RPBS Benefit Category Type	Essential		Single
T <sub>010</sub>	Grounds for Concurrent Supply	Optional		Single
T	PBS/RPBS Authority Approval Number	Optional		Single
T	State Authority Number	Optional		Single
T	Reason for Therapeutic Good	Optional		Single
T	Additional Comments	Optional		Single

## 4.2 DateTime Prescription Written

### Identification

<b>Name</b>	DateTime Prescription Written
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16091
<b>OID</b>	1.2.36.1.2001.1001.101.103.16091

### Definition


<b>Definition</b>	The date (and optionally time) of the completion of the writing of the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	In common practice this is the date the prescription was signed by the prescriber.
<b>Data Type</b>	DateTime

### Usage

<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .
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## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.3 DateTime Prescription Expires

### Identification

<b>Name</b>	DateTime Prescription Expires
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10104
<b>OID</b>	1.2.36.1.2001.1001.101.103.10104

### Definition


<b>Definition</b>	The date (and optionally time) after which the prescription can no longer be dispensed against.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	<p>The prescription expiry date will be dependent on local, national rules and controlled by protocols. As an example, the prescriptions issued under the Pharmaceutical Benefits Schedule usually expire after 12 months. Local policy may shorten this timeframe (e.g. to 6 months for Schedule 8 drugs).</p> <p>The Prescriber may nominate an expiry date that falls within the default expiry period.</p>
<b>Data Type</b>	DateTime

### Usage

<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .
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## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.4 Prescription Item Identifier

### Identification

<b>Name</b>	Prescription Item Identifier
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10136
<b>OID</b>	1.2.36.1.2001.1001.101.103.10136

### Definition


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

### Usage

<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .
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## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.5 Therapeutic Good Identification

### Identification

<b>Name</b>	Therapeutic Good Identification
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10194
<b>OID</b>	1.2.36.1.2001.1001.101.103.10194

### Definition

<b>Definition</b>	<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"> <li>• preventing, diagnosing, curing or alleviating a disease, ailment, defect or injury;</li> <li>• influencing, inhibiting or modifying a physiological process;</li> <li>• testing the susceptibility of persons to a disease or ailment;</li> <li>• influencing, controlling or preventing conception;</li> <li>• testing for pregnancy; or</li> <li>• replacement or modification of parts of the anatomy.</li> </ul>
<b>Definition Source</b>	Therapeutic Goods Administration
<b>Synonymous Names</b>	Item Name
<b>Context</b>	This includes medications and medical devices. It includes drugs, appliances, dressings and reagents.
<b>Context Source</b>	NEHTA
<b>Notes</b>	The formal definition of a therapeutic good (from the Therapeutic Goods Act 1989) can be found at: <a href="#">[TGA2008a]</a> .
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	<a href="#">Therapeutic Good Identification Values</a>


### Usage

<b>Conditions of Use</b>	<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 <a href="#">Therapeutic Good Identification Values</a>.</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</p>
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<b>Conditions of Use Source</b>	medication (brand name or generic name equivalent), strength and dose form, where appropriate. NEHTA
<b>Examples</b>	Some examples of AMT ConceptID and their AMT Preferred Term are: <ol style="list-style-type: none"> <li>1. 293049011000036110, Paracetamol 500 mg + codeine phosphate 30 mg tablet</li> <li>2. 327004011000036118, Paracetamol 500 mg + codeine phosphate 30 mg tablet, 20</li> <li>3. 234184011000036115, Panadeine Forte tablet: uncoated, 20 tablets</li> <li>4. 192727011000036112, Panadeine Forte (paracetamol 500 mg + codeine phosphate 30 mg) tablet: uncoated, 1 tablet</li> <li>5. 278453011000036118, Panadeine Forte tablet: uncoated, 20 tablets, blister pack</li> <li>6. 315236011000036113, Bandage compression 10 cm x 3.5 m bandage: high stretch, 1 bandage</li> <li>7. 186324011000036116, Eloflex (2480) (bandage compression 10 cm x 3.5 m) bandage: high stretch, 1 bandage</li> </ol>
<b>Misuse</b>	Detailing the formula of a compounded (extemporaneous) medication.

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.6 Therapeutic Good Identification Values

### Identification

<b>Name</b>	Therapeutic Good Identification Values
<b>Metadata Type</b>	Value Domain
<b>Identifier</b>	VD-16115
<b>OID</b>	1.2.36.1.2001.1001.101.104.16115

### Definition


<b>Definition</b>	<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"> <li>• <b>IS A</b> Medicinal Product Unit of Use (MPUU);</li> <li>• <b>IS A</b> Medicinal Product Pack (MPP);</li> <li>• <b>IS A</b> Trade Product Unit of Use (TPUU);</li> <li>• <b>IS A</b> Trade Product Pack (TPP);</li> <li>• <b>IS A</b> Containered Trade Product Pack (CTPP).</li> </ul> <p>Specifically for MPUU: only MPUU concepts that have no children MPUU are to be included. Where an MPUU concept is a parent of another MPUU, the parent MPUU is to be omitted.</p>
<b>Definition Source</b>	NEHTA
<b>Notes</b>	<p>An explanation of AMT concepts can be found in <a href="#">Australian Medicines Terminology Editorial Rules [NEHT2009r]</a>.</p> <p>Prescribing and dispensing use different sets of values.</p>

### Value Domain

<b>Source</b>	Australian Medicines Terminology
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### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
 T <sub>210</sub>	<a href="#">Therapeutic Good Identification</a>	Essential		Single

## 4.7 Formula

### Identification

<b>Name</b>	Formula
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16272
<b>OID</b>	1.2.36.1.2001.1001.101.103.16272

### Definition


<b>Definition</b>	The recipe for compounding a medicine.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	Text

### Usage

<b>Examples</b>	<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>
<b>Misuse</b>	Describing off-the-shelf medications.

## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Optional		Single

## 4.8 DOSAGE

### Identification

<b>Name</b>	DOSAGE
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16007
<b>OID</b>	1.2.36.1.2001.1001.101.102.16007

### Definition


<b>Definition</b>	The regimen governing the amount (in a single administration, i.e. dose quantity), the frequency, the route, and the number of doses of a therapeutic agent to be administered to a subject of care.
<b>Definition Source</b>	Based on Mosby's Medical Dictionary, 8th Edition [ <a href="#">MOSB2008a</a> ].
<b>Synonymous Names</b>	
<b>Scope</b>	This data group is used to provide details of dose instructions for medication dispensing and administration.
<b>Scope Source</b>	NEHTA
<b>Notes</b>	<p>The dosage data group in this release of the SDT is designed to support simple dosage instructions. Clinical input is being sought to modify the data group in order to support more complex dosing instructions such as variable and alternate dosing and multi-component medicines. This is an evolving process and will be supported by the development of an implementation guide outlining how the dosage data group is to be implemented.</p> <p>In the meantime, implementers may wish to examine the <a href="#">NHS Dose Syntax Model [NHS2009a]</a>. That model, while different to this data group, provides many similarities.</p>

### Usage

<b>Conditions of Use</b>	If the Therapeutic Good is a medication, this is <b>ESSENTIAL</b> , otherwise it is <b>PROHIBITED</b> .
<b>Conditions of Use Source</b>	NEHTA
<b>Misuse</b>	Using this data group for non-medication items, such as bandages. Instruction on the use of non-medication items can be recorded as text in the <a href="#">Instructions for Use</a> data element.

# Relationships

## Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Optional		Single

## Children

Data Type	Name	Obligation	Condition	Occurrence
T	<a href="#">Dose Instruction</a>	Essential		Single

## 4.9 Dose Instruction

### Identification

<b>Name</b>	Dose Instruction
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16008
<b>OID</b>	1.2.36.1.2001.1001.101.103.16008

### Definition


<b>Definition</b>	A description of the dose quantity, frequency, route instruction and cautionary advice that determines how the prescribed therapeutic substance is administered to, or taken by, the subject of care.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Dosage Instruction
<b>Data Type</b>	Text

### Usage

<b>Conditions of Use</b>	This <b>SHOULD</b> include the dose quantity, frequency, route, administration schedule and any additional instructions required to safely describe the appropriate dosage. If appropriate, this <b>MAY</b> also include the site of administration.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	<ol style="list-style-type: none"> <li>One tablet twice a day every 12 hours, before or with the first mouthful of food.</li> <li>Apply thin layer to affected area 3-4 times daily; reassess after 7 days if no response.</li> </ol>

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	DOSAGE	Essential		Single

## 4.10 Instructions for Use

### Identification

<b>Name</b>	Instructions for Use
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16276
<b>OID</b>	1.2.36.1.2001.1001.101.103.16276

### Definition


<b>Definition</b>	Directions for the use of a therapeutic good other than a medication.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	Text

### Usage

<b>Conditions of Use</b>	If the Therapeutic Good is a medication, this is <b>PROHIBITED</b> , otherwise it is <b>ESSENTIAL</b> .
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	1. For use with Spiriva Capsules containing powder for oral inhalation. (About a Spiriva HandiHaler.)
<b>Misuse</b>	Using this data group for medication items.

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Optional		Single

## 4.11 Quantity of Therapeutic Good

### Identification

<b>Name</b>	Quantity of Therapeutic Good
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10145
<b>OID</b>	1.2.36.1.2001.1001.101.103.10145

### Definition


<b>Definition</b>	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.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Quantity Prescribed Quantity Ordered Unit of Use Quantity Prescribed
<b>Data Type</b>	Text

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>“40 tablets” (In the case of 2 packs of 20 tablets.)</li> <li>“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.)</li> </ol>
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## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.12 DISPENSING INFORMATION

### Identification

<b>Name</b>	DISPENSING INFORMATION
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16063
<b>OID</b>	1.2.36.1.2001.1001.101.102.16063

### Definition




<b>Definition</b>	Details about the dispensing of the therapeutic good other than the dosage, including instructions to the dispenser.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">Brand Substitute Allowed</a>	Essential		Single
	<a href="#">Maximum Number of Repeats</a>	Essential		Single
	<a href="#">Minimum Interval Between Repeats</a>	Optional		Single

## 4.13 Brand Substitute Allowed

### Identification

<b>Name</b>	Brand Substitute Allowed
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10107
<b>OID</b>	1.2.36.1.2001.1001.101.103.10107

### Definition


<b>Definition</b>	Indicates whether or not the substitution of a prescribed medication with a different brand name of the same medication, which has been determined as bioequivalent, is allowed when the medication is dispensed/supplied.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Allow substitutions
<b>Notes</b>	PBS prescriptions must not be prepared using a computer prescribing program that contains a default which would result in all prescriptions being indicated as Brand Substitution Not Permitted [DHA2009a].
<b>Data Type</b>	Boolean

### Usage

<b>Misuse</b>	Using this data element for therapeutic substitution.  Using this data element for medical appliances.
<b>Default Value</b>	"true"

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

## 4.14 Maximum Number of Repeats

### Identification

<b>Name</b>	Maximum Number of Repeats
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10169
<b>OID</b>	1.2.36.1.2001.1001.101.103.10169

### Definition


<b>Definition</b>	The number of times the supply of the prescribed item may be repeated under the terms of the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	<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>
<b>Data Type</b>	Number

### Usage

<b>Conditions of Use</b>	If the value of <a href="#">Grounds for Concurrent Supply</a> is “Pursuant to Regulation 24” or “hardship conditions apply”, the value of this data element must be greater than 0.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .
<b>Default Value</b>	0

# Relationships

## Parents

Data Type	Name	Obligation	Condition	Occurrence
	DISPENSING INFORMATION	Essential		Single

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## 4.15 Minimum Interval Between Repeats

### Identification

<b>Name</b>	Minimum Interval Between Repeats
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10164
<b>OID</b>	1.2.36.1.2001.1001.101.103.10164

### Definition


<b>Definition</b>	The minimum time before the therapeutic good can be dispensed again.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	<p>Where the prescription is for a Schedule 8 medicine and the dispensing of the prescription is authorised to be repeated, the minimum intervals at which it may be dispensed must be written on the prescription by the prescriber.</p> <p>The dispensing interval for other scripts is a dispensing issue and is governed by PBS rules. However, there may be other situations where a prescriber may want to limit access – e.g. if there are safety concerns or if the subject of care is taking greater than the prescribed dose.</p>
<b>Data Type</b>	Duration

### Usage

<b>Examples</b>	1. 20 days
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### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">DISPENSING INFORMATION</a>	Optional		Single

## 4.16 PBS/RPBS Benefit Category Type

### Identification

<b>Name</b>	PBS/RPBS Benefit Category Type
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16095
<b>OID</b>	1.2.36.1.2001.1001.101.103.16095

### Definition


<b>Definition</b>	Indicates the category of subsidy appropriate to the item being prescribed.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	<p>This indicates whether the item has been prescribed for a use which attracts a PBS subsidy, an RPBS subsidy or no subsidy:</p> <ul style="list-style-type: none"> <li>• PBS: A subsidy under the Pharmaceutical Benefits Scheme applies to this item.</li> <li>• RPBS: A subsidy under the Repatriation Pharmaceutical Benefits Scheme applies to this item.</li> <li>• No benefit: This item is not covered by a PBS or RPBS subsidy.</li> </ul> <p>Not to be confused with Claim Category Type.</p>
<b>Data Type</b>	CodedText
<b>Value Domain</b>	<a href="#">PBS/RPBS Benefit Category Type Values</a>

### Usage

#### Examples

## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Essential		Single

## 4.17 PBS/RPBS Benefit Category Type Values

### Identification

<b>Name</b>	PBS/RPBS Benefit Category Type Values
<b>Metadata Type</b>	Value Domain
<b>Identifier</b>	VD-16095
<b>OID</b>	1.2.36.1.2001.1001.101.104.16095

### Definition

<b>Definition</b>	The set of values of PBS/RPBS Benefit Category Type.
<b>Definition Source</b>	NEHTA

### Value Domain

<b>Source</b>	NEHTA	
<b>Permissible Values</b>	1, PBS	A subsidy under the <a href="#">Pharmaceutical Benefits Scheme</a> <sup>1</sup> applies to this item.
	2, RPBS	A subsidy under the <a href="#">Repatriation Pharmaceutical Benefits Scheme</a> <sup>2</sup> applies to this item.
	9, No benefit	This item is not covered by a PBS or RPBS subsidy.

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
<b>T<sub>010</sub></b>	<a href="#">PBS/RPBS Benefit Category Type</a>	Essential		Single

<sup>1</sup> <http://www.medicareaustralia.gov.au/provider/pbs/index.jsp>

<sup>2</sup> [http://www.dva.gov.au/service\\_providers/doctors/Pages/rpbs.aspx](http://www.dva.gov.au/service_providers/doctors/Pages/rpbs.aspx)

## 4.18 Grounds for Concurrent Supply

### Identification

<b>Name</b>	Grounds for Concurrent Supply
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16139
<b>OID</b>	1.2.36.1.2001.1001.101.103.16139

### Definition

<b>Definition</b>	Indicates the grounds which authorise a PBS or RPBS subsidy for the concurrent supply of an item specified in a prescription and all of its repeats.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	<p><i>Concurrent supply</i> means supplying an item from a prescription together with all of its repeats at the one time.</p> <p>There are different rules for the concurrent supply of prescribed items, depending upon whether they are subsidised by the PBS or the RPBS.</p> <p><b>For PBS prescriptions</b> (Regulation 24):</p> <p>Generally, a pharmaceutical benefit may not be supplied to the same person more than once in any four clear days (or 20 clear days for items listed in the Schedule with five repeats or more). Under Regulation 24 of the National Health (Pharmaceutical Benefits) Regulations 1960, a prescriber can direct that the original and all repeats of a PBS medicine ordered on a prescription be supplied at the one time, provided that the prescriber is satisfied that all of the following circumstances apply:</p> <ul style="list-style-type: none"> <li>• The maximum quantity or number of units applicable in relation to the pharmaceutical benefit is insufficient for the treatment of the person for whom the prescription is written.</li> <li>• The person requires the pharmaceutical benefit for the treatment of a chronic illness or is residing in a place remote from the approved pharmacist nearest to that person's place of residence.</li> <li>• The person could not, without great hardship, obtain the required quantity or number of units of the pharmaceutical benefit by means of repeated supplies on separate occasions.</li> </ul> <p>A PBS prescription must be endorsed by the prescriber with "Regulation 24" as certification that all the above conditions apply.</p> <p>An example of where a prescription would need to be endorsed as Regulation 24 for each item would be where a subject of care taking antihypertensive medicine plans to travel overseas and requires the dispensing of the original and repeats at one time.</p> <p><b>For RPBS prescriptions</b> (Hardship conditions apply):</p>


	<p>The original and repeat supplies of an item ordered on a prescription may be supplied at the one time if:</p> <ul style="list-style-type: none"> <li>• the veteran lives a long way from the nearest pharmacy; or</li> <li>• the circumstances of the veteran's condition would impose hardship if separate visits for supply of repeats was required.</li> </ul> <p>The words “hardship conditions apply” (or “Regulation 24”) written on the prescription will be sufficient authority for a pharmacist to supply the items and repeats at the one time.</p>
<b>Data Type</b>	CodedText
<b>Value Domain</b>	<a href="#">Grounds for Concurrent Supply Values</a>

## Usage

<b>Conditions of Use</b>	Only applicable to PBS and RPBS prescriptions. Not applicable to private prescriptions.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Optional		Single

# 4.19 Grounds for Concurrent Supply Values

## Identification

<b>Name</b>	Grounds for Concurrent Supply Values
<b>Metadata Type</b>	Value Domain
<b>Identifier</b>	VD-16085
<b>OID</b>	1.2.36.1.2001.1001.101.104.16085

## Definition

<b>Definition</b>	The set of values of Concurrent Supply Grounds.
<b>Definition Source</b>	NEHTA

## Value Domain

<b>Source</b>	NEHTA	
<b>Permissible Values</b>	1, Pursuant to Regulation 24	Supply is in accord with Regulation 24 of the National Health (Pharmaceutical Benefits) Regulations 1960.
	2, Hardship conditions apply	Supply is in accord with the “Hardship conditions” provision of RPBS prescribing guidelines.
	9, No grounds	There are no grounds for concurrent supply.

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
T <sub>010</sub>	Grounds for Concurrent Supply	Essential		Single

## 4.20 PBS/RPBS Authority Approval Number

### Identification

<b>Name</b>	PBS/RPBS Authority Approval Number
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10159
<b>OID</b>	1.2.36.1.2001.1001.101.103.10159

### Definition

<b>Definition</b>	An identification number obtained by the prescriber and included in the prescription to show that the prescription meets agreed prescribing requirements and has authority to prescribe the medication and/or the quantity of the medication.
<b>Definition Source</b>	Medicare Australia
<b>Synonymous Names</b>	
<b>Notes</b>	Each authority prescription requires a unique approval number provided by Medicare Australia or the Department of Veterans' Affairs.
<b>Data Type</b>	Text


### Usage

<b>Conditions of Use</b>	<p>Only applicable to PBS and RPBS prescriptions. Not applicable to private prescriptions.</p> <p>For PBS prescriptions: Authority prescriptions are required for certain PBS medicines, and where the prescriber feels the patient requires an increased number of repeats or a quantity greater than the maximum listed in the Schedule of Pharmaceutical Benefits.</p> <p>For RPBS prescriptions: An authority required approval can be recorded on a script for private items which results in reduced or no out-of-pocket expenses for the patient.</p> <p>(Medicare Australia)</p> <ol style="list-style-type: none"> <li>This <b>MUST</b> be populated if: <ul style="list-style-type: none"> <li>the PBS/RPBS Benefit Category type is PBS; and</li> <li>the item is listed as "authority required".</li> </ul> </li> <li>This <b>MUST NOT</b> be populated if: <ul style="list-style-type: none"> <li>the PBS/RPBS Benefit Category type is PBS; and</li> <li>the item is not listed as "authority required".</li> </ul> </li> <li>This <b>MUST NOT</b> be populated if:</li> </ol>
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<b>Conditions of Use Source</b>	<ul style="list-style-type: none"> <li>the PBS/RPBS Benefit Category type is neither PBS nor RPBS.</li> </ul>
<b>Examples</b>	<p>Medicare Australia and NEHTA</p> <ol style="list-style-type: none"> <li>Z1234AB (Authority Required)</li> <li>9876 (Authority Required (Streamlined))</li> </ol>

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	PRESCRIPTION ITEM	Optional		Single

## 4.21 State Authority Number

### Identification

<b>Name</b>	State Authority Number
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16018
<b>OID</b>	1.2.36.1.2001.1001.101.103.16018

### Definition


<b>Definition</b>	An identification number issued by an Australian state or territory health authority as proof that the prescriber has obtained written authority to prescribe drugs of dependence for a drug-dependent person, or for the treatment of a person with drug addiction for a period in accordance with State or Territory regulations.
<b>Definition Source</b>	Medicare Australia
<b>Synonymous Names</b>	
<b>Notes</b>	The PBS refers to the requirement to also observe state legislation when prescribing Schedule 8 medicines. Such legislation may require a state-issued authority number. These authority numbers may be required in addition to a <a href="#">PBS/RPBS Authority Approval Number</a> .
<b>Data Type</b>	Text

### Usage

<b>Conditions of Use</b>	If state authorisation is required to prescribe this item, this information must be provided in the prescription.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	<ol style="list-style-type: none"> <li>1. S18A0812</li> <li>2. CNS 123654</li> <li>3. S28c 132465</li> <li>4. 123658-10-2009</li> <li>5. CL/24586</li> <li>6. RA/34536</li> </ol>

# Relationships

## Parents

Data Type	Name	Obligation	Condition	Occurrence
	PRESCRIPTION ITEM	Optional		Single

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## 4.22 Reason for Therapeutic Good

### Identification

<b>Name</b>	Reason for Therapeutic Good
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-10141
<b>OID</b>	1.2.36.1.2001.1001.101.103.10141

### Definition


<b>Definition</b>	The clinical justification (e.g. specific therapeutic effect intended) for this subject of care's use of the therapeutic good.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Reason for prescribing
<b>Data Type</b>	Text

### Usage

<b>Conditions of Use</b>	For inpatient discharge summaries, this should always be recorded.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	1. Long-term maintenance treatment of bronchospasm and dyspnoea.

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION ITEM</a>	Optional		Single

## 4.23 Additional Comments

### Identification

<b>Name</b>	Additional Comments
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16044
<b>OID</b>	1.2.36.1.2001.1001.101.103.16044

### Definition


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

### Usage

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

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	PRESCRIPTION ITEM	Optional		Single

# 5 Observations Section

## 5.1 OBSERVATIONS

### Identification


<b>Name</b>	OBSERVATIONS
<b>Metadata Type</b>	Section
<b>Identifier</b>	S-16280
<b>OID</b>	1.2.36.1.2001.1001.101.101.16280

### Definition



<b>Definition</b>	A collection of observations of the Subject of Care which are relevant to the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">EPRESCRIPTION</a>	Optional		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">BODY WEIGHT</a>	Optional		Single
	<a href="#">BODY HEIGHT</a>	Optional		Single

## 5.2 BODY WEIGHT

### Identification

<b>Name</b>	BODY WEIGHT
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16124
<b>OID</b>	1.2.36.1.2001.1001.101.102.16124

### Definition


<b>Definition</b>	Details pertinent to the physical measurement of the weight (mass) of a Subject of Care's body.
<b>Definition Source</b>	Adapted from AIHW/METeOR definition of 'body weight (measured) in Kilograms'
<b>Synonymous Names</b>	Body Weight
<b>Notes</b>	The weight of a Subject of Care is a key observation used for dosage calculation for paediatric and chemotherapy prescriptions.

### Usage



<b>Conditions of Use</b>	For children 12 years old or younger a body weight must be recorded.
<b>Conditions of Use Source</b>	NEHTA

## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">OBSERVATIONS</a>	Optional		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">Body Weight Value</a>	Essential		Single
	<a href="#">DateTime of Observation</a>	Essential		Single

## 5.3 Body Weight Value

### Identification

<b>Name</b>	Body Weight Value
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16125
<b>OID</b>	1.2.36.1.2001.1001.101.103.16125

### Definition


<b>Definition</b>	The weight (body mass) of a person.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Person Weight
<b>Data Type</b>	Quantity

### Usage

<b>Conditions of Use</b>	The unit of measurement <b>MUST</b> be kilograms.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	1. 73 kg 2. 0.89 kg

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	BODY WEIGHT	Essential		Single

## 5.4 DateTime of Observation

### Identification

<b>Name</b>	DateTime of Observation
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-15561
<b>OID</b>	1.2.36.1.2001.1001.101.103.15561

### Definition


<b>Definition</b>	The date (and optionally time) that an observation value is taken.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	DateTime

### Usage

<b>Conditions of Use</b>	This item must include a date component and may include a time component if it is known and relevant to record.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	BODY WEIGHT	Essential		Single

## 5.5 BODY HEIGHT

### Identification


<b>Name</b>	BODY HEIGHT
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16123
<b>OID</b>	1.2.36.1.2001.1001.101.102.16123

### Definition



<b>Definition</b>	Details pertinent to the physical measurement of the height OR length of a Subject of Care's body.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Body Length
<b>Notes</b>	The height, together with the weight, of a subject of care enables derivation of Body Mass Index (BMI) which is a key observation that may be used for dosage calculation for certain medication prescription protocols, such as chemotherapy.

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">OBSERVATIONS</a>	Optional		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">Body Height Value</a>	Essential		Single
	<a href="#">DateTime of Observation</a>	Essential		Single

## 5.6 Body Height Value

### Identification

<b>Name</b>	Body Height Value
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16120
<b>OID</b>	1.2.36.1.2001.1001.101.103.16120

### Definition


<b>Definition</b>	The height or length of a person.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	Quantity

### Usage

<b>Conditions of Use</b>	The unit of measurement <b>MUST</b> be centimetres.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	1. 54.3 cm 2. 172 cm

## Relationships

### Parents

Data Type	Name	Obligation	Condition	Occurrence
	BODY HEIGHT	Essential		Single

## 5.7 DateTime of Observation

### Identification

<b>Name</b>	DateTime of Observation
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-15561
<b>OID</b>	1.2.36.1.2001.1001.101.103.15561

### Definition


<b>Definition</b>	The date (and optionally time) that an observation value is taken.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	DateTime

### Usage

<b>Conditions of Use</b>	This item must include a date component and may include a time component if it is known and relevant to record.
<b>Conditions of Use Source</b>	NEHTA
<b>Examples</b>	See: <a href="#">NEHTA Data Specifications and Structured Document Templates - Guide for Use [NEHT2010d]</a> .

## Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	BODY HEIGHT	Essential		Single

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# 6 Prescription Note Detail

## 6.1 PRESCRIPTION NOTE DETAIL

### Identification


<b>Name</b>	PRESCRIPTION NOTE DETAIL
<b>Metadata Type</b>	Data Group
<b>Identifier</b>	DG-16212
<b>OID</b>	1.2.36.1.2001.1001.101.102.16212

### Definition

<b>Definition</b>	Details pertinent to additional or supplementary information about the prescription, which is not captured by other information structures contained in the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Clinical Note
<b>Notes</b>	<p>This data group contains details of information/note at the prescription level.</p> <p>It provides for the capture of general prescriber remarks that target the dispenser. A note may contain details for such things as counselling instructions, Adverse Drug Reactions (ADR), and explanations regarding activities such as brand substitution.</p>

### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">EPRESCRIPTION</a>	Optional		Single

#### Children

Data Type	Name	Obligation	Condition	Occurrence
T	<a href="#">Note</a>	Essential		Single

## 6.2 Note

### Identification

<b>Name</b>	Note
<b>Metadata Type</b>	Data Element
<b>Identifier</b>	DE-16213
<b>OID</b>	1.2.36.1.2001.1001.101.103.16213

### Definition

<b>Definition</b>	Free text comments relevant to the prescription.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Data Type</b>	Text

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Subject of care does not speak English, provide appropriate counselling.</li> <li>2. Please deliver to the subject of care, at home.</li> </ol>
-----------------	---

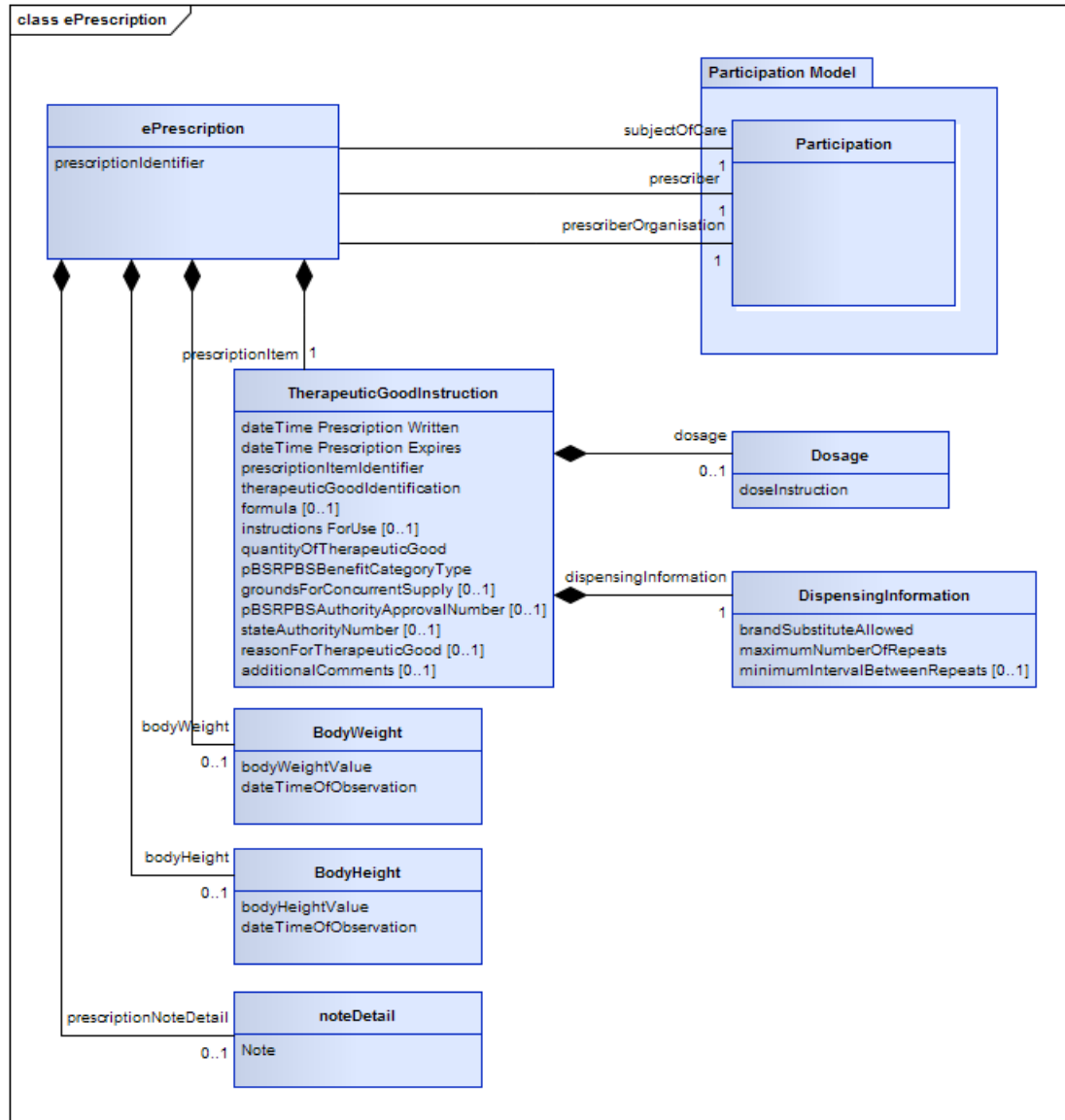
### Relationships

#### Parents

Data Type	Name	Obligation	Condition	Occurrence
	<a href="#">PRESCRIPTION NOTE DETAIL</a>	Essential		Single

# 7 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 ePrescription data hierarchy.

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# 8 Comparison Between Printed and Electronic Prescriptions

Printed prescriptions and electronic prescriptions have been designed for use in different situations. Printed prescriptions can be used without any supporting computer system. Use of electronic prescriptions requires a supporting computer system. Consequently, the layout of a printed prescription is a poor guide to where data elements are recorded in the associated electronic prescription. This chapter identifies the data elements of a typical printed prescription and describes how they are recorded in the structure of an electronic prescription.

## 8.1 A Blank Printed Prescription

The image shows a blank printed prescription form with several color-coded regions and labels:

- Prescriber details** (Yellow background): Includes the label "Prescriber no.:".
- Patient's Medicare no.:** (Green background): Includes the label "Patient's Medicare no.:" and a text input field.
- Pharmaceutical benefits entitlement number** (Green background): Includes the label "Pharmaceutical benefits entitlement number" and a text input field.
- Safety Net entitlement card holder** (Green background): Includes a checkbox and the label "Safety Net entitlement card holder (cross relevant box)".
- Concessional or dependent PBS beneficiary or Safety Net concession card holder** (Green background): Includes a checkbox and the label "Concessional or dependent PBS beneficiary or Safety Net concession card holder".
- Patient's name:** (Green background): Includes the label "Patient's name:".
- Address:** (Green background): Includes the label "Address:" and a text input field.
- Subject of care details** (Green background): A label placed over the patient's address field.
- Prescription details** (Pink background): Includes the label "Date PBS" and a checkbox with the label "brand substitution not permitted".
- Prescribed item details** (Cyan background): A large area for the prescription details.
- Document retrieval key (barcode)** (White background): A vertical barcode area on the left side of the prescribed item details section.

Annotated blank prescription

This is an annotated image of a typical blank prescription form. The next section of this document describes how the information in each labeled region of a printed prescription is recorded in an electronic prescription.

## 8.2 Mapping From Printed to Electronic Prescriptions

This section describes how the information in each region of a printed prescription is recorded in an electronic prescription.

## Mapping of Printed Prescription Data Items to Electronic Prescription Data Items

These tables describe, for each data item in a typical printed prescription, where an electronic prescription will record the same information.

### Prescriber details

Prescription item name	SDT item name
Doctor's Name	Prescriber.Participant.Person.Person Name
Surgery Address	Prescriber Organisation.Participant.Address
Surgery Telephone	Prescriber Organisation.Participant.Electronic Communication Detail
Prescriber no.	Prescriber.Participant.Entity Identifier

### Subject of care details

Prescription item name	SDT item name
Patient's IHI	Subject of Care.Participant.Entity Identifier
Patient's Medicare no.	Subject of Care.Participant.Entitlement.Entitlement Number
Pharmaceutical benefits entitlement number	Subject of Care.Participant.Entitlement.Entitlement Number
Safety Net entitlement card holder	Subject of Care.Participant.Entitlement.Entitlement Type
Concessional or dependent RPBS beneficiary or Safety Net concession card holder	Subject of Care.Participant.Entitlement.Entitlement Type
Patient's name	Subject of Care.Participant.Person.Person Name
Patient's Address	Subject of Care.Participant.Address

### Prescription details

Prescription item name	SDT item name
Date	DateTime Prescription Written
PBS	Prescription Item.PBS/RPBS Benefit Category Type
RPBS	Prescription Item.PBS/RPBS Benefit Category Type
Brand substitution not permitted	Prescription Item.Dispensing Information.Brand Substitute Allowed
Prescription no.	Prescription Identifier
Number of items	This is derived, it is not carried in an electronic prescription.

**Prescribed item details**

Prescription item name	SDT item name
Item Description	This is carried in various data items in <i>Prescription Item</i> . The therapeutic good is identified in <i>Therapeutic Good Description</i> . The quantity in <i>Quantity of Therapeutic Good</i> . The number of repeats in <i>Maximum Number of Repeats</i> . The dose instruction in <i>Dose Instruction</i> .
Regulation 24	Prescription Item.Concurrent Supply Grounds
Hardship conditions apply	Prescription Item.Concurrent Supply Grounds

**Document retrieval key**

Prescription item name	SDT item name
Document Retrieval Key (barcode)	This is carried in the PES (Prescription Exchange Service) header, not in the prescription document. For more details see the <a href="#">NEHTA ETP Technical Architecture [NEHT2009]</a> .

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# Appendix A. Participations
















This appendix details the participation data groups used in the ePrescription 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 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
				<b>T</b>	Unstructured Australian Address Line	0..*
					STRUCTURED AUSTRALIAN ADDRESS LINE	0..1
				<b>T<sub>010</sub></b>	Australian Unit Type	0..1
				<b>T</b>	Australian Unit Number	0..1
				<b>T</b>	Australian Address Site Name	0..1
				<b>T<sub>010</sub></b>	Australian Level Type	0..1
				<b>T</b>	Australian Level Number	0..1
				<b>T</b>	Australian Street Number	0..1
				<b>T</b>	Australian Lot Number	0..1
				<b>T</b>	Australian Street Name	0..1
				<b>T<sub>010</sub></b>	Australian Street Type	0..1
				<b>T<sub>010</sub></b>	Australian Street Suffix	0..1
				<b>T<sub>010</sub></b>	Australian Postal Delivery Type	0..1
				<b>T</b>	Australian Postal Delivery Number	0..1
				<b>T/T<sub>010</sub></b>	Australian Suburb/Town/Locality	0..1
				<b>T<sub>010</sub></b>	Australian State/Territory	0..1
				<b>T<sub>010</sub></b>	Australian Postcode	0..1
				<b>ID</b>	Australian Delivery Point Identifier	0..1
			<b>T<sub>010</sub></b>	Address Purpose		1..1
				ELECTRONIC COMMUNICATION DETAIL		0..*
			<b>T<sub>010</sub></b>	Electronic Communication Medium		1..1
			<b>T<sub>010</sub></b>	Electronic Communication Usage Code		0..1
			<b>T</b>	Electronic Communication Address		1..1

		<b>C</b>	PERSON OR ORGANISATION OR DEVICE		1..1
				DEVICE	0..0
				ORGANISATION	0..0
				PERSON	1..1
				PERSON NAME	1..1
				<b>T<sub>010</sub></b> Name Title	0..*
				<b>T</b> Family Name	1..1
				<b>T</b> Given Name	0..*
				<b>T<sub>010</sub></b> Name Suffix	0..*
				  Preferred Name Indicator	0..1
				<b>T<sub>010</sub></b> Person Name Usage	0..1
			<b>T/T<sub>010</sub></b>	Relationship to Subject of Care	0..0
				EMPLOYMENT DETAIL	0..0
				DEMOGRAPHIC DATA	1..1
				<b>T<sub>010</sub></b> 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 **MUST** 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 Prescriber

























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 Prescriber. 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

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

					Preferred Name Indicator	0..1
					Person Name Usage	0..1
					Relationship to Subject of Care	0..0
					EMPLOYMENT DETAIL	0..1
					EMPLOYER ORGANISATION	0..0
					Employment Type	0..0
					Occupation	1..*
					Position in Organisation	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..*

			<b>ID</b>	Entitlement Number	1..1
			<b>IT</b> <sub>010</sub>	Entitlement Type	1..1
				Entitlement Validity Duration	0..1
		<b>T</b>		Qualifications	0..1

### Constraints on data values

- Participation Type **MUST** have an implementation specific fixed value meaning “Prescriber”.
- The value of Entity Identifier **MUST** be an Australian HPI-I.
- There **MUST** be one ENTITLEMENT with a Medicare Prescriber Number as its value.
- There **MAY** be additional ENTITLEMENTS, but they **MUST NOT** have a Medicare Prescriber 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 “General Practitioner”, “Dermatologist” or a similar occupation.

## A.3 Prescriber 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 Prescriber Organisation. 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..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

						<b>T</b>	Australian Lot Number	0..1
						<b>T</b>	Australian Street Name	0..1
						<b>T<sub>010</sub></b>	Australian Street Type	0..1
						<b>T<sub>010</sub></b>	Australian Street Suffix	0..1
						<b>T<sub>010</sub></b>	Australian Postal Delivery Type	0..1
						<b>T</b>	Australian Postal Delivery Number	0..1
						<b>T/T<sub>010</sub></b>	Australian Suburb/Town/Locality	0..1
						<b>T<sub>010</sub></b>	Australian State/Territory	0..1
						<b>T<sub>010</sub></b>	Australian Postcode	0..1
						<b>ID</b>	Australian Delivery Point Identifier	0..1
			<b>T<sub>010</sub></b>	Address Purpose				1..1
		<b>F</b>	ELECTRONIC COMMUNICATION DETAIL					1..*
			<b>T<sub>010</sub></b>	Electronic Communication Medium				1..1
			<b>T<sub>010</sub></b>	Electronic Communication Usage Code				0..1
			<b>T</b>	Electronic Communication Address				1..1
		<b>C</b>	PERSON OR ORGANISATION OR DEVICE					1..1
			<b>F</b>	DEVICE				0..0
			<b>F</b>	ORGANISATION				1..1
				<b>T</b>	Organisation Name			1..1
				<b>T</b>	Department/Unit			0..1
				<b>T<sub>010</sub></b>	Organisation Name Usage			0..1
			<b>F</b>	PERSON				0..0
		<b>F</b>	ENTITLEMENT					0..0
		<b>T</b>	Qualifications					0..0

**Constraints on data values**

- Participation Type **MUST** have an implementation specific fixed value meaning “Prescribary”.
- The value of Entity Identifier **MUST** be an Australian HPI-O.
- ADDRESS **MUST** have an Address Purpose value of “Business”.
- A least one ELECTRONIC COMMUNICATION DETAIL **MUST** have an Electronic Communication Medium value of “Telephone” or “Mobile”.

**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 “General Practice Clinic”, “Dental Surgery” or similar.

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