

# nehta

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## **Adverse Reactions**

### **Data Specification**

Version 2.0 — 7 Sep 2009

Final

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## Document Information

### Change history

Version	Date	Comments
1.0	29 Jun 2007	Initial public release
1.1	29 Feb 2008	<ul style="list-style-type: none"><li>• Minor typographical corrections and wording changes in Introduction</li><li>• Figure 1 in Introduction updated to show more comprehensive information</li><li>• There are no significant alterations that affect the data structure or use of this document</li></ul>
2.0	7 Sep 2009	Updated to incorporate changes made in the version 2.0 of the Discharge Summary Specification.



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- Standards Australia;
- Royal Australian College of General Practitioners;
- Society of Hospital Pharmacists of Australia;
- Members of the Australian DataTypes Project;
- Australian Institute of Health & Welfare; and
- Ocean Informatics.



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# 1 Introduction

## 1.1 Purpose and Scope

The Adverse Reaction data group specification forms part of a suite of data specifications that NEHTA is developing for the Australian Health Informatics Community. The suite comprises specifications for a range of health topics (represented as “data groups”), which are generally agreed to be of high priority to standardise in order to achieve the benefits brought about by Level 4 (semantic) interoperability in the Australian health care setting.

## 1.2 Intended Audience

This document is intended to be read by jurisdictional ICT managers, clinicians involved in Clinical Information System specifications, software architects and developers, and implementers of Clinical Information Systems in various health care settings.

It is reasonably technical in nature and expects the audience to be familiar with the language of health data specification and have some familiarity with health information standards and specifications. Definitions and examples are provided to clarify relevant terminology usage and intent.

## 1.3 Background

There are several e-health priority areas to be addressed by NEHTA specifications. One area of priority is identification of the data to be communicated and its structure. NEHTA is addressing this through Data Specifications which detail the Data Elements (logically grouped), and their associated value domains.

Data Specifications need to be independent of messaging formats. They are concerned with providing an information framework in which to achieve semantic interoperability.

Data specifications have been developed:

- Based on jurisdiction and clinician identified priorities;
- Specifically to suit the Australian model for a shared EHR;
- To define collections of related information, i.e. event summaries, data groups, data elements;
- To allow for expansion and extension as electronic systems mature;
- So they are “human readable”, (with information enhanced by the hierarchical structure);
- Incorporating clinical examples of use to enhance utility and adoption; and
- To provide a set of clinical terminologies, specific to the requirements of the Australian healthcare system.

Whilst shared EHR is referred to in these documents the implementation of the shared EHR is not dealt with here.

## 1.4 Terminology

NEHTA, through the National Clinical Terminology and Information Service (NCTIS), is defining a national approach to clinical terminology. Consistent and accurate articulation and interpretation of clinical terms is critical to the process of safe exchange.

SNOMED CT has been recommended by NEHTA and endorsed by the Australian, State and Territory governments as the preferred clinical terminology for Australia, and is now freely available for e-health software developers to use in their Australian products under IHTSDO (International Health Terminology Standards Development Organisation) licensing arrangements.

While NEHTA's achievement of a national standard clinical terminology is based on SNOMED CT as the foundational resource, local variations and customisation of terms relevant to the Australian healthcare sector will be incorporated. SNOMED CT Australian Release (SNOMED CT AU) is the Australian extension to SNOMED CT; the integrated national release of SNOMED CT for implementation in Australian deployed clinical IT systems. NEHTA is also developing the Australian Medicines Terminology (AMT) as the designated clinical terminology for medicines available in Australia. The AMT will provide a consistent approach to the identification and naming of medicines, to support medicines management and activity across the Australian healthcare domain. The AMT will be integrated with SNOMED CT-AU in the near future.

Reference sets listed as value domains within this document have been developed taking into account data element and data group definitions and how they align and complement the SNOMED CT concept model. For further information regarding terminology and the development of reference sets please visit <http://www.nehta.gov.au/connecting-australia/clinical-terminologies> and direct your questions or feedback to [terminologies@nehta.gov.au](mailto:terminologies@nehta.gov.au).

## 1.5 Related Documents

The following documents are companion documents to this Data Specification:

[NEHTA Data Specification and Structured Document Template Guide for Use](#)<sup>1</sup>

Version No.: 1.0, Issued: 07 August 2009

This guide describes the generic data structures, data types, keywords and icons used within this Data Specification.

[NEHTA Participation Data Specification](#)<sup>2</sup>

Version No.: 1.0, Issued: 16 July 2009

This document contains the full specification of the participation data type used within this Data Specification.

[NEHTA Acronyms, Abbreviations & Glossary of Terms](#)<sup>3</sup>

Version No.: 1.2, Issued: 25 May 2005

A complete listing of all relevant acronyms and abbreviations, and a glossary of terms.

<sup>1</sup> [http://www.nehta.gov.au/component/docman/doc\\_download/771-data-specifications-and-sdt-guide-for-use-20090807](http://www.nehta.gov.au/component/docman/doc_download/771-data-specifications-and-sdt-guide-for-use-20090807)

<sup>2</sup> [http://www.nehta.gov.au/component/docman/doc\\_download/754-participation-data-specification-v10](http://www.nehta.gov.au/component/docman/doc_download/754-participation-data-specification-v10)

<sup>3</sup> [http://www.nehta.gov.au/dmdocuments/Glossary\\_v1-2.pdf](http://www.nehta.gov.au/dmdocuments/Glossary_v1-2.pdf)

# 2 Specification

## 2.1 Data Hierarchy

	ADVERSE REACTIONS		
	<b>T</b> <sub>010</sub>	Known Adverse Reactions	!
	ADVERSE REACTION		a→b ↻
	<b>T</b> <sub>010</sub>	Adverse Reaction Presence	!
	<b>T</b> <sub>010</sub>	Agent Type	0
	<b>T/T</b> <sub>010</sub>	Agent Description	!
	<b>T</b> <sub>010</sub>	Agent Description Certainty	0
		DateTime of Exposure	0
	<b>T</b> <sub>010</sub>	Adverse Reaction Type	0
	<b>T</b> <sub>010</sub>	Adverse Reaction Status	0
		REACTION DETAIL	0 ↻
	<b>T/T</b> <sub>010</sub>	Reaction Description	0
	<b>T</b> <sub>010</sub>	Severity	0
		Onset	0
		FINDING SITE	0 ↻
	<b>T/T</b> <sub>010</sub>	Finding Site Description	!
	<b>T/T</b> <sub>010</sub>	Finding Site Qualifier	0
	<b>T/T</b> <sub>010</sub>	Adverse Reaction Outcome	0
	<b>T</b>	Adverse Reaction Note	0
		DateTime Reported	0
	<b>T/T</b> <sub>010</sub>	Information Provided by	0
	REPORTER		0

## 2.2 ADVERSE REACTIONS

### Identification




<b>Name</b>	ADVERSE REACTIONS
<b>Meta-data Type</b>	Data Group
<b>Identifier</b>	DG-15536
<b>Version</b>	1.0

### Definition

<b>Definition</b>	Describes the known adverse reactions for the subject of care (including allergies and intolerances), and any relevant reaction details.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Allergic reactions Allergies
<b>Notes</b>	

### Relationships

#### Children

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">Known Adverse Reactions</a>	1.0	Essential		Single
	<a href="#">ADVERSE REACTION</a>	2.1	Conditional	MUST be present if Known Adverse Reactions is true and MUST NOT be present if Known Adverse Reactions is false.	Multiple
	<a href="#">REPORTER</a>	1.0	Optional		Single

## 2.3 Known Adverse Reactions

### Identification

<b>Name</b>	Known Adverse Reactions
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15537

### Definition


<b>Definition</b>	Indicates the status of knowledge about the subject of care's adverse reactions.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Adverse Reactions Indicator
<b>Notes</b>	This item is applicable to the subject of care overall and is used to indicate if there are any known adverse reactions.
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Known</li> <li>2. None Known</li> <li>3. Asked But Not Known</li> <li>4. Not Asked</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTIONS</a>	1.0	Essential		Single

## 2.4 ADVERSE REACTION

### Identification


<b>Name</b>	ADVERSE REACTION
<b>Meta-data Type</b>	Data Group
<b>Identifier</b>	DG-15517
<b>Version</b>	2.0

### Definition



<b>Definition</b>	<p>Describes a harmful or undesirable response to an agent/substance.</p> <p>An adverse reaction may occur within a variable timeframe after exposure to an agent/substance and may range from minor reactions like a skin rash to serious and life-threatening events such as anaphylaxis. Exposure may be by ingestion, inhalation, injection or direct contact. An adverse reaction includes allergies, intolerances and sensitivities but excludes poisoning, medical errors or mishaps that may occur during surgical or medical care, as these are generally classified as an adverse event.</p>
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	<p>Allergic reaction</p> <p>Allergy</p> <p>Intolerance</p> <p>Sensitivity</p>
<b>Notes</b>	<p>The Adverse Reaction item is used to capture the body's response to the effect of an agent or substance whereas the Alert item notifies a healthcare provider of any special considerations that may need to be known, such as infectious disease carrier, pregnant or elite athlete. The process of identifying adverse reactions is a critical element of good clinical practice and is essential for safety and quality. This item is repeated for every instance of an adverse reaction. Adverse reactions to immunisations should be included here. Should not be used for recording alerts.</p>











### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTIONS</a>	1.0	Conditional	MUST be present if Known Adverse Reactions is true and MUST NOT be present if Known Adverse Reactions is false.	Multiple

#### Children

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">Adverse Reaction Presence</a>	2.1	Essential		Single
	<a href="#">Agent Type</a>	2.1	Optional		Single

Data Type	Name	Version	Obligation	Condition	Occurrence
 TTL	<a href="#">Agent Description</a>	2.1	Essential		Single
 T	<a href="#">Agent Description Certainty</a>	2.1	Optional		Single
 DT	<a href="#">DateTime of Exposure</a>	2.1	Optional		Single
 T	<a href="#">Adverse Reaction Type</a>	2.1	Optional		Single
 T	<a href="#">Adverse Reaction Status</a>	2.1	Optional		Single
 F	<a href="#">REACTION DETAIL</a>	1.0	Optional		Multiple
 TTL	<a href="#">Adverse Reaction Outcome</a>	1.0	Optional		Single
 T	<a href="#">Adverse Reaction Note</a>	2.1	Optional		Single
 DT	<a href="#">DateTime Reported</a>	1.0	Optional		Single
 TTL	<a href="#">Information Provided by</a>	1.0	Optional		Single

## 2.5 Adverse Reaction Presence

### Identification

<b>Name</b>	Adverse Reaction Presence
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15552

### Definition


<b>Definition</b>	An indication that the subject of care has or has not experienced an adverse reaction to an agent/substance.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	The result of an act of enquiry by a healthcare provider. It may be equally important to have, in some situations, specific information that a subject of care does not have a reaction to a specific agent/substance, e.g. 'not allergic to penicillin'.
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Present.</li> <li>2. Absent.</li> <li>3. Nil known.</li> </ol>
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Essential		Single

## 2.6 Agent Type

### Identification

<b>Name</b>	Agent Type
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15520

### Definition

<b>Definition</b>	The category of the agent/substance that classifies the adverse reaction.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Agent class Substance type.
<b>Notes</b>	
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	1. Food. 2. Animal. 3. Chemical.
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.7 Agent Description

### Identification

<b>Name</b>	Agent Description
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15521

### Definition

<b>Definition</b>	The agent/substance causing the adverse reaction experienced by the subject of care.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Agent
<b>Notes</b>	An agent can be a substance such as food, drug or an environmental allergen.
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Animal protein</li> <li>2. Latex</li> <li>3. Peanut</li> <li>4. Penicillin</li> <li>5. Bee venom</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	ADVERSE REACTION	2.1	Essential		Single

## 2.8 Agent Description Certainty

### Identification

<b>Name</b>	Agent Description Certainty
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15568

### Definition


<b>Definition</b>	The degree of confidence that the agent/substance referred to in the agent description has caused the adverse reaction.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	It is important to know the degree of certainty of an adverse reaction to an agent/substance as there may be instances where it is not clear whether it is the active agent or a secondary component causing the problem. For example, it may be the filler in a tablet that may be the allergen rather than the active drug. Another example is where there is suspicion of a reaction which warrants recording but it has not been confirmed objectively, or where a reaction has been recorded but is subsequently discounted following further observation and/or investigation.
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Certain.</li> <li>2. Probable.</li> <li>3. Unlikely.</li> </ol>
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### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.9 DateTime of Exposure

### Identification

<b>Name</b>	DateTime of Exposure
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15506

### Definition


<b>Definition</b>	The date or date and time that the exposure to the agent/substance occurred.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	DateTime
<b>Value Domain</b>	

### Usage

<b>Examples</b>	1. 2004-03-31
	2. 2004-03
	3. 2004
	4. 2004-03-3113:10

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.10 Adverse Reaction Type

### Identification

<b>Name</b>	Adverse Reaction Type
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15554

### Definition

<b>Definition</b>	The type of reaction experienced by the subject of care to an agent/substance.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Allergy.</li> <li>2. Intolerance.</li> <li>3. Sensitivity.</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	ADVERSE REACTION	2.1	Optional		Single

## 2.11 Adverse Reaction Status

### Identification

<b>Name</b>	Adverse Reaction Status
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15556

### Definition

<b>Definition</b>	An indication of whether the stated adverse reaction is considered an active or inactive health issue.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Rechallenge outcome - active.</li> <li>2. Active - no rechallenge performed.</li> <li>3. Inactive - no rechallenge performed.</li> <li>4. Rechallenge outcome - inactive.</li> </ol>
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### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	ADVERSE REACTION	2.1	Optional		Single

## 2.12 REACTION DETAIL

### Identification


<b>Name</b>	REACTION DETAIL
<b>Meta-data Type</b>	Data Group
<b>Identifier</b>	DG-15511
<b>Version</b>	1.0

### Definition





<b>Definition</b>	Describes one or more reactions (harmful or undesirable responses) to an agent.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	This item associates information that captures details of the adverse reaction (excluding the Agent that caused the reaction).

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Multiple

#### Children

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">Reaction Description</a>	2.0	Optional		Single
	<a href="#">Severity</a>	2.0	Optional		Single
	<a href="#">Onset</a>	2.0	Optional		Single
	<a href="#">FINDING SITE</a>	1.0	Optional		Multiple

## 2.13 Reaction Description

### Identification

<b>Name</b>	Reaction Description
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15563

### Definition


<b>Definition</b>	The signs and/or symptoms experienced or exhibited by the subject of care as a consequence of the adverse reaction to a specific agent/substance. The severity of the reaction and certainty may be included in this description, where appropriate.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Reaction
<b>Notes</b>	The signs and/or symptoms of the adverse reaction are relevant as it contributes towards the decision as to the immediacy and extent of treatment to be provided, as determined by a healthcare provider. Given that an adverse reaction has occurred, it is important to determine the manifestations of that reaction.
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Itchy eyes.</li> <li>2. Dysphagia.</li> <li>3. Tinnitus.</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">REACTION DETAIL</a>	1.0	Optional		Single

## 2.14 Severity

### Identification

<b>Name</b>	Severity
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15531

### Definition


<b>Definition</b>	The date or date and time when the clinical synopsis recording was made.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodedText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. 31/03/2004.</li> <li>2. 03/2004.</li> <li>3. 2004.</li> <li>4. 31/03/2004 13:10.</li> </ol>
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### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">REACTION DETAIL</a>	1.0	Optional		Single

## 2.15 Onset

### Identification

<b>Name</b>	Onset
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15507

### Definition

<b>Definition</b>	The date or date and time that the specific Reaction commenced.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	DateTime Started
<b>Notes</b>	Sometimes, the date or age at which a person reacts to an agent is a relevant to understanding a condition, or to determining appropriate treatment. Often, this will be an approximate, self-reported age, date or datetime.
<b>Data Type</b>	DateTime
<b>Value Domain</b>	

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>2004-03-31</li> <li>2004-03</li> <li>2004</li> <li>2004-03-3113:10</li> </ol>
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	<a href="#">REACTION DETAIL</a>	1.0	Optional		Single

## 2.16 FINDING SITE

### Identification


<b>Name</b>	FINDING SITE
<b>Meta-data Type</b>	Data Group
<b>Identifier</b>	DG-20156
<b>Version</b>	1.0

### Definition



<b>Definition</b>	Details of the anatomical/body site on which clinical or health related findings (such as signs and symptoms) have been made or described.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">REACTION DETAIL</a>	1.0	Optional		Multiple

#### Children

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">Finding Site Description</a>	1.0	Essential		Single
	<a href="#">Finding Site Qualifier</a>	1.0	Optional		Single

## 2.17 Finding Site Description

### Identification

<b>Name</b>	Finding Site Description
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-20163

### Definition


<b>Definition</b>	The description of anatomical/body site(s) on which the adverse reaction findings have been made.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Sites.
<b>Notes</b>	
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Abdominal wall.</li> <li>2. Forearm.</li> <li>3. Thigh.</li> </ol>
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### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	FINDING SITE	1.0	Essential		Single

## 2.18 Finding Site Qualifier

### Identification

<b>Name</b>	Finding Site Qualifier
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-20164

### Definition


<b>Definition</b>	The descriptor used to qualify or further refine anatomical/body site(s) description in order to add clarity and precision to the site description.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. site qualifier value = "right lower quadrant" which improves clarity or adds precision to finding site description value of "Abdominal wall".</li> <li>2. site qualifier value = "right" which improves clarity or adds precision to finding site description value of "forearm".</li> <li>3. site qualifier value = "right upper" which improves clarity or adds precision to finding site description value of "thigh".</li> </ol>
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">FINDING SITE</a>	1.0	Optional		Single

## 2.19 Adverse Reaction Outcome

### Identification

<b>Name</b>	Adverse Reaction Outcome
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15588

### Definition


<b>Definition</b>	The state of well-being of the subject of care after experiencing the adverse reaction and being treated for it, if required.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Recovered (without sequelae).</li> <li>2. Recovered (with sequelae).</li> <li>3. Death (=death as the primary reaction to the agent).</li> <li>4. Death (=death as an overall outcome of the adverse reaction).</li> <li>5. Death (=unrelated to the adverse event).</li> <li>6. Not yet recovered.</li> <li>7. Unknown.</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.20 Adverse Reaction Note

### Identification

<b>Name</b>	Adverse Reaction Note
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15590

### Definition

<b>Definition</b>	Additional comments relevant to the adverse reaction.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	Reaction Note
<b>Notes</b>	Used to provide additional narrative information in relation to the adverse reaction such as finding site or route of administration.
<b>Data Type</b>	Text
<b>Value Domain</b>	

### Usage

<b>Examples</b>	
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	ADVERSE REACTION	2.1	Optional		Single

## 2.21 DateTime Reported

### Identification

<b>Name</b>	DateTime Reported
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15508

### Definition


<b>Definition</b>	The date or date and time that the specific Adverse Reaction was reported.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	DateTime
<b>Value Domain</b>	

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>31/03/2004.</li> <li>03/2004.</li> <li>2004.</li> <li>31/03/2004 13:10.</li> </ol>
-----------------	---

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.22 Information Provided by

### Identification

<b>Name</b>	Information Provided by
<b>Meta-data Type</b>	Data Element
<b>Identifier</b>	DE-15503

### Definition

<b>Definition</b>	A category of the source of the health information in this record.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	
<b>Data Type</b>	CodeableText
<b>Value Domain</b>	Not specified - Use existing code sets until NEHTA determines a suitable common reference set.

### Usage

<b>Examples</b>	<ol style="list-style-type: none"> <li>1. Subject of care.</li> <li>2. Carer.</li> </ol>
-----------------	--

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
⌘	<a href="#">ADVERSE REACTION</a>	2.1	Optional		Single

## 2.23 REPORTER

### Identification


<b>Name</b>	REPORTER (Reuse of Participation Data Group)
<b>Meta-data Type</b>	Data Group
<b>Identifier</b>	DG-10296
<b>Version</b>	1.0

### Definition

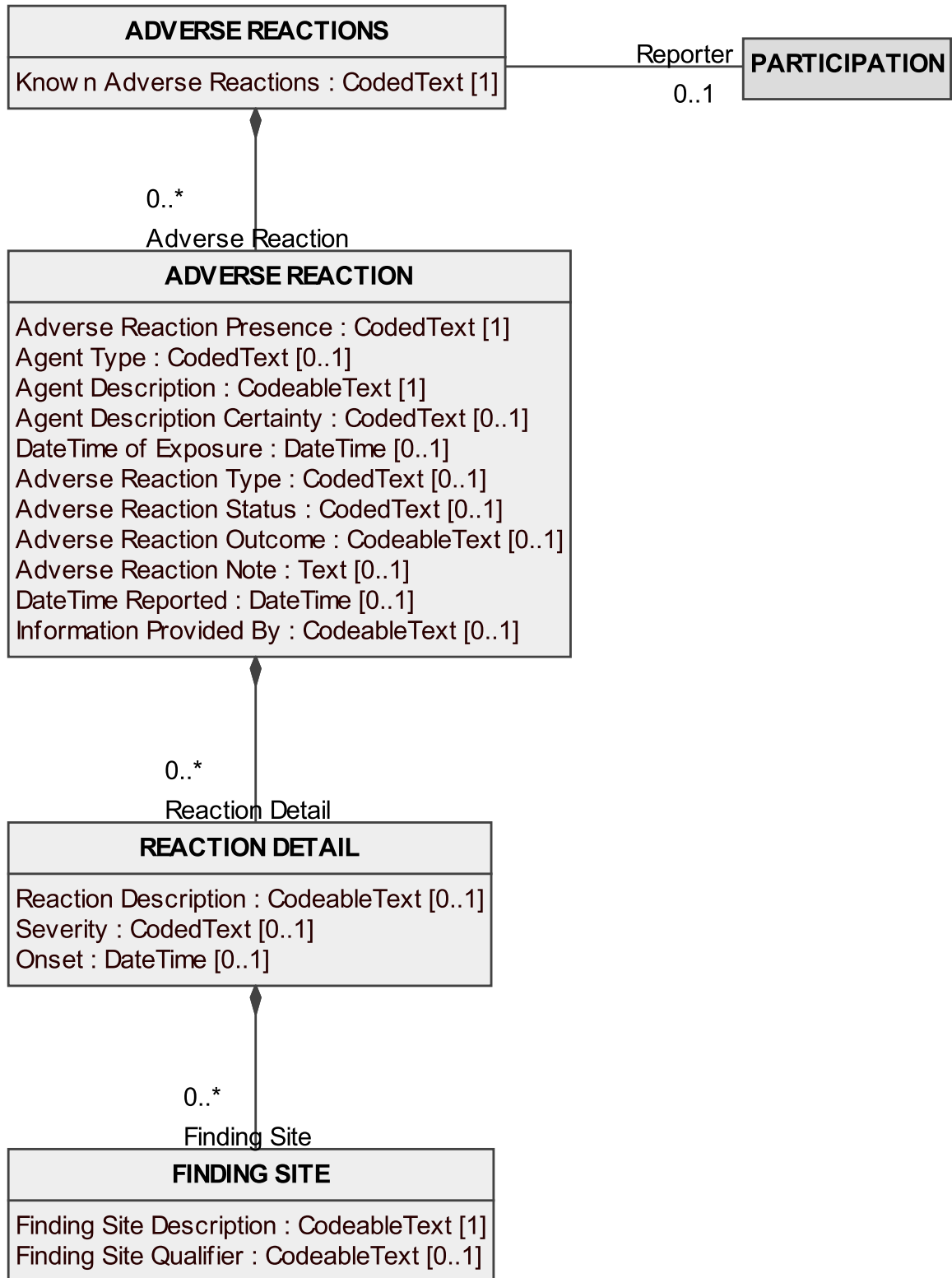
<b>Definition</b>	Details pertinent to the identification of a healthcare provider individual who is recording the adverse reaction information.
<b>Definition Source</b>	NEHTA
<b>Synonymous Names</b>	
<b>Notes</b>	

### Relationships

#### Parents

Data Type	Name	Version	Obligation	Condition	Occurrence
	<a href="#">ADVERSE REACTIONS</a>	1.0	Optional		Single

### 3 UML Diagram





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