

# AUSTRALASIAN REHABILITATION OUTCOMES CENTRE

## **INPATIENT DATA DICTIONARY V4.1**

FOR IT DEVELOPERS - NEW ZEALAND VERSION

For technical queries regarding this document or for more information, please contact the AROC team.



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## Inpatient Data Dictionary for Developers

## **BACKGROUND**

This data dictionary includes all of the data items that are in the AROC Inpatient V4 dataset. Each data item is listed, along with the definition, justification and guide for use. The language and information is aimed to assist clinically trained staff in using and understanding the AROC data. AROC recommends that this dictionary is used as a support document for staff members collecting data on our <u>data collection forms</u>. If you find that this dictionary does not adequately clarify your query of a data item, please contact <u>aroc@uow.edu.au</u>.

## INPATIENT DATA DICTIONARY VERSION

Version	Date	Nature of change
4.1	July 2022	Overall review incorporating updates to Definition, Justification and Guide for use sections to provide clarity and adding more examples.  Addition of new data items  Did the patient fall during their rehabilitation admission?  Total active therapist supervised practice minutes – physiotherapy  Total active therapist supervised practice minutes – occupational therapy  Total active therapist supervised practice minutes – speech therapy  Total active therapist supervised practice minutes – other

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## AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Item	ID	Position	Page
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Reason for delay in episode start - External support issues	E7	176	28
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Episode begin date	E10	179-188	31
Type of Accommodation prior to this impairment (NZ)	E11B	189	32
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Were any services being received within the month prior to this impairment?	E13	191	34
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Is this the first direct care rehabilitation episode for this impairment?	E24	202	37
Date multidisciplinary team rehabilitation plan established	E25	203-212	38
Date of injury/impairment onset	E26	213-222	39
Time since onset or acute exacerbation of chronic condition	E27	223	40
Date of relevant acute episode	E28	224-233	41
Mode of episode start - Inpatient	E29C	234	42
Blank Item 3	BL03	235-244	43
AROC impairment code	E40	245-251	44
Blank Item 4	BL04	252-253	47
Date episode start FIM assessed	E43	254-263	48
Admission FIM Scores (Item Group)	E44-E61	264-281	49
Blank Item 5	BL05	282-299	50
Employment status after, or anticipated employment status after discharge	E71	300	51
Date episode end FIM assessed	E72	301-310	52
Discharge FIM scores (Item Group)	E73-E90	311-328	53
Blank Item 6	BL06	329-346	54

Data Item	ID	Position	Page
Community ready date	E100	347-356	55
Was there a delay in discharge?	E101	357	56
Reason for delay in discharge - Patient related issues (medical)	E102A	358	57
Reason for delay in discharge - Service issues	E102B	359	58
Reason for delay in discharge - External support issues	E102C	360	59
Reason for delay in discharge - Equipment issues	E102D	361	60
Reason for delay in discharge - Patient behavioural issues	E102E	362	61
Is there an existing comorbidity interfering with this episode	E103	363	62
Comorbidity Items (Item Group)	E104-E107	364-371	63
Were there any complications interfering with this episode?	E108	372	64
Complication Items (Item Group)	E109-E112	373-380	65
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Mode of episode end (Inpatient)	E114C	391	67
Interim destination (NZ)	E115B	392	68
Final destination (NZ)	E116B	393	69
Carer status post discharge	E117	394	70
Total number of days seen	E118	395-397	71
Total number of occasions of service	E119	398-400	72
Disciplines involved in therapy (Item Group)	E120-E129	401-420	73
Total number of leave days	E130	421-423	74
Total number of suspension days	E131	424-426	75
Total number of suspension occurrences	E132	427-429	76
Will any services be received post discharge?	E133	430	77
Services received post discharge (Item Group)	E134-E142	431-439	78
Will a discharge plan be available to patient prior to discharge?	E143	440	79
Date patient emerged from PTA	A01	441-450	80
Duration of PTA	A02	451	81
ASIA score (AIS grade) at episode start	A03	452	82
Level of spinal cord injury at episode start	A04	453-454	83
Level of spinal cord injury at episode end	A05	455-456	84
Ventilator dependent at episode end	A06	457	85
ASIA score (AIS grade) at episode end	A07	458	86
Date ready for casting	A08	459-468	87
Phase of amputee care at episode start	A09	469	88
Phase of amputee care during episode - Delayed wound?	A10	470	89
Phase of amputee care during episode - Pre-prosthetic?	A11	471	90
Phase of amputee care during episode - Prosthetic?	A12	472	91
Phase of amputee care at episode end	A13	473	92
Prosthetic device fitted?	A14	474	93
Date of first prosthetic fitting	A15	475-484	94
Reason for delay in first prosthetic fitting	A16	485	95
Discharge timed up and go test	A17	486-489	96
Discharge 6 minute walk test	A18	490-494	97
Discharge 10 metre walk +/- aid test	A19	495-498	98
Rockwood Frailty Score (pre-morbid)	A20	499	99
Was patient able to participate in therapy from day 1?	A21	500	100
Has patient fallen in the last 12 months?	A22	501	101
Has the patient lost > 10% of their body weight in the last 12 months?	A23	502	102
General comments	Z1	503-702	103

Data Element Name: Path
Data Element ID: PATH
Short Name: Path

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The three inpatient pathways (models of care) are:

Inpatient direct care (Pathway 3):

- -The patient is under the care of the rehabilitation physician who holds the medical governance.
- -Rehabilitation is delivered in an inpatient setting.
- -The patient is accommodated overnight in the hospital and included in the bed occupancy reporting at midnight.

In-reach (Pathway 2):

- -The patient is under the care of an acute physician who holds the medical governance.
- -The rehabilitation physician or team "reaches into" the acute setting to begin the process of rehabilitation in addition to the acute care the inpatient is already receiving.

Consult/Liaison (Pathway 1):

-The patient is under the care of a physician who holds the medical governance and a rehabilitation physician or team provide a one-off consultation service.

Format:	Туре	Width	Start / End Pos.	Category	Obligation
	Numeric	1	1	Episode	Mandatory

Business Rules: N/A

Related data items: N/A

Key Dates: Effective: 01/07/2012 Revision: N/A

#### Codeset values:

1 Consult liaison

2 In-reach rehabilitation care

3 Inpatient direct care

Path Page 6

Data Element Name: Establishment ID

Data Element ID: F1
Short Name: Facild

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** A code which represents the facility.

Format: Type Width Start / End Pos. Category Obligation

Alphanumeric 10 2-11 Facility Mandatory

**Business Rules:** This would usually be the code issued by the Department of Health.

Related data items: F2

**Key Dates: Effective:** 01/07/2002 **Revision:** 2012-07-02

Establishment ID Page 7

Data Element Name: Establishment Name

Data Element ID: F2

Short Name: FacName

Pathway: 1 √ 2 √ 3 √

**Definition:** The name of the facility collecting and submitting the data

Format: Type Width Start / End Pos. Category Obligation

Alphanumeric 40 12-51 Facility

**Business Rules:** N/A

Related data items: N/A

Key Dates: Effective: Revision: N/A

Establishment Name Page 8

Data Element Name: Ward ID/Team ID

Data Element ID: F3

Short Name: WardID

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** A 4 character alphanumeric code representing a ward or team.

Format: Type Width Start / End Pos. Category Obligation

Alphanumeric 10 52-61 Facility Optional

**Business Rules:** It is not mandatory to collect this data item if the facility has only one rehabilitation ward/team.

Related data items: F4

**Key Dates: Effective:** 01/07/2007 **Revision:** 2012-07-02

Ward ID/Team ID Page 9

Data Element Name: Ward name/Team name

**Data Element ID:** 

F4

WardName **Short Name:** 

Pathway: **Definition:** 

✓ 2 3

1

The name of a ward or team within a facility.

Format:

**Key Dates:** 

**Type** 

Width

✓

Start / End Pos.

**Obligation Category** 

Alphanumeric

40

62-101

Facility

Optional

**Business Rules:** 

N/A

Related data items: F3

Effective:

01/07/2007

2012-07-02 Revision:

Ward name/Team name Page 10 Data Element Name: Patient Identifier

**Data Element ID:** D1

**Short Name:** PatientID

Pathway: 1 ✓ 2 3 ✓

Unique record number established by the facility to enable communication regarding data quality issues pertaining to that episode. **Definition:** 

Format: Type Width Start / End Pos. Category **Obligation** 

> Alphanumeric 12 102-113 Demographic Mandatory

**Business Rules:** N/A

Related data items: N/A

**Key Dates: Effective:** 01/07/2002 2012-07-02 Revision:

Patient Identifier Page 11 Data Element Name: Letters of name

Data Element ID: D3
Short Name: LON

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** This is a 5 letter character string made up of the 2nd, 3rd and 5th letters of the patient's surname,

followed by the 2nd and 3rd letters of the patient's first name.

Format: Type Width Start / End Pos. Category Obligation

Alphanumeric 5 114-118 Demographic Mandatory

**Business Rules:** In the first three spaces record the 2nd, 3rd and 5th letters of the patient's surname. In the following two

spaces, record the 2nd and 3rd letters of the patient's first name.

Related data items: N/A

Key Dates: Effective: 01/07/2012 Revision: N/A

Letters of name Page 12

Data Element Name: Date of birth

Data Element ID: D4
Short Name: DOB

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The date of birth of the patient being treated by the facility.

Format: Type Width Start / End Pos. Category Obligation

DD/MM/YYYY 10 119-128 Demographic Mandatory

**Business Rules:** N/A

Related data items: D5

**Key Dates: Effective:** 01/07/2002 **Revision:** 2012-07-02

Date of birth Page 13

Data Element Name: Date of birth estimate

D5 **Data Element ID:** 

**Short Name: DOBest** 

Pathway: 1 🗸 2 3 ✓

Flag to indicate if date of birth item is a known or estimated value. **Definition:** 

Format: Width **Obligation Type** Start / End Pos. **Category** 

> Numeric 1 129 Demographic Mandatory

N/A **Business Rules:** 

D4 Related data items:

**Effective:** 01/07/2012 N/A **Key Dates:** Revision:

**Codeset values:** 

**Estimated** 

Not estimated 2

Date of birth estimate Page 14 Data Element Name:SexData Element ID:D6Short Name:Sex

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The biological differences between males and females, as represented by a code.

Format: Type Width Start / End Pos. Category Obligation
Numeric 1 130 Demographic Mandatory

Business Rules: N/A

Related data items: N/A

**Codeset values:** 

1 Male

2 Female

3 Indeterminate

9 Not stated/inadequately defined

Sex Page 15

#### AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Indigenous Status (NZ)

Data Element ID: D7B
Short Name: IndStat

Pathway: 1 2 3 √

**Definition:** In NZ, indigenous status is a measure of whether a patient identifies as being of Maori or Non-Maori

origin.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 131 Demographic Optional

Business Rules: N/A

Related data items: N/A

**Key Dates: Effective:** 01/09/2003 **Revision:** 2012-07-02

#### **Codeset values:**

**1** Maori

4 Non-Maori

9 Not stated or inadequately defined

97

99

Response Unidentifiable

Not stated

Data Element Name: Ethnicity D8 **Data Element ID: Short Name:** Ethnicity 3  $\checkmark$ Pathway: 1 2 **Definition:** Ethnicity is defined as a social group whose members have one or more of the following four characteristics: they share a sense of common origins, claim a common and distinctive history and destiny, possess one or more dimensions of collective cultural individuality and/or feel a sense of unique collective solidarity. Format: Width Start / End Pos. Category **Obligation** Type Numeric 2 132-133 Demographic Mandatory N/A **Business Rules:** N/A Related data items: 01/07/2012 **Key Dates: Effective: Revision:** N/A **Codeset values:** 10 European not further defined New Zealand European/Pakeha 11 12 Other European Maori 21 Pacific Peoples not further defined 30 31 Samoan 32 Cook Island Maori 33 Tongan 34 Niuean 35 Tokelauan 36 Fijian Other Pacific Peoples 37 Asian not further defined 40 Southeast Asian 41 Chinese 42 Indian 43 Other Asian 44 51 Middle Eastern Latin American/ Hispanic 52 53 African (or cultural group of African origin) 61 Other Ethnicity Patient doesn't know 94 Refused to Answer 95

Ethnicity Page 17

Data Element Name: Geographical Residence (NZ) **Data Element ID: Short Name:** State\_Region 1 2 3  $\checkmark$ Pathway: Geographical residence is the region that the patient usually resides in. **Definition: Obligation** Format: **Type** Width Start / End Pos. Category Numeric 2 134-135 Demographic Mandatory **Business Rules:** N/A D10 Related data items: 01/07/2002 2012-07-02 **Effective: Key Dates:** Revision: **Codeset values:** 

Northland 11 12 Auckland Waikato 13 14 Bay of Plenty 15 Gisborne Hawkes Bay 16 Taranaki 17

Manawatu-Wanganui 18

Wellington 19 20 Tasman 21 Nelson 22 Marlborough West Coast 23 24 Canterbury 25 Otago

Southland 26

27 Chatham Islands, Kermadecs and Subantarctic Islands

Not NZ 28

Data Element Name: Postcode

**Data Element ID:** D10

**Short Name:** postcode

Pathway: 1 **√** 2 3 ✓

Postcode is the numeric descriptor for a postal delivery area, aligned with locality, suburb or place for the **Definition:** 

address of patient.

**Type** Width Start / End Pos. Category **Obligation** 

136-139

Demographic

Mandatory

8888= not applicable **Business Rules:** 

9999= not known

Numeric

D9 Related data items:

Format:

01/07/2002 2012-07-02 Effective: **Revision: Key Dates:** 

4

Postcode Page 19 Data Element Name: Funding Source (NZ) **Data Element ID: D11B Short Name: Funding** 2 3  $\checkmark$ Pathway: 1 **Definition:** The principal source of funding for the patient in rehabilitation. Format: **Type** Width Start / End Pos. Category **Obligation** Numeric 2 140-141 Demographic Mandatory **Business Rules:** If funding source = 2, 4 or 5 then complete related data item D12, Health Fund/other payer. Related data items: N/A 01/07/2002 2012-07-02 Effective: **Key Dates:** Revision: **Codeset values:** 1 NZ Ministry of Health (public patient) Private health insurance 2 Self-funded 3 Workers compensation

Motor vehicle third party personal claim 5

Other compensation (eg public liability, common law, medical negligence) 6

Other hospital or public authority (contracted care) 10 Reciprocal health care agreement (other countries) 11

NZ Disability 12

13 **Accident Compensation Corporation** 

98 Other Not known 99

Funding Source (NZ) Page 20 AROC Inpatient Data Dictionary for Developers (NZ) V4.1

**Data Element Name:** Need for interpreter service?

Data Element ID: D13
Short Name: Interp

Pathway: 1 2 3 ✓

**Definition:** An interpreter service may be paid or unpaid and includes the use of family members for interpretation.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 142 Demographic Mandatory

Business Rules: N/A

Related data items: N/A

**Codeset values:** 

1 Yes - Interpreter needed

2 No - Interpreter not needed

Data Element Name: Referral date

**Data Element ID:** 

E1

**Short Name:** 

**Business Rules:** 

Referral

Pathway:

1 **√** 2 3 **√** 

**Definition:** 

**Key Dates:** 

The date that the rehabilitation team received a referral for the patient.

Format:

**Type** 

Width

10

Start / End Pos.

143-152

Category

**Episode** 

**Obligation** Mandatory

DD/MM/YYYY

N/A Related data items:

**Effective:** 

N/A

01/07/2012

N/A

Revision:

Referral date Page 22 Data Element Name: Assessment date

**Data Element ID:** 

E2

**Short Name:** Assessment

Pathway:

1

2

3 ✓

10

**Definition:** 

The date the patient was first seen by a clinician or the rehabilitation team to assess their appropriateness for rehabilitation care.

153-162

Format:

**Type** Width DD/MM/YYYY

**Episode** Mandatory

**Obligation** 

Category

**Business Rules:** N/A

Related data items:

N/A

**Key Dates:** 

**Effective:** 01/07/2012

N/A Revision:

Start / End Pos.

Page 23 Assessment date

Data Element Name: Date clinically ready for rehabilitation care

Data Element ID:

**Short Name:** 

ClinicallyRehabReady

Pathway: 1 🗸 2 🗸 3

**Definition:** A patient is "clinically ready for rehabilitation care" when the rehabilitation physician, or physician with an

interest in rehabilitation, deems the patient ready to start their rehabilitation program and have

documented this in the patient's medical record.

Format: Type Width Start / End Pos. Category Obligation

DD/MM/YYYY 10 163-172 Episode Mandatory

**Business Rules:** N/A

Related data items: N/A

Key Dates: Effective: 01/07/2012 Revision: N/A

Data Element Name: Was there a delay in episode start?

**Data Element ID:** 

StartDelayFlag

Pathway:

**Short Name:** 

1

2 ✓

3 ✓

**Definition:** 

This item identifies whether there was a delay between the patient being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and the rehabilitation program commencing.

Format:

Width **Type** Start / End Pos. Category **Obligation** Numeric 1 Mandatory **Episode** 

**Business Rules:** 

If 1, 'Yes", complete E5-E9. If 2, "No" leave E5-E9 blank and skip to E10.

E5-E9 Related data items:

**Key Dates:** 

01/07/2012 **Effective:** 

N/A **Revision:** 

**Codeset values:** 

Yes

2

Data Element Name: Reason for delay in episode start - Patient related issues (medical)

Data Element ID:

\_\_\_

Short Name: StartDelayMedical

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** This item collects information about patient related medical issues that have caused a delay between the

patient being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and

the rehabilitation program commencing.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 174 Episode Conditional

Business Rules: Only complete if E4=1, "Yes", otherwise leave blank.

Related data items: E4

**Key Dates:** Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

Data Element Name: Reason for delay in episode start - Service issues

**Data Element ID:** 

**Short Name:** StartDelayService

Pathway:

1

2 🗸

3 **√** 

**Definition:** 

This item collects information about service issues that have caused a delay between the patient being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and the rehabilitation program commencing.

Service issues are those that are governed by the rehabilitation service or the hospital service that

impact the rehabilitation episode.

Format: Width **Type** Start / End Pos. Category **Obligation** Numeric

1 Episode Conditional

Only complete if E4=1, "Yes", otherwise leave blank. **Business Rules:** 

E4 Related data items:

01/07/2012 N/A **Key Dates: Effective:** Revision:

**Codeset values:** 

1

**Data Element Name:** Reason for delay in episode start - External support issues

Data Element ID: E7

Short Name: StartDelayExternal

Pathway: 1  $\sqrt{\phantom{a}}$  2  $\sqrt{\phantom{a}}$  3  $\sqrt{\phantom{a}}$ 

**Definition:** This item collects information about external support issues that have caused a delay between the

patient being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and

the rehabilitation program commencing.

External support issues are those that are not governed by the hospital system.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 176 Episode Conditional

Business Rules: Only complete if E4=1, "Yes", otherwise leave blank.

Related data items: E4

Key Dates: Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

Data Element Name: Reason for delay in episode start - Equipment issues

**Data Element ID:** 

**Short Name:** StartDelayEquipment

Pathway:

1

2

3

This item collects information about equipment issues that have caused a delay between the patient **Definition:** 

being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and the

rehabilitation program commencing.

Width **Obligation** Format: **Type** Start / End Pos. Category

Numeric Episode Conditional

Only complete if E4=1, "Yes", otherwise leave blank. **Business Rules:** 

Related data items:

01/07/2012 N/A **Key Dates: Effective: Revision:** 

**Codeset values:** 

Yes 1

2 Nο Data Element Name: Reason for delay in episode start - Patient behavioural issues

Data Element ID:

Short Name: StartDelayPatient

Pathway: 1  $|\checkmark|$  2  $|\checkmark|$  3  $|\checkmark|$ 

**Definition:** This item collects information about patient behavioural issues that have caused a delay between the

patient being assessed as clinically ready for rehabilitation and the rehabilitation program commencing. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and

the rehabilitation program commencing.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 178 Episode Conditional

Business Rules: Only complete if E4=1, "Yes", otherwise leave blank.

Related data items: E4

**Key Dates:** Effective: 01/07/2012 **Revision**: N/A

**Codeset values:** 

1 Yes

Data Element Name: Episode begin date

Data Element ID: E10

Short Name: BegDate

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The date the patient commenced rehabilitation care. This date defines the beginning of the rehabilitation

episode and is the date from which length of stay (LOS) calculation begins. This is not dependent on

geography or location of the patient.

The begin date for an inpatient direct episode of care, is the date that the patient's care is transferred to a rehabilitation physician or physician with an interest in rehabilitation and it's recorded in the medical record that the rehabilitation team has commenced the rehabilitation program/ provision of care. It is the date that the "care type" becomes rehabilitation, no matter where the patient is geographically located.

The begin date for an episode of consultation liaison, is the date an inpatient, under another primary care provider (e.g. Acute care,) was seen by a member of the consult team (e.g. Rehabilitation team) and there is documented evidence in the medical record that the patient meets the criteria for rehabilitation.

Format: Type Width Start / End Pos. Category Obligation

DD/MM/YYYY 10 179-188 Episode Mandatory

Business Rules: N/A

Related data items: N/A

**Key Dates:** Effective: 01/07/2002 **Revision:** 2012-07-02

Episode begin date Page 31

**Data Element Name:** Type of Accommodation prior to this impairment (NZ)

Data Element ID: E11B

Short Name: AccomPrior

Pathway: 1 2  $\checkmark$  3  $\checkmark$ 

**Definition:** The type of accommodation the patient lived in prior to the rehabilitation episode of care.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 189 Episode Mandatory

**Business Rules:** If E11= 1, private residence, then E12-E22 must be completed.

Related data items: N/A

Key Dates: Effective: 01/07/2012 Revision: N/A

#### **Codeset values:**

1 Private residence (including unit in retirement village)

2 Rest home level care

3 Hospital level care (requires 24hr nursing)

4 Community group home

5 Boarding house

6 Transitional living unit

8 Other

Data Element Name: Carer status prior to this impairment

Data Element ID: E12

Short Name: CarerPrior

Pathway: 1 2 √ 3 √

**Definition:** The level of carer support the patient received prior to their current inpatient admission. Include both paid

and/or unpaid carer support received. Paid carer support includes both government funded and private health funded carers. Unpaid carer support includes care provided by a relative, friend, and/or partner of

the patient.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 190 Episode Conditional

Business Rules: Only complete if E11=1, "Yes".

Related data items: N/A

**Key Dates:** Effective: 01/07/2007 **Revision:** 2012-07-02

#### **Codeset values:**

NO CARER and DOES NOT need one

2 NO CARER and NEEDS one

3 CARER NOT living in

4 CARER living in, NOT co-dependent

5 CARER living in, co-dependent

Data Element Name: Were any services being received within the month prior to this impairment?

Data Element ID:

Short Name: ServicesPriorFlag

Pathway: 1 | 2 | √ | 3 | ✓

**Definition:** This item identifies whether services were received by the person prior to this impairment. "Services"

refers to paid or unpaid services received in the month prior to this impairment (or exacerbation of impairment). Paid service(s) include both government funded and private health funded services. Unpaid

service(s) include care provided by a relative, friend, and/or partner of the patient.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 191 Episode Conditional

Business Rules: Only complete if E11=1, "Yes".

If E13 = 1, "Yes", then items E14-E22 must also be completed.

Related data items: E14-E22

**Key Dates:** Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

Element Group Name: Services received prior to impairment

Data Element ID Range: E14-E22

Pathway: 1  $2 \checkmark 3 \checkmark$ 

**Definition:**This item collects information about whether the patient received paid or unpaid services in the month

prior to their impairment. Paid service(s) include both government funded and private health funded services. Unpaid service(s) include care provided by a relative, friend, and/or partner of the patient.

Format: Type Width Start / End Pos. Category Obligation
Numeric 1 192-200 Episode Conditional

Numeric i 192-200 Episode Conditional

Business Rules: Only collect if E11=1 and E13=1, otherwise leave blank. If E13=1,

"Yes", then E14-E22 must also be collected.

Related data items: E13, E14-E22

Key Dates: Effective: 2012-07-01 Revision: N/A

#### **Data Items:**

ID	Data Element Name	<b>Start Position</b>
E14	Service received prior to impairment - Domestic assistance	192
E15	Service received prior to impairment - Social support	193
E16	Service received prior to impairment - Nursing care	194
E17	Service received prior to impairment - Allied health care	195
E18	Service received prior to impairment - Personal care	196
E19	Service received prior to impairment - Meals	197
E20	Service received prior to impairment - Provision of goods & equipment	198
E21	Service received prior to impairment - Transport services	199
E22	Service received prior to impairment - Case management	200

#### **Codeset values:**

1 Yes

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Employment status prior to this impairment

**Data Element ID:** 

**Short Name: EmpStatPrior** 

Pathway:

1 2 3 ✓

**Definition:** 

This item records the patient's employment status before their impairment or exacerbation of impairment.

201

Format:

**Type** Width Start / End Pos. **Category**  **Obligation** 

Numeric

1

**Episode** 

Mandatory

**Business Rules:** 

If E32= 1 and E114 =1 or 2, then E71 must also be collected.

Related data items: N/A

**Effective:** 

01/07/2002

2012-07-02 Revision:

#### **Codeset values:**

**Key Dates:** 

**Employed** 1

2 Unemployed

Student 3

Not in labour force 4

5 Retired for age

6 Retired for disability Data Element Name: Is this the first direct care rehabilitation episode for this impairment?

**Data Element ID:** 

**Short Name:** 

FirstAdm

Pathway:

1 2 3

**Definition:** This item relates to the patient's impairment and setting, not the particular facility. "Direct care" is when

the patient is under the direct care of the rehabilitation physician or team, i.e. they hold medical

governance over the patient.

The first direct care rehabilitation episode for this impairment considers only those episodes occurring in the inpatient setting regardless of facility. This aims to identify those patients that have repeated rehabilitation admissions/discharges within the inpatient setting as subsequent episodes are typically quite different to primary episodes (NOTE: subsequent episodes caused by adhering to any required jurisdictional business rules will be concatenated into one primary episode as long as they occur within the same facility).

Subsequent direct rehabilitation episodes of care are more common in certain impairments such as brain injury, spinal cord injury and/or amputee, where the patient often has multiple rehabilitation episodes across a variety of settings.

Format: Width Start / End Pos. **Obligation Type** Category

Numeric 202 **Episode** Mandatory

**Business Rules:** N/A

N/A

Related data items:

01/09/2003 2012-07-02 **Key Dates:** Effective: Revision:

#### Codeset values:

Yes

Data Element Name: Date multidisciplinary team rehabilitation plan established **Data Element ID: Short Name:** TeamPlanDate 2 3 ✓ Pathway: 1 A multidisciplinary team rehabilitation plan comprises a series of documented and agreed **Definition:** initiatives/treatment (specifying program goals and time frames), which has been established through multidisciplinary consultation and consultation with the patient. Format: Width **Obligation Type** Start / End Pos. Category DD/MM/YYYY 10 203-212 Episode Mandatory **Business Rules:** N/A N/A Related data items: 01/07/2007 **Key Dates: Effective: Revision:** 2012-07-02

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Date of injury/impairment onset **Data Element ID:** E26 **Short Name:** OnsetDate 2 3 ✓ Pathway: 1 The date of the injury or impairment that has directly driven the need for the current episode of **Definition:** rehabilitation. For example, the date the patient fractured their hip, the date the patient had a stroke, or the date the patient had a limb amputated. Format: Type Width Start / End Pos. Category **Obligation** DD/MM/YYYY 10 213-222 Episode Mandatory **Business Rules:** If the exact date is unknown, leave blank and collect E27 E27, E28 Related data items: 01/07/2012 N/A **Key Dates: Effective: Revision:** 

Data Element Name: Time since onset or acute exacerbation of chronic condition **Data Element ID:** E27 **Short Name:** OnsetTime 2 3 ✓ Pathway: 1 The time that has elapsed since the onset of the patient's condition that is the reason for this episode of **Definition:** rehabilitation care. Format: **Type** Width Start / End Pos. Category **Obligation** Numeric 1 223 Episode Conditional **Business Rules:** Only collect if E26 is unknown. If E26 is known, leave blank.

Related data items: E26, E28

**Key Dates:** Effective: 01/07/2007 **Revision:** 2012-07-02

### **Codeset values:**

Less than one month ago
1 month to less than 3 months
3 months to less than 6 months
6 months to less than a year
1 year to less than 2 years
2 years to less than 5 years

5 or more yearsUnknown

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Date of relevant acute episode **Data Element ID: Short Name:** AcuteAdmDate  $\checkmark$ Pathway: 1 2 3 The date of the acute admission relevant to the current episode of rehabilitation. **Definition:** Format: **Obligation Type** Width Start / End Pos. **Category** DD/MM/YYYY 10 224-233 **Episode** Mandatory **Business Rules:** N/A E26, E27 Related data items: 01/07/2007 2012-07-02 **Key Dates: Effective:** Revision:

Data Element Name: Mode of episode start - Inpatient

**Data Element ID:** 

E29C

**Short Name:** 

StartMode

Pathway:

2 3  $\checkmark$ 1

**Definition:** This item records the referral source of the patient for the inpatient rehabilitation episode.

**Obligation** Format: Width Start / End Pos. Category **Type** 

> Numeric 1 234 **Episode** Mandatory

**Business Rules:** N/A

Related data items: N/A

01/07/2002 2014-01-01 Effective: **Key Dates:** Revision:

## **Codeset values:**

1 Admitted from usual accommodation

Admitted from other than usual accommodation 2

3 Transferred from another hospital

Transferred from acute care in another ward

Transferred from acute specialist unit 5

Change from acute care to sub/non acute care whilst remaining on same ward 6

7 Change of sub/non acute care type

Other 8

Recommenced rehabilitation episode following suspension 9

Data Element Name: Blank Item 3

**Data Element ID:** 

BL03

**Short Name:** BlankItem3

Pathway:

1 🗸

The AROC Inpatient V4 data set does no longer require this item, leave a blank space **Definition:** 

2

Format: **Obligation Type** Width Start / End Pos. Category

**✓** 

3

10 235-244 Blank

Leave blank field in the file for BL03 **Business Rules:** 

N/A Related data items:

**Effective:** N/A **Key Dates:** Revision:

Blank Item 3 Page 43 Data Element Name: AROC impairment code

Data Element ID: E40
Short Name: Impair

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The AROC impairment codes are used to classify rehabilitation episodes into like clinical groups. The

Australian codes are based on the Uniform Data System for Medical Rehabilitation (UDSMR) codes. The

selected code should reflect the primary reason for the current episode of rehabilitation care.

Format: Type Width Start / End Pos. Category Obligation

Numeric 7 245-251 Episode Mandatory

**Business Rules:** N/A

Related data items: A1-A23

**Key Dates:** Effective: 01/07/2002 **Revision:** 2012-07-02

## **Codeset values:**

5.11

1.11	Stroke, Haemorrhagic, Left Body Involvement (Right Brain)
1.12	Stroke, Haemorrhagic, Right Body Involvement (Left Brain)
1.13	Stroke, Haemorrhagic, Bilateral Involvement
1.14	Stroke, Haemorrhagic, No Paresis
1.19	Other haemorrhagic stroke
1.21	Stroke, Ischaemic, Left Body Involvement (Right Brain)
1.22	Stroke, Ischaemic, Right Body Involvement (Left Brain)
1.23	Stroke, Ischaemic, Bilateral Involvement
1.24	Stroke, Ischaemic, No Paresis
1.29	Other ischaemic stroke
2.11	Brain Dysfunction, Non traumatic, subarachnoid haemorrhage
2.12	Brain Dysfunction, Non traumatic, Anoxic brain damage
2.13	Other non-traumatic brain dysfunction
2.21	Brain Dysfunction, Traumatic, open injury
2.22	Brain Dysfunction, Traumatic, closed injury
3.1	Neurological conditions, Multiple sclerosis
3.2	Neurological conditions, Parkinsonism
3.3	Neurological conditions, Polyneuropathy
3.4	Neurological conditions, Guillain-Barre
3.5	Neurological conditions, Cerebral palsy
3.8	Neurological conditions, Neuromuscular disorders
3.9	Other neurological conditions
4.111	Spinal Cord Dysfunction, Non-traumatic, Paraplegia, incomplete
4.112	Spinal Cord Dysfunction, Non-traumatic, Paraplegia, complete
4.1211	Spinal Cord Dysfunction, Non-traumatic, Quadriplegia incomplete C1-4
4.1212	Spinal Cord Dysfunction, Non-traumatic, Quadriplegia incomplete C5-8
4.1221	Spinal Cord Dysfunction, Non-traumatic, Quadriplegia complete C1-4
4.1222	Spinal Cord Dysfunction, Non-traumatic, Quadriplegia complete C5-8
4.13	Other non-traumatic spinal cord dysfunction
4.211	Spinal Cord Dysfunction, Traumatic, Paraplegia, incomplete
4.212	Spinal Cord Dysfunction, Traumatic, Paraplegia, complete
4.2211	Spinal Cord Dysfunction, Traumatic, Quadriplegia incomplete C1-4
4.2212	Spinal Cord Dysfunction, Traumatic, Quadriplegia incomplete C5-8
4.2221	Spinal Cord Dysfunction, Traumatic, Quadriplegia complete C1-4
4.2222	Spinal Cord Dysfunction, Traumatic, Quadriplegia complete C5-8
4.23	Other traumatic spinal cord dysfunction

AROC impairment code Page 44

Amputation of Limb, Non traumatic, Single upper amputation above the elbow

Altoo ilipat	icht Data Dictionally for Developers (112) 14.1
5.12	Amputation of Limb, Non traumatic, Single upper amputation below the elbow
5.13	Amputation of Limb, Non traumatic, Single lower amputation above the knee
5.14	Amputation of Limb, Non traumatic, Single lower amputation below the knee
5.15	Amputation of Limb, Non traumatic, Double lower amputation above the knee
5.16	Amputation of Limb, Non traumatic, Double lower amputation above/below the knee
5.17	Amputation of Limb, Non traumatic, Double lower amputation below the knee
5.18	Amputation of Limb, Non traumatic, Partial foot amputation (includes single/double)
5.19	Other non-traumatic amputation
5.21	Amputation of Limb, Traumatic, Single upper I amputation above the elbow
5.22	Amputation of Limb, Traumatic, Single upper amputation below the elbow
5.23	Amputation of Limb, Traumatic, Single lower amputation above the knee
5.24	Amputation of Limb, Traumatic, Single lower amputation below the knee
5.25	Amputation of Limb, Traumatic, Double lower amputation above the knee
5.26	Amputation of Limb, Traumatic, Double lower amputation above/below the knee
5.27	Amputation of Limb, Traumatic, Double lower amputation below the knee
5.28	Amputation of Limb, Traumatic, Partial foot amputation (includes single/double)
5.29	Other traumatic amputation
6.1	Arthritis, Rheumatoid arthritis
6.2	Arthritis, Osteoarthritis
6.9	Other arthritis
7.1	Pain, Neck pain
7.2	Pain, Back pain
7.3	Pain, Extremity pain
7.4	Pain, Headache (includes migraine)
7.5	Pain, Multi-site pain
7.9	Other pain
8.111	Orthopaedic Conditions, Fracture of hip, unilateral (includes #NOF)
8.112	Orthopaedic Conditions, Fracture of hip, bilateral (includes #NOF)
8.12	Orthopaedic Conditions, Fracture of shaft of femur (excludes femur involving knee joint)
8.13	Orthopaedic Conditions, Fracture of pelvis
8.141	Orthopaedic Conditions, Fracture of knee (includes patella, femur involving knee joint, tibia or fibula involving knee joint)
8.142	Orthopaedic Conditions, Fracture of leg, ankle, foot
8.15	Orthopaedic Conditions, Fracture of upper limb (includes hand, fingers, wrist, forearm, arm, shoulder)
8.16	Orthopaedic Conditions, Fracture of spine (excludes where the major disorder is pain)
8.17	Orthopaedic Conditions, Fracture of multiple sites
8.19	Other orthopaedic fracture
8.211	Post orthopaedic surgery, Unilateral hip replacement
8.212	Post orthopaedic surgery, Bilateral hip replacement
8.221	Post orthopaedic surgery, Unilateral knee replacement
8.222	Post orthopaedic surgery, Bilateral knee replacement
8.231	Post orthopaedic surgery, Knee and hip replacement same side
8.232	Post orthopaedic surgery, Knee and hip replacement different sides  Post orthopaedic surgery, Shoulder replacement or repair
8.24	
8.25	Post orthopaedic surgery, Post spinal surgery
8.26	Other orthopaedic surgery
8.3	Soft tissue injury Cardiac Following recent onset of new cardiac impairment
9.1	Cardiac, Following recent onset of new cardiac impairment  Cardiac, Chronic cardiac insufficiency
9.2	•
9.3	Cardiac, Heart or heart/lung transplant
10.1	Pulmonary, Chronic obstructive pulmonary disease Pulmonary, Lung transplant
10.2	Other pulmonary
10.9	Outer pullifolding

AROC impairment code Page 45

# AROC Inpatient Data Dictionary for Developers (NZ) V4.1

11	Burns
12.1	Congenital Deformities, Spina bifida
12.9	Other congenital
13.1	Other Disabling Impairments, Lymphoedema
13.3	Other Disabling Impairments, Conversion disorder
13.9	Other disabling impairments. This classification should rarely be used.
14.1	Major Multiple Trauma, Brain + spinal cord injury
14.2	Major Multiple Trauma, Brain + multiple fracture/amputation
14.3	Major Multiple Trauma, Spinal cord + multiple fracture/ amputation
14.9	Other multiple trauma
15.1	Developmental disabilities
16.1	Reconditioning following surgery
16.2	Reconditioning following medical illness
16.3	Cancer rehabilitation
18.1	COVID-19 with pulmonary issues
18.2	COVID-19 with deconditioning
18.9	COVID-19 all other

AROC impairment code Page 46

Data Element Name: Blank Item 4

Data Element ID: BL04

Short Name: BlankItem4

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The AROC Inpatient V4 data set does no longer require this item, leave a blank space

Format: Type Width Start / End Pos. Category Obligation

2 252-253 Blank

Business Rules: Leave blank field in the file for BL04

Related data items: N/A

Key Dates: Effective: Revision: N/A

Blank Item 4 Page 47

Data Element Name: Date episode start FIM assessed

Data Element ID:

E43

Short Name: StartFIMdate

Pathway:

1

**√** 2

 $\checkmark$ 

**3** ✓

Width

10

**Definition:** 

The date that the patient's admission Functional Independence Measure (FIM) scores were completed.

Format:

**Key Dates:** 

Type
DD/MM/YYYY

Start / End Pos.

254-263

**Category** Obligation

**Episode** 

Mandatory

Business Rules: N/A

\_\_\_\_

E44-E61

**Effective:** 

Related data items:

01/07/2012

Revision: N/A

Date episode start FIM assessed

**Element Group Name:** Admission FIM Scores

E44-E61 Data Element ID Range:

2 Pathway:

The patient's Functional Independence Measure (FIM) score for each of the 18 FIM items, assessed at **Definition:** 

the time of admission. This item is mandatory for the inpatient data collection.

Format: **Type** Width Start / End Pos. Category **Obligation** 

Numeric 1 264-281 Episode Mandatory

Mandatory for pathways 2 and 3 Optional for pathway 1 **Business Rules:** 

E43, E44 - E61 Related data items:

2002-07-01 N/A **Revision: Key Dates:** Effective:

## **Data Items:**

ID	Data Element Name	<b>Start Position</b>
E44	Admission FIM score for eating	264
E45	Admission FIM score for grooming	265
E46	Admission FIM score for bathing	266
E47	Admission FIM score for dressing upper body	267
E48	Admission FIM score for dressing lower body	268
E49	Admission FIM score for toileting	269
E50	Admission FIM score for bladder management	270
E51	Admission FIM score for bowel management	271
E52	Admission FIM score for transfer to bed/chair/wheelchair	272
E53	Admission FIM score for transfer to toilet	273
E54	Admission FIM score for transfer to shower/tub	274
E55	Admission FIM score for locomotion	275
E56	Admission FIM score for stairs	276
E57	Admission FIM score for comprehension	277
E58	Admission FIM score for expression	278
E59	Admission FIM score for social interaction	279
E60	Admission FIM score for problem solving	280
E61	Admission FIM score for memory	281

## **Codeset values:**

1	Total contact assistance
2	Maximal contact assistance
3	Moderate contact assistance
4	Minimal contact assistance
5	Supervision or setup
6	Modified independence
7	Complete independence

Admission FIM Scores Page 49 Data Element Name: Blank Item 5

Data Element ID: BL05

Short Name: BlankItem5

Pathway: 1 2 3 V

**Definition:** The AROC Inpatient V4 data set does no longer require this item, leave a blank space

Format: Type Width Start / End Pos. Category Obligation

18 282-299 Blank

**Business Rules:** Leave blank field in the file for BL05

Related data items: N/A

Key Dates: Effective: Revision: N/A

Blank Item 5 Page 50

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Too early to determine

6

7

Data Element Name: Employment status after, or anticipated employment status after discharge **Data Element ID: Short Name: EmpStatPost** 2 3 ✓ Pathway: 1 The patient's employment status, or anticipated employment status, after discharge. **Definition: Obligation** Format: **Type** Width Start / End Pos. Category Numeric 300 1 **Episode** Conditional **Business Rules:** Only complete if E23=1 Related data items: N/A 01/07/2012 N/A **Effective:** Revision: **Key Dates: Codeset values:** 1 Same or similar job, same or similar hours 2 Same or similar job, reduced hours Different job by choice 3 Different job due to reduced function 4 5 Not able to work Chosen to retire

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Date episode end FIM assessed

**Data Element ID:** 

**Short Name:** 

EndFIMdate

Pathway:

1 2 3 **√** 

**Definition:** 

The date the patient's discharge Functional Independence Measure (FIM) scores were completed.

Start / End Pos.

Format:

**Type** Width

DD/MM/YYYY

10

301-310

**Category Episode** 

**Obligation** Mandatory

**Business Rules:** 

N/A

Related data items:

E73-E90

**Effective:** 

**Key Dates:** 

01/07/2002

Revision:

2012-07-02

Element Group Name: Discharge FIM scores

Data Element ID Range: E73-E90

Pathway: 1  $\bigcirc$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The patient's Functional Independence Measure (FIM) score for each of the 18 FIM items, assessed at

the time of discharge. This item is mandatory for the inpatient data collection.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 311-328 Episode Mandatory

Business Rules: N/A

Related data items: E72, E73- E90

Key Dates: Effective: 2002-07-01 Revision: N/A

## **Data Items:**

ID	Data Element Name	<b>Start Position</b>
E73	Discharge FIM score for eating	311
E74	Discharge FIM score for grooming	312
E75	Discharge FIM score for bathing	313
E76	Discharge FIM score for dressing upper body	314
E77	Discharge FIM score for dressing lower body	315
E78	Discharge FIM score for toileting	316
E79	Discharge FIM score for bladder management	317
E80	Discharge FIM score for bowel management	318
E81	Discharge FIM score for transfer to bed/chair/wheelchair	319
E82	Discharge FIM score for transfer to toilet	320
E83	Discharge FIM score for transfer to shower/tub	321
E84	Discharge FIM score for locomotion	322
E85	Discharge FIM score for stairs	323
E86	Discharge FIM score for comprehension	324
E87	Discharge FIM score for expression	325
E88	Discharge FIM score for social interaction	326
E89	Discharge FIM score for problem solving	327
E90	Discharge FIM score for memory	328

### **Codeset values:**

1	lotal contact assistance
2	Maximal contact assistance
3	Moderate contact assistance
4	Minimal contact assistance
5	Supervision or setup
6	Modified independence
7	Complete independence

Discharge FIM scores Page 53

Data Element Name: Blank Item 6

**Data Element ID:** 

BL06

BlankItem6

Pathway:

**Short Name:** 

1 🗸

2

3

**Definition:** 

The AROC Inpatient V4 data set does no longer require this item, leave a blank space

Format:

**Type** 

Width

**✓** 

Start / End Pos.

Category

**Obligation** 

**Key Dates:** 

18

329-346

Blank

**Business Rules:** 

Leave blank field in the file for BL06

N/A Related data items:

**Effective:** 

N/A Revision:

Blank Item 6 Page 54 Data Element Name: Community ready date E100 **Data Element ID: Short Name:** ClinicallyDischargeReady 2 3 Pathway: 1 **Definition:** A patient should be defined as ready to be discharged to the community (community ready) when: •The patient no longer requires the intensity of therapy provided by an inpatient rehab service. For example, further rehab could be provided in an ambulatory setting if available. •The patient has achieved a level of function that allows them to be safely discharged to the community based on their dwelling/social/geographical/financial status. •The patient's level of function is stable enough to enable prediction of long term support needs (if required). •The patient is medically stable (including comorbidities) and can be managed in the community by a GP. Format: Width **Type** Start / End Pos. Category **Obligation** DD/MM/YYYY 10 347-356 Episode Mandatory **Business Rules:** Completion is mandatory if E114= 1 or 2.

Completion is optional if E114= 3-9

Related data items: E114

01/07/2012 N/A Effective: Revision: **Key Dates:** 

Community ready date Page 55 Data Element Name: Was there a delay in discharge?

**Data Element ID:** 

E101

**Short Name:** 

EndDelayFlag

Pathway: **Definition:** 

1

2

This item identifies whether there was a delay between the patient being assessed as clinically ready for

discharge from inpatient rehabilitation and the date of discharge. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and the date of discharge from the

rehabilitation program.

Type Width Format: Start / End Pos. Category **Obligation** 

Numeric Episode Mandatory

If 1, 'Yes", complete E102A-E. If 2, "No" leave E102A-E blank and skip to E103. **Business Rules:** 

3  $\checkmark$ 

E102A-E102E Related data items:

01/07/2012 **Key Dates:** Effective: **Revision:** N/A

**Codeset values:** 

Yes

**Data Element Name:** Reason for delay in discharge - Patient related issues (medical)

Data Element ID: E102A

Short Name: EndDelayMedical

Pathway: 1 2  $\checkmark$  3  $\checkmark$ 

**Definition:** This item collects information about patient related medical issues that have caused a delay in discharge.

A delay is only recorded when there is more than 24 hours between being assessed as clinically ready

and the date of discharge from the rehabilitation program.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 358 Episode Conditional

Business Rules: Only complete if E101 = 1, 'Yes", otherwise leave blank and skip to E103.

Related data items: E101

**Key Dates:** Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

**Data Element Name:** Reason for delay in discharge - Service issues

Data Element ID: E102B

Short Name: EndDelayService

Pathway: 1 2  $\checkmark$  3  $\checkmark$ 

**Definition:** This item collects information about service issues that have caused a delay between the patient being

assessed as clinically ready for discharge from inpatient rehabilitation and the date of discharge. A delay is only recorded when there is more than 24 hours between being assessed as clinically ready and the

date of discharge from the rehabilitation program.

Service issues are those that are governed by the rehabilitation service or the hospital service that

impact the rehabilitation episode.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 359 Episode Conditional

Business Rules: Only complete if E101 = 1, 'Yes", otherwise leave blank and skip to E103.

Related data items: E101

**Key Dates:** Effective: 01/07/2012 **Revision**: N/A

**Codeset values:** 

**1** Ye

**Data Element Name:** Reason for delay in discharge - External support issues

Data Element ID: E102C

Short Name: EndDelayExternal

Pathway: 1 | 2 | √ | 3 | √

**Definition:** This item collects information about external support issues that have caused a delay between the

patient being assessed as clinically ready for discharge from inpatient rehabilitation and the date of discharge. A delay is only recorded when there is more than 24 hours between being assessed as

clinically ready and the date of discharge from the rehabilitation program.

External support issues are those that are not governed by the hospital system.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 360 Episode Conditional

**Business Rules:** Only complete if E101 = 1, 'Yes", otherwise leave blank and skip to E103.

Related data items: E101

Key Dates: Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

**Data Element Name:** Reason for delay in discharge - Equipment issues

Data Element ID: E102D

Short Name: EndDelayEquipment

Pathway: 1 2 √ 3 √

**Definition:** This item collects information about equipment issues that have caused a delay in discharge. A delay is

only recorded when there is more than 24 hours between being assessed as clinically ready and the date

of discharge from the rehabilitation program.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 361 Episode Conditional

Business Rules: Only complete if E101 = 1, 'Yes", otherwise leave blank and skip to E103.

Related data items: E101

**Key Dates:** Effective: 01/07/2012 **Revision:** N/A

**Codeset values:** 

1 Yes

Data Element Name: Reason for delay in discharge - Patient behavioural issues

Data Element ID: E102E

Short Name: EndDelayPatient

Pathway: 1 2  $\checkmark$  3  $\checkmark$ 

**Definition:** This item collects information about patient behavioural issues that have caused a delay in discharge. A

delay is only recorded when there is more than 24 hours between being assessed as clinically ready and

the date of discharge from the rehabilitation program.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 362 Episode Conditional

**Business Rules:** Only complete if E101 = 1, 'Yes", otherwise leave blank and skip to E103.

Related data items: E101

**Key Dates:** Effective: 01/07/2012 **Revision:** N/A

**Codeset values:** 

1 Yes

Data Element Name: Is there an existing comorbidity interfering with this episode

**Data Element ID:** 

ComorbFlag

**Short Name:** 

1 **✓** 2 3 ✓ Pathway:

A comorbidity is defined as any other significant existing illness/impairment, not part of the principal **Definition:** 

impairment, which interfered with the process of rehabilitation.

**Obligation** Format: **Type** Width Start / End Pos. Category

> Numeric 1 363 Episode Mandatory

**Business Rules:** Must answer 1=Yes or 2=No. Do not leave blank.

If 'Yes', then specify the co morbidities in E104-E107

E104-E107 Related data items:

01/07/2007 2012-07-02 **Effective: Revision: Key Dates:** 

**Codeset values:** 

1 Yes

Comorbidity Items **Element Group Name:** 

E104-E107 Data Element ID Range:

Pathway:

**Definition:** Comorbidities interfering with the rehabilitation program (up to four can be selected).

Format: **Type** Width Start / End Pos. Category **Obligation** 2 Numeric 364-371 Episode Conditional

If E103 is 1=Yes then specify the comorbidities in E104-E107. E104 must have a response. Where less **Business Rules:** 

than four comorbidities are reported leave the remaining columns blank. If E103 is 2=No then leave E104-

E107 blank.

E103, E104 - E107 Related data items:

2002-07-01 Effective: Revision: N/A **Key Dates:** 

### **Data Items:**

ID	Data Element Name	Start Position	
E104	Comorbidities Interfering with Rehabilitation Episode (1)	364	
E105	Comorbidities Interfering with Rehabilitation Episode (2)	365	
E106	Comorbidities Interfering with Rehabilitation Episode (3)	366	
E107	Comorbidities Interfering with Rehabilitation Episode (4)	367	

## **Codeset values:**

1 Cardia	ac disease
----------	------------

- 2 Respiratory disease
- 3 Drug and alcohol abuse
- 4 Dementia
- 5 Delirium, pre-existing
- 6 Mental health problem
- Renal failure with dialysis
- Renal failure NO dialysis 8
- 9 **Epilepsy**
- 10 Parkinson's disease
- Stroke 11
- Spinal cord injury/disease 12
- 13 Brain injury
- 14 Multiple sclerosis
- 15 Hearing impairment
- 16 Diabetes mellitus
- 17 Morbid obesity
- Inflammatory arthritis 18
- Osteoarthritis 19
- 20 Osteoporosis
- 21 Chronic pain
- Cancer 22
- Pressure ulcer, pre-existing 23
- Visual impairment 24
- Acute COVID (1-4 weeks) 26 Post COVID (5-12 weeks)
- Long COVID (13+ weeks) 27
- 99 Other

25

Comorbidity Items Page 63 Data Element Name: Were there any complications interfering with this episode?

Data Element ID: E108

Short Name: CompFlag

Pathway: 1 2  $\checkmark$  3  $\checkmark$ 

**Definition:** A complication may be defined as a disease or disorder concurrent with the principal impairment (or

exacerbation of impairment), which prevents the patient from engaging at the anticipated intensity in their planned rehabilitation program. Report only those complications arising during the rehabilitation episode.

Type Width Start / End Pos. Category Obligation

Numeric 1 372 Episode Mandatory

**Business Rules:** Must answer 1=Yes or 2=No. Do not leave blank.

If 'Yes', then specify the complications in E109-E112.

Related data items: E109-E112

Key Dates: Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

Format:

1 Yes

Complication Items **Element Group Name:** E109-E112 **Data Element ID Range:** 2 Pathway: **Definition:** Complications arising during the rehabilitation episode and interfering with the planned rehabilitation program (up to four can be selected). Format: Start / End Pos. **Obligation Type** Width Category 2 numeric 373-380 Episode Conditional **Business Rules:** If E108 is 1=Yes then specify the complications in E109-E112. E109 must have a response. Where less than four complications are reported leave the remaining columns blank. If E108 is 2=No then leave E109-E112 blank. Related data items: E108, E109 - E112 2007-07-01 N/A **Key Dates: Effective:** Revision: **Data Items:** ID **Data Element Name Start Position** E109 Complication interfering with this episode (1) 373 Complication interfering with this episode (2) 374 E110

375

376

# E112 Complication interfering with this episode (4)

E111

Codeset valu	ies:
1	UTI
2	Incontinence faecal
3	Incontinence urinary
4	Delirium
5	Fracture
6	Pressure ulcer
7	Wound infection
8	DVT/PE
9	Chest infection
10	Significant electrolyte imbalance
11	Fall
12	Faecal impaction
13	Acute COVID 1-28 days since COVID diagnosis (Weeks 1-4)
99	Other

Complication interfering with this episode (3)

Complication Items Page 65

Data Element Name: Episode end date

Data Element ID: E113
Short Name: EndDate

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The date that the patient completed their rehabilitation episode. This date defines the end of the

rehabilitation episode and is the date at which the length of stay (LOS) concludes.

The inpatient rehabilitation episode ends when the patient is discharged from the rehabilitation unit and/or the care type is changed from rehabilitation to acute or some other form of sub-acute care type (maintenance/palliative care), no matter where the patient is physically located (rehabilitation ward/ acute

ward).

The end date for a consultation liaison episode of rehabilitation is when the rehabilitation physician or team has completed the one-off consultation, no matter where the patient is physically located (rehabilitation ward/acute ward). A consultation begin and end date may be the same at times.

Format: Type Width Start / End Pos. Category Obligation
DD/MM/YYYY 10 381-390 Episode Mandatory

Business Rules: N/A

Related data items: N/A

**Key Dates: Effective:** 01/07/2002 **Revision:** 2012-07-02

Episode end date Page 66

Data Element Name: Mode of episode end (Inpatient)

Data Element ID: E114C
Short Name: EndMode

Pathway: 1  $\boxed{\phantom{a}}$  2  $\boxed{\checkmark}$  3  $\boxed{\checkmark}$ 

**Definition:** This item records data about where the patient went to at the end of their inpatient rehabilitation episode.

There are two broad categories reflecting where the patient can go:

1.Back to the community

2.Remain in the hospital system.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 391 Episode Mandatory

Business Rules: If E114=1, complete E116.

If E114=2, complete E115 and if known, E116.

Related data items: E100

**Key Dates:** Effective: 01/07/2002 **Revision:** 2012-07-02

### **Codeset values:**

1 Discharged to final destination

2 Discharged to interim destination

3 Death

4 Discharged/transferred to other hospital

5 Care type change and transferred to a different ward

6 Care type change and remained on same ward

7 Change of care type within sub/non acute care

8 Discharged at own risk

9 Other and unspecified

Data Element Name: Interim destination (NZ)

Data Element ID: E115B

Short Name: Accominterim

Pathway: 1 2  $\sqrt{\phantom{a}}$  3  $\sqrt{\phantom{a}}$ 

**Definition:** This and the next item collect the type of accommodation a patient is going to post discharge from

rehabilitation. An interim destination may be defined as accommodation that is only intended to be

temporary, which the rehabilitation team considers as a 'middle step' to a final destination.

Type Width Start / End Pos. Category Obligation

Numeric 1 392 Episode Conditional

Business Rules: Only complete if E114=2.

Complete E116 if known.

Related data items: E116

Key Dates: Effective: 01/07/2012 Revision: N/A

### **Codeset values:**

Format:

1 Private residence (including unit in retirement village)

2 Rest home level care

3 Hospital level care (requires 24hrs nursing)

4 Community group home

5 Boarding house

6 Transitional living unit

7 Hospital

8 Other

9 Unknown

Interim destination (NZ) Page 68

Data Element Name: Final destination (NZ)

Data Element ID: E116B

Short Name: AccomFinal

**Definition:** Final destination may be defined as the accommodation that a patient is discharged to that is the most

appropriate long term accommodation for the patient.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 393 Episode Conditional

**Business Rules:** If E114=1 or 2, then E116 must be completed if known.

Related data items: E115

**Key Dates: Effective:** 01/09/2003 **Revision:** 2012-07-02

## **Codeset values:**

1 Private residence (including unit in retirement village)

2 Rest home level care

3 Hospital level care (requires 24hrs nursing)

4 Community group home

5 Boarding house

6 Transitional living unit

8 Other

9 Unknown

Final destination (NZ)

Page 69

Data Element Name: Carer status post discharge

Data Element ID: E117

Short Name: DisCarer

Pathway: 1 2 √ 3 √

**Definition:** The level of carer support the patient receives post discharge from their inpatient rehabilitation episode of

care. Including both paid and/or unpaid carers. Paid carer support includes both government funded and private health funded carers. Unpaid carer support includes care provided by a relative, friend and/or

partner of the patient.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 394 Episode Conditional

**Business Rules:** Complete only if E 115 and/or E116=1

Related data items: N/A

**Key Dates: Effective:** 01/07/2007 **Revision:** 2012-07-02

### **Codeset values:**

NO CARER and DOES NOT need one

2 NO CARER and NEEDS one

3 CARER NOT living in

4 CARER living in, NOT co-dependent

5 CARER living in, co-dependent

Data Element Name: Total number of days seen E118 **Data Element ID: Short Name:** daysseen Pathway: 1 🗸 2 3 The total number of days that therapy was provided to the patient during their episode of care. **Definition:** Format: Width **Obligation Type** Start / End Pos. **Category** Numeric 3 395-397 **Episode** Mandatory **Business Rules:** N/A N/A Related data items: **Effective:** 07/01/2012 N/A **Key Dates:** Revision:

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Total number of occasions of service **Data Element ID:** E119 **Short Name:** occasions **√** 2 3 Pathway: 1 **Definition:** The total number of occasions of service to the patient. An occasion of service may be defined as each time therapy is provided to the patient; one therapy provider may provide an occasion of service to one or many patients at the same time (individual vs. group therapy). A patient may receive a number of occasions of service on the same day (e.g., physiotherapy in the morning and speech pathology in the afternoon). Format: Width Start / End Pos. **Obligation Type** Category 3 Numeric 398-400 Episode Mandatory **Business Rules:** N/A N/A Related data items: 07/01/2012 N/A **Effective: Revision: Key Dates:** 

Element Group Name: Disciplines involved in therapy

Data Element ID Range: E120-E129

**Definition:** The type(s) of health professional or other care provider who provided treatment to the patient during

their rehabilitation episode of care, as represented by a code.

Format: Type Width Start / End Pos. Category Obligation

Numeric 2 401-420 Episode Mandatory

Business Rules: E120 and E121 must be completed, E122-E129 may be left blank if not required

If E120-E129 = 98 (Other) please specify in Z1 (comments)

Related data items: E118, E119, Z1

Key Dates: Effective: 2012-07-01 Revision: N/A

#### **Data Items:**

ID	Data Element Name	<b>Start Position</b>
E120	Staff type providing therapy during episode of care	401
E121	Staff type providing therapy during episode of care	402
E122	Staff type providing therapy during episode of care	403
E123	Staff type providing therapy during episode of care	404
E124	Staff type providing therapy during episode of care	405
E125	Staff type providing therapy during episode of care	406
E126	Staff type providing therapy during episode of care	407
E127	Staff type providing therapy during episode of care	408
E128	Staff type providing therapy during episode of care	409
E129	Staff type providing therapy during episode of care	410

#### Codeset values:

1	Aboriginal/Maori I	Liaison Worker
---	--------------------	----------------

- 2 Audiologist
- 3 Case Manager
- 4 Clinical Nurse Consultant
- 5 Clinical Nurse Specialist
- 6 Community support worker
- 7 Dietitian
- 8 Enrolled nurse
- 9 Exercise physiologist / Remedial Gymnast
- 10 Educational tutor
- 11 Hydrotherapist
- 12 Interpreter
- 13 Medical Officer
- 14 Nurse Practitioner
- 15 Neuro-psychologist
- 16 Occupational Therapist
- 17 Physiotherapist
- 18 Podiatrist
- 19 Psychologist
- 20 Registered Nurse
- 21 Recreational Therapist
- 22 Speech Pathologist/Therapist
- 23 Social Worker
- 24 Therapy Aide
- 25 Vocational Co-ordinator
- 98 Other

Data Element Name: Total number of leave days **Data Element ID:** E130 **Short Name:** Leave Pathway: 2 3 1 **Definition:** Leave days are a temporary absence from hospital, with medical approval, for a period no greater than seven consecutive days. A leave day must be over a midnight period, i.e. 'day leave' without staying away from the hospital overnight is not counted as a 'leave day'. Format: Width Start / End Pos. **Obligation Type** Category Numeric 3 421-423 Episode Mandatory **Business Rules:** Do not leave this item blank. If there were no leave days, record "0". N/A Related data items: 01/07/2002 2012-07-02 **Effective: Revision: Key Dates:** 

Data Element Name: Total number of suspension days E131 **Data Element ID: Short Name:** SusDays 2 3 Pathway: 1 **Definition:** The sum of the number of days rehabilitation treatment was suspended for a medical reason during an episode of rehabilitation. Where a patient's rehabilitation treatment is suspended for a period, and the patient then comes back onto the same program of rehabilitation (that is, a new program is not required to be developed), then the period of absence is counted as a suspension. It does not matter how long the period of suspension of treatment is, as long as the patient comes back onto the same program of rehabilitation. The suspension period must be a minimum of 1 day (24 hours). Format: **Type** Width Start / End Pos. Category **Obligation** 3 Numeric 424-426 **Episode** Mandatory Do not leave this item blank. If there were no suspension days, record "0" **Business Rules:** Related data items: E132 01/07/2002 **Effective:** 2012-07-02 **Key Dates: Revision:** 

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Total number of suspension occurrences **Data Element ID:** E132 **Short Name:** SusOcc Pathway: 1 2 3 ✓ The total number of rehabilitation treatment suspension occurrences during this admission. **Definition:** Format: **Obligation Type** Width Start / End Pos. **Category** Numeric 3 427-429 **Episode** Mandatory **Business Rules:** If the patient had their treatment suspended then this item must be completed. Related data items: E131 01/07/2007 2012-07-02 **Effective:** Revision: **Key Dates:** 

Data Element Name: Will any services be received post discharge?

Data Element ID:

E133

Short Name: ServicesPostFlag

Pathway:

1

2 ✓

3 ✓

**Definition:** 

This item identifies whether services were necessary post discharge. "Services" refers to paid or unpaid services required post discharge, that is: all services that have been discussed, agreed, planned and booked for the patient prior to discharge. Paid service(s) include both government funded and private health funded services. Unpaid service(s) include care provided by a relative, friend, or partner.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 430 Episode Conditional

Business Rules: Only collect if E116=1.

If answer 1,"Yes", collect E134- E142.

Related data items: E134-E142

**Key Dates:** Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

**1** Ye

Element Group Name: Services received post discharge

Data Element ID Range: E134-E142

Pathway: 1 2 √ 3 √

**Definition:** This item collects information about whether services were necessary post discharge. "Services" refers to

paid or unpaid services required post discharge, that is: all services that have been discussed, agreed, planned and booked for the patient prior to discharge. Paid service(s) include both government funded and private health funded services. Unpaid service(s) include care provided by a relative, friend, and/or

partner of the patient.

Format: Type Width Start / End Pos. Category Obligation
Numeric 1 431-439 Episode Conditional

**Business Rules:** Only collect if E133= 1, otherwise leave blank. If E133=1, "Yes",

then E134- E142 must be collected.

Related data items: E133, E134- E142

Key Dates: Effective: 2012-07-01 Revision: N/A

### **Data Items:**

ID	Data Element Name	Start Position
E134	Service received post discharge - Domestic assistance	431
E135	Service received post discharge - Social support	432
E136	Service received post discharge - Nursing care	433
E137	Service received post discharge - Allied health care	434
E138	Service received post discharge - Personal care	435
E139	Service received post discharge - Meals	436
E140	Service received post discharge - Provision of goods & equipment	437
E141	Service received post discharge - Transport services	438
E142	Service received post discharge - Case management	439

## **Codeset values:**

1 Yes

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Will a discharge plan be available to patient prior to discharge? **Data Element ID: Short Name:** DisPlan 2 3  $\checkmark$ Pathway: 1 A discharge plan is a formal document that summarises the episode of rehabilitation, and provides **Definition:** information about medications the patient was receiving on discharge, and follow-up care (such as doctor's appointments). This document may also be sent to the GP on discharge. Format: Width **Obligation Type** Start / End Pos. Category Numeric 1 440 Mandatory **Episode Business Rules:** N/A N/A Related data items: Effective: 01/07/2007 **Key Dates: Revision:** 2012-07-02 **Codeset values:** 

1 Yes

Data Element Name: Date patient emerged from PTA

**Data Element ID:** 

A01

**Short Name:** 

PTA Date

Pathway:

1 🗸

2

3

The date the patient emerged from post traumatic amnesia (PTA). **Definition:** 

Type Format:

Width

Start / End Pos.

Category **Obligation** 

DD/MM/YYYY

10

441-450

Episode Conditional

**Business Rules:** 

Collect for all TBI episodes (AROC impairments 2.21, 2.22, 14.1 and 14.2) Leave blank for all other AROC impairment codes. If "Date emerged from PTA is known, leave "Duration of PTA" blank. If "Date Emerged from PTA" is unknown, leave this item blank and complete "Duration of PTA" instead.

E40 Related data items:

07/01/2012 **Key Dates: Effective:** 

N/A **Revision:** 

Data Element Name: Duration of PTA

**Data Element ID:** 

A02

**Short Name: DurationOfPTA** 

1 2 3 **√** Pathway: **√** 

The number of days a patient with a traumatic brain injury (TBI) was in post traumatic amnesia (PTA). **Definition:** 

Format: Width Start / End Pos. Category **Obligation Type** Numeric 451 1 Episode Conditional

**Business Rules:** 

Collect for all TBI episodes (AROC impairments 2.21, 2.22, 14.1 and 14.2). Leave blank for all other AROC impairment codes. "Duration of PTA" should only be completed if "Date emerged from PTA" is unknown or has been left blank and conversely, it should not be collected when "Date emerged from

PTA" has a date entered.

Related data items: E40, A1

07/01/2012 2017-01-04 **Key Dates:** Effective: **Revision:** 

## **Codeset values:**

PTA not recorded 0

0 days (i.e. never in PTA) 1

2 1 day (i.e. couple of mins up to 24 hours)

2-7 days 3

8-28 days

29-90 days 5

91-182 days

183 days or more (chronic amnesic)

8 PTA unable to be recorded

9 In PTA at discharge

**Duration of PTA** Page 81 Data Element Name: ASIA score (AIS grade) at episode start **Data Element ID:** A03 **Short Name: ASIAStart** Pathway: 2 3 ✓ 1 The patient's American Spinal Injury Association Impairment Scale (AIS) grade at the start of their **Definition:** rehabilitation episode. Format: **Type** Width Start / End Pos. Category **Obligation** Numeric 1 452 Episode Conditional **Business Rules:** Collect for AROC impairment code 4 only. Leave blank for all other AROC impairment codes. E40 Related data items: 07/01/2012 N/A **Key Dates: Effective: Revision: Codeset values:** 1 Α 2 В 3 С D

Ε

Data Element Name: Level of spinal cord injury at episode start **Data Element ID: Short Name:** LevelOfSCIStart 2 ✓ 3 **√** Pathway: 1 The level of spinal cord injury (SCI) at the start of their rehabilitation episode of care. **Definition: Obligation** Format: **Type** Width Start / End Pos. Category Numeric 2 453-454 **Episode** Conditional **Business Rules:** Collect for AROC impairment code 4 only. Leave blank for all other AROC impairment codes. Related data items: E40 **Key Dates:** Effective: 07/01/2012 N/A **Revision: Codeset values:** 2 C2 C3 3 C4 C5 5 C6 6 C7 7 C8 8 T1 9 10 T2 11 T3 12 T4 13 T5 T6 14 T7 15 T8 16 Т9 17 T10 18 T11 19 T12 20 L1 21 22 L2 23 L3 L4 24 L5 25 S1 26 27 S2 S3 28

S4

S5

29

Data Element Name: Level of spinal cord injury at episode end

**Data Element ID:** 

LevelOfSCIEnd

**Short Name:** 

Pathway:

1

 $\checkmark$ 2 ✓ 3 **√** 

The level of spinal cord injury (SCI) within the week prior to discharge from rehabilitation. **Definition:** 

**Obligation** Format: **Type** Width Start / End Pos. Category

> Numeric 2 455-456 **Episode** Conditional

**Business Rules:** Collect for AROC impairment code 4 only.

Leave blank for all other AROC impairment codes.

E40,A4 Related data items:

07/01/2012 N/A **Key Dates: Effective: Revision:** 

Co	de	Set	va	lues:
$\mathbf{v}$	uc.	361	v a	iucs.

- 1 C1
- C2 2
- C3 3
- C4
- C5 5
- C6 6
- C7 7
- C8 8
- T1 9
- 10 T2
- 11 T3
- 12 T4 13 T5
- T6 14
- T7 15
- T8
- 16 Т9 17
- T10 18
- T11 19
- T12 20
- L1 21
- 22 L2
- 23 L3
- L4 24
- L5 25

S1

27 S2

- S3 28
- S4 29
- S5 30

Data Element Name: Ventilator dependent at episode end

**Data Element ID:** 

**Short Name:** Flag\_VentilatorDependentEnd Pathway: 2 🗸 3 ✓

Ventilator dependent may be defined as the use of mechanical ventilation for at least six hours daily for **Definition:** 

at least 21 days.

Format: Type Width Start / End Pos. Category **Obligation** 

> Numeric 457 Episode Conditional

**Business Rules:** Collect for AROC impairment code 4 only.

Leave blank for all other AROC impairment codes.

E40 Related data items:

07/01/2012 N/A **Key Dates: Effective: Revision:** 

**Codeset values:** 

1

Data Element Name: ASIA score (AIS grade) at episode end **Data Element ID: Short Name:** ASIA Score End **ASIAEnd** Pathway: 1 2 🗸 3 ✓ The patient's American Spinal Injury Association Impairment Scale (AIS) grade in the week prior to **Definition:** discharge from rehabilitation. Format: **Type** Width Start / End Pos. Category **Obligation** Numeric 1 458 Conditional Episode Collect for AROC impairment code 4 only. **Business Rules:** Leave blank for all other AROC impairment codes. E40, A3 Related data items: Effective: 07/01/2012 N/A **Key Dates:** Revision: **Codeset values:** 2 В 3 С D

Ε

Data Element Name: Date ready for casting

Data Element ID: AC

**Short Name:** ReadyForCastingDate

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The date the treating rehabilitation physician or team deems the stump is ready for casting.

Format: Type Width Start / End Pos. Category Obligation

DD/MM/YYYY 10 459-468 Episode Conditional

Business Rules: Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes. Only complete if A14=1. If the date is known enter exact date. Use date format DD/MM/YYYY. If casting is planned but the date is not yet known enter 07/07/7777.

If casting is not clinically appropriate enter 08/08/8888.

Related data items: E40

Key Dates: Effective: 07/01/2012 Revision: N/A

Date ready for casting Page 87

Data Element Name: Phase of amputee care at episode start

Data Element ID: A09

Short Name: AmputeeCareStart

Pathway: 1  $|\checkmark|$  2  $|\checkmark|$  3  $|\checkmark|$ 

**Definition:** The phase of amputee care the patient is in at episode start (admission).

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 469 Episode Conditional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes.

Related data items: E40

**Key Dates: Effective:** 07/01/2012 **Revision:** N/A

**Codeset values:** 

1 Pre-operative

2 Delayed wound

3 Pre-prosthetic

4 Prosthetic

5 Follow-up

Data Element Name: Phase of amputee care during episode - Delayed wound?

**Data Element ID:** 

**Short Name:** PhaseWound

2

Pathway: 1

**Definition:** The phase "delayed wound" is the phase where problems with wound healing occur and additional

interventions should be considered including: revision surgery, vascular and infection evaluation,

aggressive local wound care and hyperbaric oxygen.

3  $\checkmark$ 

**Obligation** Format: Width **Type** Start / End Pos. Category

> Numeric 470 Conditional Episode

Collect for AROC impairment code 5 only. **Business Rules:** 

Leave blank for all other AROC impairment codes.

Related data items: E40, A9, A11, A12, A13

01/07/2012 N/A **Key Dates: Effective:** Revision:

**Codeset values:** 

Yes

Data Element Name: Phase of amputee care during episode - Pre-prosthetic?

Data Element ID: A

**Short Name:** PhasePreProsthetic

Pathway: 1  $\bigcirc$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** Pre-prosthetic phase is the phase where a patient is discharged from acute care and enters an inpatient

rehabilitation program or is treated in an ambulatory setting. Post-operative assessment to review patient's status, including physical and functional assessment; completion of FIM baseline and other relevant assessments are completed. Rehabilitation goals are determined, rehabilitation treatment plan is established and updated and patient education is provided. Physical and functional interventions are provided and decisions are made on the appropriateness of a prosthesis to improve a patient's

functioning and meet their rehabilitation goals.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 471 Episode Conditional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes.

Related data items: E40, A9, A10, A12, A13

Key Dates: Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

**Data Element Name:** Phase of amputee care during episode - Prosthetic?

Data Element ID: A12

Short Name: PhaseProsthetic

Pathway: 1 | 2  $\checkmark$  3  $\checkmark$ 

**Definition:** Prosthetic phase is the phase where functional goals of prosthetic fitting are determined.

A prosthesis is prescribed based on current or potential level of ambulation. Patients receive interim or permanent prosthetic fitting and training, and early rehabilitation management. Prosthetic gait training and patient education on functional use of prosthesis for transfers, balance and safety is provided.

Format: Type Width Start / End Pos. Category Obligation
Numeric 1 472 Episode Conditional

**-**

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes.

Related data items: E40, A9, A10, A11, A13

**Key Dates:** Effective: 01/07/2012 **Revision**: N/A

**Codeset values:** 

1 Yes

Data Element Name: Phase of amputee care at episode end

Data Element ID: A13

\_ .\_.

Short Name: EndPhase

Pathway: 1 2 1 3 1

**Definition:** The phase of amputee care just before discharge from rehabilitation.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 473 Episode Conditional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes.

Related data items: E40, A9, A10, A11, A12

Key Dates: Effective: 01/07/2012 Revision: N/A

# **Codeset values:**

1 Pre-operative

2 Delayed wound

3 Pre-prosthetic

4 Prosthetic

5 Follow-up

Data Element Name: Prosthetic device fitted?

**Data Element ID:** A14

**Short Name:** Prosthetic

1  $\checkmark$ 2 3 ✓ Pathway:

A patient is deemed "prosthetic" if they already have a prosthetic device fitted, or will have one fitted in the future. A patient is deemed "non-prosthetic" if there is no intention to fit a limb. **Definition:** 

Format: **Type** Width Start / End Pos. Category **Obligation** 

> Numeric 1 474 Episode Conditional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes.

E40, A15, A16 Related data items:

01/07/2012 N/A **Key Dates: Effective: Revision:** 

**Codeset values:** 

1 Yes

2 No

Prosthetic device fitted? Page 93 Data Element Name: Date of first prosthetic fitting

**Data Element ID:** 

A15

**Short Name:** FittingDate

Pathway:

2

1

3

**Definition:** 

The date of the first interim prosthetic fitting.

Format:

Width **Type** 

Start / End Pos.

Category **Obligation** 

DD/MM/YYYY

10

475-484

Episode Conditional

**Business Rules:** 

Collect for AROC impairment code 5 only.

Leave blank for all other AROC impairment codes Only complete if A14=1. If date is known enter exact date. Use the date format DD/MM/YYYY. If a prosthetic fitting is planned but the date not yet known enter 07/07/7777.

If the patient has a prosthetic device fitted but the date of fitting is not known enter 09/09/9999.

Related data items:

E40, A14, A16

**Effective:** 

**Key Dates:** 

01/07/2012

N/A **Revision:** 

AROC Inpatient Data Dictionary for Developers (NZ) V4.1

Data Element Name: Reason for delay in first prosthetic fitting

Data Element ID: A16

Short Name: FittingDelay

Pathway: 1 2 √ 3 √

**Definition:** The reason for the delay in first interim prosthetic fitting.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 485 Episode Conditional

**Business Rules:** Collect for AROC impairment code 5 only. Only complete if A14=1.

Related data items: E40, A14, A15

**Key Dates:** Effective: 01/07/2012 Revision: N/A

## **Codeset values:**

0 No Delay

1 Issues around wound healing

2 Other issues around the stump

3 Other health issues of the patient

4 Issues around availability of componentry

5 Issues around availability of the service

6 All other issues (to be specified in the AROC comment section)

Data Element Name: Discharge timed up and go test

Data Element ID: A17
Short Name: TUG

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The time in completed seconds to complete the Timed Up and Go (TUG) test as assessed just before the

patient is discharged.

patient is discharged.

TypeWidthStart / End Pos.CategoryObligationNumeric4486-489EpisodeConditional

Business Rules: Collect for AROC impairment code 5 only.

Leave blank for other AROC impairment codes. The format of this data element is xxxx

Related data items: E40

Format:

**Key Dates: Effective:** 01/07/2012 **Revision:** 2012-07-02

Data Element Name: Discharge 6 minute walk test

Data Element ID: A1

Short Name: MinutesWalked

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The distance in metres completed during the 6 minute walk test, just before the patient is discharged.

Format: Type Width Start / End Pos. Category Obligation

Numeric 5 490-494 Episode Optional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for other AROC impairment codes. The format of this data element is xxx.x

Related data items: E40

**Key Dates:** Effective: 01/07/2012 Revision: N/A

Data Element Name: Discharge 10 metre walk +/- aid test

Data Element ID: A

7110

Short Name: MetresWalked

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** The time in completed seconds for walking 10 metres; as assessed just before the patient is discharged.

Format: Type Width Start / End Pos. Category Obligation

Numeric 4 495-498 Episode Optional

**Business Rules:** Collect for AROC impairment code 5 only.

Leave blank for other AROC impairment codes. The format of this data element is xxxx.

Related data items: E40

**Key Dates:** Effective: 01/07/2012 **Revision**: 2012-07-02

Data Element Name: Rockwood Frailty Score (pre-morbid)

Data Element ID: A20
Short Name: Frailty

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** Frailty may be defined as a condition, seen particularly in older patients, characterised by low functional

reserve, easy tiring, decreased libido, mood disturbance, accelerated osteoporosis, decreased muscle

strength, and high susceptibility to disease.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 499 Episode Conditional

Business Rules: Collect for AROC impairment code 5 and 16 only. Leave blank for other AROC impairment codes.

Related data items: E40

Key Dates: Effective: 01/07/2012 Revision: N/A

### **Codeset values:**

1 Very fit

2 Well

3 Well, with treated comorbid disease

4 Apparently vulnerable

5 Mildly Frail

6 Moderately Frail

7 Severely Frail

8 Terminally ill

9 Unknown or N/A

**Data Element Name:** Was patient able to participate in therapy from day 1?

**Data Element ID:** 

Participation

**Short Name:** 

Pathway: 1 2 3 ✓

Was the patient able to take part in their rehabilitation therapy program from their episode start date? **Definition:** 

Format: **Type** Width Start / End Pos. **Category Obligation** 

Numeric 500 1 **Episode** Conditional

Collect for AROC impairment code 16 only. **Business Rules:** 

Leave blank for other AROC impairment codes.

Related data items: E40

**Key Dates:** Effective: 01/07/2012 N/A Revision:

**Codeset values:** 

Yes

Data Element Name: Has patient fallen in the last 12 months?

Data Element ID: A22
Short Name: Fallen

Pathway: 1  $\checkmark$  2  $\checkmark$  3  $\checkmark$ 

**Definition:** A fall may be defined as "an unexpected event where a person falls to the ground from an upper level or

the same level". Only include falls within the last 12 months.

Format: Type Width Start / End Pos. Category Obligation

Numeric 1 501 Episode Conditional

Business Rules: Collect for AROC impairment code 16 only.

Leave blank for other AROC impairment codes.

Related data items: E40

Key Dates: Effective: 01/07/2012 Revision: N/A

**Codeset values:** 

1 Yes

**Data Element Name:** Has the patient lost > 10% of their body weight in the last 12 months?

**Data Element ID:** 

WeightLoss

**Short Name:** 

1 🗸 2 3 ✓ Pathway:

Has the patient lost more than 10% of their body weight in the last 12 months? **Definition:** 

**Obligation** Format: **Type** Width Start / End Pos. Category

> Numeric 502 1 **Episode** Conditional

**Business Rules:** Collect for AROC impairment code 16 only.

Leave blank for other AROC impairment codes.

Related data items: E40

**Key Dates:** Effective: 01/07/2012 N/A Revision:

**Codeset values:** 

Yes

Data Element Name: General comments

**Data Element ID:** 

**Z**1

Comment

**Short Name:** 

Pathway:

1  $\checkmark$  3

**Definition:** 

**Key Dates:** 

Comment relevant to this episode of care.

Format:

**Type** 

2

Width

Start / End Pos. **Category** 

**Obligation** 

Alphanumeric

200

503-702

**Episode** 

Optional

**Business Rules:** 

N/A

Related data items:

N/A

**Effective:** 01/09/2003

Revision:

2012-07-02

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