



# Data Set Specification

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# Australia and New Zealand Dialysis and Transplant (ANZDATA) Registry Dataset

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## Identifying and definitional attributes

|                             |   |
|-----------------------------|---|
| <i>Metadata item type:</i>  | Data Set Specifications   |
| <i>Registry Identifier:</i> | ANZDATA   |
| <i>DSS type:</i>            | Data Set Specification (DSS)  |
| <i>Scope:</i>               | The Australia and New Zealand Dialysis and Transplant Registry has been in operation since its inception in 1971 and stores data from 1964. The purpose of the Registry is to record, analyse and report on outcomes of treatment of those people with end stage kidney disease receiving renal replacement therapy treatment and of those such as haemodialysis, peritoneal dialysis and kidney transplantation. |

## Relational attributes

|                                      |  |
|--------------------------------------|--|
| <i>Related Metadata references::</i> | See also Australia and New Zealand Organ Donation (ANZOD) Data Dictionary<br>See also Australia and New Zealand Living Kidney Donor (ANZLKD) Data Dictionary |
|--------------------------------------|--|

## Accountability attributes

|   |   |
|---|---|
| <i>Organisation/s responsible for providing data:</i> | Australian and New Zealand Renal and Transplant Units |
| <i>Accountability:</i>                                | ANZDATA   |

## Collection and usage attributes

|                                  |  |
|----------------------------------|--|
| <i>Computation: description:</i> | Data entered into the ANZDATA Registry are used to calculate various statistical indicators such as incidence and prevalence of end stage kidney disease treatment; patient outcome measures such as patient, technique and graft survival; and rates of adverse events such as peritonitis and mortality. |
| <i>Comments:</i>                 | Data elements and statistical analyses have evolved over time and where indicated the status of a data element describes whether it is in current use or inactive.   |

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# Metadata items

# ANZDATA Patients

## Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataPatients</b>   |
| <i>Historical table name:</i> | <i>Identity</i>  |
| <i>Registration status:</i>   | <i>Active</i>  |
| <i>Description:</i>           | This data cluster contains data elements collected during the registration process for those patients undergoing renal replacement therapy for end stage kidney disease. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>    | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable label</i>                           | <i>Historical item</i> |
|-------------|-------------------------|-------------------|------------------|------------------|---|------------------------|
| 1           | PatientId               | Mandatory         | Integer          | No               | ANZDATA patient ID                              | Identity.Patient       |
| 2           | StatusCode              | Mandatory         | Nvarchar         | Yes              | Patient is 'Alive' during the current survey    |                        |
| 3           | GivenName               | Mandatory         | Nvarchar         | No               | Patient's given name                            | Identity.GivName       |
| 4           | Surname                 | Mandatory         | Nvarchar         | No               | Patient's surname                               | Identity.SurName       |
| 5           | DateOfBirth             | Mandatory         | Date             | No               | Date of birth                                   | Identity.DatBirth      |
| 6           | GenderCode              | Mandatory         | Nvarchar         | Yes              | Gender  | Identity.Sex           |
| 7           | BirthCountryCode        | Mandatory         | Nvarchar         | Yes              | Country of birth                                | Demographic.Country    |
| 8           | BirthCountryOther       | Conditional       | Nvarchar         | No               | Country of birth other                          |                        |
| 9           | Physician               | Optional          | Nvarchar         | No               | Surname of caring physician                     | Identity.Physician     |
| 10          | InitialParentCentreCode | Mandatory         | Nvarchar         | Yes              | Initial parent centre                           |                        |
| 11          | InitialParentCentreMRN  | Mandatory         | Nvarchar         | No               | Initial parent centre Medical Record Number     |                        |
| 12          | InitialCentreCode       | Mandatory         | Nvarchar         | Yes              | Initial centre/facility                         | Identity.InitHosp      |
| 13          | InitialCentreMRN        | Mandatory         | Nvarchar         | No               | Initial centre/facility Medical Record Number   | Identity.InitUnit      |
| 14          | LateReferralCode        | Conditional       | Nvarchar         | Yes              | Late referral seen <3 mths before 1st treatment | Comorbid.Referral3     |
| 15          | RacialOriginCode        | Conditional       | Nvarchar         | Yes              | Racial origin                                   | Identity.Race          |
| 16          | RacialOriginOther       | Conditional       | Nvarchar         | No               | Racial origin other                             |                        |

|    |                          |             |          |     |                             |                   |
|----|--------------------------|-------------|----------|-----|-----------------------------|-------------------|
| 17 | PrimaryRenalDiseaseCode  | Mandatory   | Nvarchar | Yes | Primary renal disease       | Identity.Disease  |
| 18 | PrimaryRenalDiseaseOther | Conditional | Nvarchar | No  | Primary renal disease other | Identity.DisOthr  |
| 19 | BiopsyCode               | Conditional | Nvarchar | Yes | Was native kidney biopsied? | Identity.Biopsy   |
| 20 | CreatinineAtEntry        | Mandatory   | Integer  | No  | Serum creatinine at entry   | Identity.SerCreat |
| 21 | Height                   | Mandatory   | Decimal  | No  | Height at RRT entry (cm)    | Comorbid.Height   |
| 22 | Weight                   | Mandatory   | Decimal  | No  | Weight at RRT entry (kg)    | Comorbid.Weight   |
| 23 | SmokingCode              | Conditional | Nvarchar | Yes | Smoking status at RRT entry | Comorbid.CIG      |
| 24 | Comments                 | Optional    | Nvarchar | No  | Comments                    | Identity.Comments |
| 25 | CreatedByUser            | Mandatory   | Nvarchar | No  |                             |                   |
| 26 | CreatedDate              | Mandatory   | Datetime | No  |                             |                   |
| 27 | ModifiedByUser           | Mandatory   | Nvarchar | No  |                             |                   |
| 28 | ModifiedDate             | Mandatory   | Datetime | No  |                             |                   |
| 29 | OptOutFlag               | Conditional | Bit      | No  | Opt Out Flag                |                   |
| 30 | OptOutDate               | Conditional | Date     | No  | Opt Out Date                |                   |
| 31 | PatientPrintedFlag       | Conditional | Bit      | No  |                             |                   |
| 32 | ValidationFlag           | Conditional | Bit      | No  |                             |                   |

## Relational attributes

*Related metadata references:*

CodeAnzdataPatientStatus  
CodeGender  
CodeCountryofBirth  
CommonsCentres  
CodeYesNo  
CodeRacialEthnicityOrigin  
CodeRenalDisease  
CodeSmoking

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical tables 'IDENTITY' and 'DEMOGRAPHIC' of the legacy 'ORACLE' database.

# ANZDATA Comorbidities

## Identifying and definitional attributes

|                             |   |
|-----------------------------|---|
| <i>Metadata item type:</i>  | <i>Data set specifications</i>  |
| <i>DSS type:</i>            | <i>Data element cluster</i>   |
| <i>Table name:</i>          | <i>AnzdataComorbidities</i>   |
| <i>Historical table/s:</i>  | <i>CoHistry, Death, Histry, CoRisk</i>  |
| <i>Registration status:</i> | <i>Active</i>   |
| <i>Description:</i>         | This data cluster contains data elements relating to a person's postcode of residence; comorbid conditions such as chronic lung disease, coronary artery disease, peripheral vascular disease, cerebral vascular disease and diabetes diagnosed either as pre-existing, present and/or arising from episodes of treatment; and status of existence for conditions of Hepatitis C or Cancer. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>   | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                   | <i>Historical item</i> |
|-------------|------------------------|-------------------|------------------|------------------|---|------------------------|
| 1           | ComorbidId             | Mandatory         | Integer          | No               | Comorbid ID                             |                        |
| 2           | PatientId              | Mandatory         | Integer          | Yes              | ANZDATA patient ID                      | CoHistry.Patient       |
| 3           | SurveyPeriodId         | Mandatory         | Integer          | Yes              | Survey period ID                        |                        |
| 4           | Postcode               | Conditional       | Integer          | No               | Postcode                                | CoHistry.CurrPostCode  |
| 5           | ChronicLungCode        | Optional          | Nvarchar         | Yes              | Chronic lung disease                    | CoHistry.Lung          |
| 6           | CoronaryArteryCode     | Optional          | Nvarchar         | Yes              | Coronary artery disease                 | CoHistry.Coronary      |
| 7           | PeripheralVascularCode | Optional          | Nvarchar         | Yes              | Peripheral vascular disease             | CoHistry.PCD           |
| 8           | CerebroVasularCode     | Optional          | Nvarchar         | Yes              | Cerebrovascular disease                 | CoHistry.CVD           |
| 9           | DiabetesCode           | Optional          | Nvarchar         | Yes              | Diabetes                                | CoHistry.Diabetes      |
| 10          | CancerEverCode         | Optional          | Nvarchar         | Yes              | Cancer ever diagnosed?                  | Death.CancDiag         |
| 11          | HepatitisCCode         | Conditional       | Nvarchar         | Yes              | Hepatitis C Antibody                    | Histry.Antibody        |
| 12          | CoMorbidConditionOther | Conditional       | Nvarchar         | No               | Description of Other Comorbid Condition | CoRisk.RisOther        |
| 13          | CreatedByUser          | Conditional       | Nvarchar         | No               |   | Created_By             |
| 14          | CreatedDate            | Mandatory         | Datetime         | No               |   | Created_Date           |



|    |                         |             |          |    |                         |               |
|----|-------------------------|-------------|----------|----|-------------------------|---------------|
| 15 | ModifiedByUser          | Mandatory   | Nvarchar | No |                         | Modified_By   |
| 16 | ModifiedDate            | Mandatory   | Datetime | No |                         | Modified_Date |
| 17 | OldId                   | Conditional | Integer  | No | Old ANZDATA patient ID  |               |
| 18 | AtEntry                 | Conditional | Nvarchar | No | Comorbidities at entry? |               |
| 19 | CancerSurveyCheckedFlag | Mandatory   | Bit      | No | Cancer survey checked ? |               |
| 20 | Comments                | Conditional | Nvarchar | No | Comments                |               |
| 21 | CancerThisSurveyCode    | Conditional | Nvarchar | No | Cancer this survey      |               |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
 AnzdataSurveyPeriodId  
 CodeYesNo  
 CodeRecipientAntibodyStatus

## Collection and usage attributes

*Guide for use:*

Data is collected at commencement of renal replacement therapy, in real-time and at the end a survey period.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces some or all data elements in the historical tables 'COHISTORY', 'DEATH', 'HISTORY', 'CORISK' of the legacy 'ORACLE' database.

SurveyPeriodId is derived from the legacy element CoHistory.CoDate

Data collection of Postcode (previously CurrPostCode) commenced from 1/1/2005.

Data collection of Chronic Lung disease, Coronary Artery disease, Peripheral Vascular disease, Cerebral Vascular disease and Diabetes commenced from 1/10/1991.

Some retrospective data has been entered by hospitals and appears in the current database.

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## ANZDATA Other Comorbidities

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### Identifying and definitional attributes

|                             |   |
|-----------------------------|---|
| <i>Metadata item type:</i>  | Data set specifications   |
| <i>DSS type:</i>            | Data element cluster  |
| <i>Table name:</i>          | <b>AnzdataOtherComorbidities</b>  |
| <i>Historical table/s:</i>  | <i>CoRisk</i>   |
| <i>Registration status:</i> | <i>Active</i>   |
| <i>Description:</i>         | This data cluster contains data elements relating to all other comorbid conditions diagnosed either as pre-existing, present and/or arising from episodes of treatment. Data is coded in accordance with the ICD-10 codes for |

### Source or reference attributes

|                                 |   |
|---------------------------------|---|
| <i>Submitting Organisation:</i> | ANZDATA Registry<br>World Health Organisation (WHO), Centre of Disease Control and Prevention, ICD-10 Codes |
|---------------------------------|---|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>  | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i> |
|-------------|-----------------------|-------------------|------------------|------------------|-----------------------|------------------------|
| 1           | OtherComorbidId       | Conditional       | Integer          | No               | varlab                |                        |
| 2           | ComorbidId            | Conditional       | Integer          | Yes              | Other Comorbid ID     |                        |
| 3           | ComorbidConditionCode | Conditional       | Nvarchar         | Yes              | Comorbid ID           | Corisk.Risk            |
| 4           | CreatedByUser         | Optional          | Nvarchar         | No               |                       | Corisk.Created_By      |
| 5           | CreatedDate           | Optional          | Datetime         | No               |                       | Corisk.Created_Date    |
| 6           | ModifiedByUser        | Mandatory         | Nvarchar         | No               |                       | Corisk.Modified_By     |
| 7           | ModifiedDate          | Mandatory         | Datetime         | No               |                       | Corisk.Modified_Date   |

### Relational attributes

|                                     |  |
|-------------------------------------|--|
| <i>Related metadata references:</i> | AnzdataComorbidities<br>CodeOtherCoMorbidityConditions |
|-------------------------------------|--|

### Collection and usage attributes

|                                  |  |
|----------------------------------|--|
| <i>Guide for use:</i>            | Data is collected at commencement of renal replacement therapy, in real-time, and at the end a survey period.          |
| <i>Implementation start date</i> | <b>25/5/2016</b>   |
| <i>Comments:</i>                 | This data cluster replaces some or all data elements in the historical table 'CORISK' of the legacy 'ORACLE' database. |

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## ANZDATA Centre Transfers

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### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataCentreTransfers</b>  |
| <i>Historical table name:</i> | <i>Histry, Transfer, Location</i>  |
| <i>Registration status:</i>   | <i>Active</i>  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical tables 'Transfer', 'Location' and 'Histry'. This data cluster records the transfer history of a patient both within a survey and across surveys for Parent Renal unit and Centre of Treatment. Its purpose is to assist the tracking of a patient across services throughout their continuum of care. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                 | <i>Historical item</i>  |
|-------------|----------------------|-------------------|------------------|------------------|---------------------------------------|-------------------------|
| 1           | TrasnferId           | Mandatory         | Integer          |                  | Transfer ID                           |                         |
| 2           | PatientId            | Mandatory         | Integer          | Yes              | ANZDATA patient ID                    | Transfers.PatientID     |
| 3           | SequenceNo           | Mandatory         | Integer          |                  | Transfer sequence number              | Transfers.Sequno        |
| 4           | TransferDate         | Mandatory         | Date             |                  | Date of transfer                      | Trasnfers.HospDate      |
| 5           | ParentCentreCode     | Mandatory         | Nvarchar         | Yes              | Parent centre of transfer             |                         |
| 6           | ParentCentreMRN      | Mandatory         | Nvarchar         |                  | Parent centre Medical Record Number   |                         |
| 7           | CentreCode           | Conditional       | Nvarchar         | Yes              | Centre/facility of transfer           | Transfers.HospCode      |
| 8           | CentreMRN            | Conditional       | Nvarchar         |                  | Centre/facility Medical Record Number | Location.KeyUnit        |
| 9           | CreatedByUser        | Optional          | Nvarchar         | No               |                                       | Transfers.Create_By     |
| 10          | CreatedDate          | Optional          | Datetime         | No               |                                       | Transfers.Created_Date  |
| 11          | ModifiedByUser       | Mandatory         | Nvarchar         | No               |                                       | Transfers.Modified_By   |
| 12          | ModifiedDate         | Mandatory         | Datetime         | No               |                                       | Transfers.Modified_Date |

### Relational attributes

*Related metadata references:*

AnzdataPatients  
CommonCentres

## **Collection and usage attributes**

*Guide for use:*

Data is collected in real-time or at the end a survey period

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces some or all data elements in the historical tables 'HISTRY', 'TRANSFER' and 'LOCATON' of the legacy 'ORACLE' database.

Collection of this data commenced from 1/10/1999, though retrospective data has been entered to the beginning of 1963.

SequenceNo (previously Transfers.SequnNo) was added to the data set in 1/1/2007 in order to allow for those patients entering the registry having a pre-emptive transplant to be allocated two centres on the same date to reflect the Referring Centre and the Transplanting Centre, as treatment officially started at the Transplant Centre.

In 2016, at commencement of the new database CentreCode and CentreMRN was added to allow more accurate assessment of patient movements not only between hospitals and but across facility centres under the governance of a Parent Renal Centre. This also allows for the entry of a centre's unique record number which may differ from that of the Parent Renal Unit.

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## ANZDATA Centre History

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### Identifying and definitional attributes

|                                 |  |
|---------------------------------|--|
| <i>Metadata item type:</i>      | Data set specifications  |
| <i>DSS type:</i>                | Data element cluster   |
| <i>Table name:</i>              | <b>AnzdataCentreHistory</b>  |
| <i>Historical table name/s:</i> | <i>History, Transfer, Location</i>   |
| <i>Registration status:</i>     | <i>Active</i>  |
| <i>Description:</i>             | This data cluster records the location in history, from start of RRT and at the end of each survey period, of Parent Renal Units along the person's renal replacement continuum. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>  | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>    | <i>Historical item</i> |
|-------------|-----------------------|-------------------|------------------|------------------|--------------------------|------------------------|
| 1           | CentreHistoryId       | Mandatory         | Integer          |                  | Centre history ID        |                        |
| 2           | PatientId             | Mandatory         | Integer          | Yes              | ANZDATA patient ID       | History.Patient        |
| 3           | SurveyperiodId        | Mandatory         | Integer          |                  | Survey period ID         | History.Histseq        |
| 4           | SurveyDate            | Mandatory         | Date             |                  | End date of survey       | History.Histdate       |
| 5           | ParentCentreCode      | Mandatory         | Nvarchar         | Yes              | Parent centre            | History.Hospcode       |
| 6           | ParentCentrestateCode | Mandatory         | Nvarchar         |                  | State of parent centre   | History.HospState      |
| 7           | CentreCode            | Conditional       | Nvarchar         | Yes              | Centre/facility          | History.CentreCode     |
| 8           | CentreStateCode       | Conditional       | Nvarchar         |                  | State of centre/facility | History.CentreState    |
| 9           | CreatedByUser         | Optional          | Nvarchar         | No               |                          | History.Create_By      |
| 10          | CreatedDate           | Optional          | Datetime         | No               |                          | History.Created_Date   |
| 11          | ModifiedByUser        | Mandatory         | Nvarchar         | No               |                          | History.Modified_By    |
| 12          | ModifiedDate          | Mandatory         | Datetime         | No               |                          | History.Modified_Date  |

### Relational attributes

|                                     |                                  |
|-------------------------------------|----------------------------------|
| <i>Related metadata references:</i> | AnzdataPatients<br>CommonCentres |
|-------------------------------------|----------------------------------|

## Collection and usage attributes

*Guide for use:*

Data is derived from the last Parent Renal Centre and Facility Centre of the Centre Transfers at the end a survey period.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'HISTORY' of the legacy 'ORACLE' database.

## ANZDATA Course Of Treatment

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataCourseOfTreatment</b>  |
| <i>Historical table name:</i> | <i>Treatments, Death</i>   |
| <i>Registration status:</i>   | <i>Active</i>  |
| <i>Description:</i>           | This data set cluster contains the sequence of treatments a patient follows from commencement of initial renal replacement therapy for end stage kidney disease it is also contains data elements pertaining: the reason for a change in course of treatment between dialysis modality (namely PD to HD and vice versa); reason for death and whether a transplant graft was sustaining life at the time of death. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>    | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable label</i>                       | <i>Historical item</i>  |
|-------------|-------------------------|-------------------|------------------|------------------|---|-------------------------|
| 1           | TreatmentId             | Mandatory         | Integer          | No               | Treatment ID                                |                         |
| 2           | PatientId               | Mandatory         | Integer          | Yes              | ANZDATA patient ID                          | Treatments.Patient      |
| 3           | SequenceNo              | Mandatory         | Integer          | No               | Treatment sequence number                   | Treatments.Sequeno      |
| 4           | TreatmentDate           | Mandatory         | Date             | No               | Treatment date                              | Treatments.RxDate       |
| 5           | TreatmentCode           | Mandatory         | Nvarchar         | Yes              | Treatment code                              | Treatments.RxCode       |
| 6           | ReasonCode              | Mandatory         | Nvarchar         | Yes              | Reason transfer from dialysis during survey | Treatments.Transfer     |
| 7           | ReasonOther             | Conditional       | Nvarchar         | No               | Description of other reason for transfer    | Treatments.TransferOthr |
| 8           | DeathCauseCode          | Conditional       | Nvarchar         | Yes              | Cause of death                              | DeathCausDeth           |
| 9           | DeathCauseOther         | Conditional       | Nvarchar         | No               | Other cause of death                        | Death.DethOthr          |
| 10          | GraftSustainingLifeCode | Conditional       | Nvarchar         | Yes              | Was graft sustaining life at time of death? | Death.GraftSus          |
| 11          | SurveyPeriodId          | Mandatory         | Integer          | Yes              | Survey period ID                            | AnzdataSurveyPeriods    |
| 12          | CreatedByUser           | Conditional       | Nvarchar         | No               |   | Treatments.Created_By   |
| 13          | CreatedDate             | Conditional       | Datetime         | No               |   | Treatments.Created_Date |
| 14          | ModifiedByUser          | Mandatory         | Nvarchar         | No               |   | Treatments Modified_By  |

15 ModifiedDate

Mandatory Datetime No

Treatments.Modified\_Date

## Relational attributes

*Related metadata references:*

AnzdataPatients  
AnzdataSurveyPeriodId  
CodeCourseOfTreatment  
CodeChangeTreatmentReason  
CodeAnzdataCauseOfDeath  
CodeYesNo  
CodeAnzdataSurveyPeriods

## Collection and usage attributes

*Guide for use:*

Data is collected at commencement of renal replacement therapy, in real-time and at the end a survey period.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'TREATMENTS' and 'DEATH' of the legacy 'ORACLE' database.

ReasonCode (previously Treatments.Transfer) commenced collection from 1/1/2007.

ReasonOther (previously Treatments.TransferOthr) commenced collection from 1/1/2008.

Prior to 2008 this data had been collected in the 'DIALYSIS' table as Transfer1, Transfer2, Transfer3, Transfer4 and TransferOthr.

New codes 40,45,46,47,48 and 49 for Withdrawal from Dialysis as a Cause of Death were added from 1.10.2003



# ANZDATA Dialysis

## Identifying and definitional attributes

|                        |   |
|------------------------|---|
| Metadata item type:    | Data set specifications   |
| DSS type:              | Data element cluster  |
| Table name:            | <b>AnzdataDialysis</b>  |
| Historical table name: | 'Dialysis'  |
| Registration status:   | Active  |
| Description:           | This data cluster contains data elements specific to the biomarkers of patients who have had dialysis during a survey period. |

## Source or reference attributes

|                          |                  |
|--------------------------|------------------|
| Submitting Organisation: | ANZDATA Registry |
|--------------------------|------------------|

## Metadata items in this Data Set Specifications

| Item | Metadata item      | Obligation  | Data Type | Reference | Variable label  | Historical item          |
|------|--------------------|-------------|-----------|-----------|---|--------------------------|
| 1    | DialysisID         | Mandatory   | Integer   | No        | Dialysis ID   |                          |
| 2    | PatientID          | Mandatory   | Integer   | Yes       | ANZDATA patient ID  |                          |
| 3    | SurveyPeriodId     | Mandatory   | Integer   | Yes       | Survey period ID  |                          |
| 4    | DialysisTypeCode   | Conditional | Nvarchar  | Yes       | Dialysis type   |                          |
| 5    | DialysisTypeOther  | Conditional | Nvarchar  | No        | Dialysis type other   |                          |
| 6    | DryWeight          | Conditional | Integer   | No        | Dry Weight on last dialysis: End Survey, Transplantation or Death         |                          |
| 7    | UncorrectedCalcium | Conditional | Decimal   | No        | Uncorrected calcium levels (mmol/l)                                       |                          |
| 8    | Phosphate          | Conditional | Decimal   | No        | Phosphate levels (mmol/l)   |                          |
| 9    | Haemoglobin        | Conditional | Integer   | No        | Haemoglobin level nearest end Survey (g/l)                                |                          |
| 10   | EpoAgentCode       | Conditional | Nvarchar  | Yes       | EPO Agent   |                          |
| 11   | Ferritin           | Conditional | Integer   | No        | Ferritin within last 3 months of Survey                                   |                          |
| 12   | saturationIron     | Conditional | Integer   | No        | Saturation iron   |                          |
| 13   | CreatedByUser      | Conditional | Integer   | No        | % Saturation Iron (Transferrin Saturation) within last 3 months of survey | Treatments.Created_By    |
| 14   | CreatedDate        | Mandatory   | Nvarchar  | No        | Dialysis ID   | Treatments.Created_Date  |
| 15   | ModifiedByUser     | Mandatory   | Datetime  | No        | ANZDATA patient ID  | Treatments.Modified_By   |
| 16   | ModifiedDate       | Conditional | Nvarchar  | No        | Survey period ID  | Treatments.Modified_Date |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
AnzdataSurveyPeriods  
CodeTypeOfDialysis  
CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster contains some of the data elements of the historical table 'DIALYSIS' of the 'ORACLE' database. The historical table dialysis was split into three, 'AnzdataDialysis', 'AnzdataHaemodialysis' and 'AnzdataPeritonealDialysis' separating the biomarkers from dialysis treatment regime and outcome measures. 'SurveyPeriodID' replaces the 'Dialysis.DialysSeq' but records the same data element. Data for this cluster commenced collection from 1/4/1991, Survey 29, when surveys were conducted every six months (1/4/1991 to 30/9/1991; 1/10/1991 to 31/3/1992). Survey dates changed from six monthly to nine monthly from 1/4/2004 to 31/12/2004 and then changed from nine months to twelve months from 1/12/2005 to 31/12/2005. 'UncorrectedCalcium' (Previously Calcium) and Phosphate were first added in 1/10/2003. 'Haemoglobin' (previously HB), 'EpoAgentCode' (previously Epo), 'Ferritin' and 'SaturationIron' (previously Transferritin) were added on 1/10/2000. Historical biomarkers such as 'Dialysis.Systolic' and 'Dialysis.Diastolic' collected between the periods 1/4/1998 to 1/10/2000 are archived and can be accessed through the ANZDATA\_ORACLE database.

# ANZDATA Haemodialysis

## Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataHaemodialysis</b>   |
| <i>Historical table name:</i> | 'Dialysis'  |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster contains data elements collected on those patients undergoing haemodialysis during a survey period. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable label</i>                                       | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|---|------------------------|
| 1           | HaemodialysisID      | Mandatory         | Integer          | No               | Haemodialysis ID  | -                      |
| 2           | PatientID            | Mandatory         | Integer          | Yes              | ANZDATA patient ID  | Dialysis.Patient       |
| 3           | SurveyPeriodID       | Mandatory         | Integer          | Yes              | Survey period ID  | -                      |
| 4           | DialyserBrandCode    | Conditional       | nvarchar         | Yes              | Dialyser brand, model, membrane, surface area               | Dialysis.DialBrand     |
| 5           | BloodFlowRate        | Conditional       | Integer          | No               | Blood flow rate (mls/min)                                   | Dialysis.FlowRate      |
| 6           | SessionsPerDialysis  | Conditional       | decimal          | No               | Frequency of dialysis per week                              | Dialysis.Frequency     |
| 7           | HoursPerSession      | Conditional       | decimal          | No               | Hours per session   | Dialysis.Hours         |
| 8           | AdequacyMethodCode   | Conditional       | nvarchar         | Yes              | Adequacy method (urea reduction or Kt/V)                    | Dialysis.Method        |
| 9           | AdequacyMethodOther  | Conditional       | nvarchar         | No               | Adequacy method other                                       | Dialysis.MethodOthr    |
| 10          | AdequacyValue        | Conditional       | decimal          | No               | Adequacy value (Urea reduction ratio % or Kt/V value on HD) | Dialysis.Urea          |
| 11          | AccessFirstHDCCode   | Conditional       | nvarchar         | Yes              | Vascular access in use at first haemodialysis               | Dialysis.FirstAccess   |
| 12          | AccessLastHDCCode    | Conditional       | nvarchar         | Yes              | Vascular access in use at last haemodialysis                | Dialysis.Present       |
| 13          | DeclottedCode        | Conditional       | nvarchar         | Yes              | Vascular access declotted during survey?                    | Dialysis.Declotted     |
| 14          | RevisedCode          | Conditional       | nvarchar         | Yes              | Vascular access revised during survey?                      | Dialysis.Revised       |
| 15          | CreatedByUser        | Mandatory         | nvarchar         | No               |   | Dialysis.Created_By    |
| 16          | CreatedDate          | Mandatory         | datetime         | No               |   |                        |
| 17          | ModifiedByUser       | Conditional       | nvarchar         | No               |   |                        |

18 ModifiedDate Conditional datetime No

## Relational attributes

*Related metadata references:*

AnzdataSurveyPeriods  
CodeDialyserBrand  
CodeUreaOrKtvMethod  
CodeAccess  
CodeDeclotted  
CodeRevised

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'DIALYSYS' of the 'ORACLE' database. The historical table dialysis was split into three, 'AnzdataDialysis', 'AnzdataHaemodialysis' and 'AnzdataPeritonealDialysis' separating the biomarkers from dialysis treatment regime and outcome measures. 'SurveyPeriodID' replaces the 'Dialysis.DialysSeq' but records the same data element. Data for this cluster commenced collection from 1/4/1991, Survey 29, when surveys were conducted every six months (1/4/1991 to 30/9/1991; 1/10/1991 to 31/3/1992). Survey dates changed from six monthly to nine monthly from 1/4/2004 to 31/12/2004 and then changed from nine months to twelve months from 1/12/2005 to 31/12/2005. 'AccessFirstHDCCode' (Previously FirstAccess) was first added in 1/10/2003. 'AdequacyMethodCode', 'AdequacyMethodOther' and 'AdequacyValue' replace Dialysis.Method, Dialysis.MethodOth and Dialysis.KTVHD, fields collected from 1/4/1999.

# ANZDATA Peritoneal Dialysis

## Identifying and definitional attributes

|                        |   |
|------------------------|---|
| Metadata item type:    | Data set specifications   |
| DSS type:              | Data element cluster  |
| Table name:            | <b>AnzdataPeritonealDialysis</b>  |
| Historical table name: | 'Dialysis'  |
| Registration status:   | Active  |
| Description:           | This data cluster contains data elements collected on those patients undergoing peritoneal dialysis during a survey period. |

## Source or reference attributes

Submitting Organisation: ANZDATA Registry

## Metadata items in this Data Set Specifications

| Item | Metadata item         | Obligation  | Data Type | Reference | Variable name  | History Item        |
|------|-----------------------|-------------|-----------|-----------|--|---------------------|
| 1    | PeritonealDialysisId  | Mandatory   | Integer   | No        | Peritoneal dialysis ID                               |                     |
| 2    | PatientId             | Mandatory   | Integer   | Yes       | ANZDATA patient ID                                   | Dialysis.Patient    |
| 3    | SurveyPeriodId        | Mandatory   | Nvarchar  | Yes       | Survey period ID                                     |                     |
| 4    | PetTest               | Conditional | Decimal   | No        | PET test for PD-within first 6 months starting?      | Dialysis.PET        |
| 5    | ConnectionSystemCode  | Conditional | Integer   | Yes       | Type of Peritoneal Connection System                 | Dialysis.Connection |
| 6    | ConnectionSystemOther | Conditional | Integer   | No        | Type of Peritoneal Connection System Other           |                     |
| 7    | WeeklyExchangeVolume  | Conditional | Integer   | No        | Total volume weekly exchanges - All PD               | Dilaysis.Litres     |
| 8    | GlucoseCode           | Conditional | Nvarchar  | Yes       | PD Solution Glucose                                  | Dialysis.Glucose    |
| 9    | IcodextrinCode        | Conditional | Nvarchar  | Yes       | PD Solution Icodextrin                               | Dialysis.Icodextrin |
| 10   | LowGdpLactateCode     | Conditional | Nvarchar  | Yes       | PD Solution Low GDP Lactate                          | Dialysis.Lowlactate |
| 11   | LowGdpBicarbonateCode | Conditional | Nvarchar  | Yes       | PD Solution Low GDP Bicarbonate                      | Dialysis.LowGDP     |
| 12   | LowGdpCode            | Conditional | Nvarchar  | Yes       | PD Solution Low GDP (either Lactate or Bicarbonate)  |                     |
| 13   | PdOther1              | Conditional | Nvarchar  | No        | PD Solution Other                                    | Dialysis.PDOther1   |
| 14   | PdOther2              | Conditional | Nvarchar  | No        | PD Solution Other                                    | Dialysis.PDOther2   |
| 15   | CreatinineClearance   | Conditional | Decimal   | No        | Creatinine Clearance (litres per week)               | Dialysis.Clearance  |
| 16   | Dialysate             | Conditional | Decimal   | No        | Dialysate Only Weekly Kt/V value on PD               | Dialysis.KtoPd      |
| 17   | ResidualRenalFunction | Conditional | Decimal   | No        | Residual renal function (creatinine clearance - GFR) | Dialysis.Residual   |

|    |                     |             |          |    |  |                               |
|----|---------------------|-------------|----------|----|--|-------------------------------|
| 18 | PeritonitisEpisodes | Conditional | Integer  | No | Number of episodes peritonitis during survey | <i>Dialysis.Episodes</i>      |
| 15 | CreatedByUser       | Mandatory   | Nvarchar | No |  | <i>Dialysis.Created_By</i>    |
| 16 | CreatedDate         | Mandatory   | Datetime | No |  | <i>Dialysis.Created_Date</i>  |
| 17 | ModifiedByUser      | Conditional | Nvarchar | No |  | <i>Dialysis.Modified_By</i>   |
| 18 | ModifiedDate        | Conditional | Datetime | No |  | <i>Dialysis.Modified_Date</i> |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
 AnzdataSurveyPeriods  
 CodeConnectionSystem  
 CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'DIALYSYS' of the 'ORACLE' database. The historical table dialysis was split into three, 'AnzdataDialysis', 'AnzdataHaemodialysis' and 'AnzdataPeritonealDialysis' separating the biomarkers from dialysis treatment regime and outcome measures. 'SurveyPeriodID' replaces the 'Dialysis.DialysSeq' but records the same data element. Data for this cluster commenced collection from 1/4/1991, Survey 29, when surveys were conducted every six months (1/4/1991 to 30/9/1991; 1/10/1991 to 31/3/1992). Survey dates changed from six monthly to nine monthly from 1/4/2004 to 31/12/2004 and then changed from nine months to twelve months from 1/12/2005 to 31/12/2005. ConnectFirst (first episode of peritonitis) of the Oracle table 'DIALYSIS' was added 1/4/2002. In the new database this is a calculation of the first episode from the 'ANZDATAPeritonitis' table.

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## ANZDATA Peritonitis Episodes

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### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataPeritonitisEpisodes</b>   |
| <i>Historical table name:</i> | 'Peritonitis'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Peritonitis'. This data cluster records the history of a patient peritonitis episodes, including the organism causing the peritonitis infection, the techniques in use at the time and whether a transfer to haemodialysis was required, either temporarily or permanently. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>    | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                            | <i>Historical item</i> |
|-------------|-------------------------|-------------------|------------------|------------------|--|------------------------|
| 1           | PeritonitisEpisodeId    | Mandatory         | Integer          | No               | Peritonitis episode ID                           |                        |
| 2           | PatientId               | Mandatory         | Integer          | Yes              | ANZDATA patient ID                               |                        |
| 3           | SurveyPeriodId          | Mandatory         | Integer          | Yes              | Survey period ID                                 |                        |
| 4           | InfectionDate           | Mandatory         | Datetime         | No               | Date of infection                                | Peritonitis.InfDate    |
| 5           | RelapseRecurrenceCode   | Conditional       | Nvarchar         | Yes              | Was this a relapse or recurrence of peritonitis? | Peritonitis.RecFlag    |
| 6           | TechniqueCode           | Conditional       | Nvarchar         | Yes              | Technique at time of infection                   | Peritonitis.Technique  |
| 7           | TrainingProviderCode    | Conditional       | Nvarchar         | Yes              | Most recent type of training?                    | Peritonitis.Training   |
| 8           | AntifungalTherapyCode   | Conditional       | Nvarchar         | Yes              | Antifungal Therapy?                              | Peritonitis.AntiFungal |
| 9           | InitialAntibiotic1Code  | Conditional       | Integer          | Yes              | Name of initial regimen first antibiotic given   | Peritonitis.InitReg1   |
| 10          | InitialAntibiotic2Code  | Conditional       | Integer          | Yes              | Name of initial regimen second antibiotic given  | Peritonitis.InitReg2   |
| 11          | InitialAntibiotic3Code  | Conditional       | Integer          | Yes              | Name of initial regimen third antibiotic given   | Peritonitis.InitReg3   |
| 12          | FinalAntibioticDoseDate | Conditional       | Integer          | No               | Date of last dose of antibiotic given            | Peritonitis.FinalDate  |
| 13          | FinalAntibiotic1Code    | Conditional       | Integer          | Yes              | Name of final regimen first antibiotic given     | Peritonitis.FinalReg1  |
| 14          | FinalAntibiotic2Code    | Conditional       | Integer          | Yes              | Name of final regimen second antibiotic given    | Peritonitis.FinalReg2  |
| 15          | FinalAntibiotic3Code    | Conditional       | Integer          | Yes              | Name of final regimen third antibiotic given     | Peritonitis.FinalReg3  |

|    |                              |             |          |     |   |                            |
|----|------------------------------|-------------|----------|-----|---|----------------------------|
| 16 | GlucoseCode                  | Conditional | Nvarchar | Yes | Glucose PD Solution at time of infection?         | Peritonitis.PdSolnGluc     |
| 17 | IcodextrinCode               | Conditional | Nvarchar | Yes | Icodextrin PD Solution at time of infection?      | Peritonitis.PdSolnicod     |
| 18 | LowGdpLactateCode            | Conditional | Nvarchar | Yes | Low GDP Lactate PD Solution at time of infection? | Peritonitis.PdSolnGlac     |
| 19 | LowGdpBicarbonateCode        | Conditional | Nvarchar | Yes | Low DGP bicarbonate PD Soln at time of infection? | Peritonitis.PdSolnBiCarb   |
| 20 | OtherPD                      | Conditional | Nvarchar | No  | Other PD Solution at time of infection?           | Peritonitis.PdSolnOther    |
| 21 | OvernightHospitalisationCode | Conditional | Nvarchar | Yes | Was patient hospitalised overnight?               | Peritonitis.ONightHospital |
| 22 | HospitalisationNights        | Conditional | Integer  | No  | Number of nights in hospital                      | Peritonitis.NumNights      |
| 23 | CatheterRemovedCode          | Conditional | Nvarchar | Yes | Was catheter removed?                             | Peritonitis.Catheter       |
| 24 | CatheterRemovedDate          | Conditional | Integer  | No  | Date catheter was removed                         | Peritonitis.CAthDate       |
| 25 | InterimHDCCode               | Conditional | Nvarchar | Yes | Did patient have interim haemodialysis?           | Peritonitis.InterimHD      |
| 26 | FirstDialysisDate            | Conditional | Datetime | No  | Date of first interim haemodialysis               | Peritonitis.FirstDxDxDate  |
| 27 | LastDialysisDate             | Conditional | Datetime | No  | Date of last interim haemodialysis                | Peritonitis.LastDxDxDate   |
| 28 | PermanentHDCCode             | Conditional | Nvarchar | Yes | Did patient transfer to permanent haemodialysis?  | Peritonitis.Permanent      |
| 29 | PermanentHDDate              | Conditional | Datetime | No  | Date of permanent transfer to haemodialysis       | Peritonitis.PermDate       |
| 30 | Comments                     | Conditional | Nvarchar | No  | Comments  | Peritonitis.Commetns       |
| 31 | OldId                        | Conditional | Integer  | No  | Old ANZDATA patient ID                            | Peritonitis.Patient        |
| 32 | InitialAntibiotic1Other      | Conditional | Nvarchar | No  | Initial regimen first antibiotic given (other)    | Peritonitis.InitReg1Oth    |
| 33 | InitialAntibiotic2Other      | Conditional | Nvarchar | No  | Initial regimen second antibiotic given (other)   | Peritonitis.InitReg2Oth    |
| 34 | InitialAntibiotic3Other      | Conditional | Nvarchar | No  | Initial regimen third antibiotic given (other)    | Peritonitis.InitReg3Oth    |
| 35 | FinalAntibiotic1Other        | Conditional | Nvarchar | No  | Final regimen first antibiotic given (other)      | Peritonitis.FinalReg1Oth   |
| 36 | FinalAntibiotic2Other        | Conditional | Nvarchar | No  | Final regimen second antibiotic given (other)     | Peritonitis.FinalReg2Oth   |
| 37 | FinalAntibiotic3Other        | Conditional | Nvarchar | No  | Final regimen third antibiotic given (other)      | Peritonitis.FinalReg3Oth   |
| 38 | LowGDPCode                   | Conditional | Nvarchar | No  | Low GDP   | Peritonitis.Created_By     |
| 39 | CreatedByUser                | Mandatory   | Nvarchar | No  |   | Peritonitis.Created_Date   |
| 40 | CreatedDate                  | Mandatory   | Datetime | No  |   | Peritonitis.Modified_By    |
| 41 | ModifiedByUser               | Conditional | Nvarchar | No  |   | Peritonitis.Modified_Date  |
| 42 | ModifiedDate                 | Conditional | Datetime | No  |   |                            |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
AnzdataSurveyPaeriods  
CodeRelapseRecurrence  
CodeTechnique



CodeTrainingType  
CodeYesNo  
CodeAntibiotics

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces some or all data elements in the historical tables 'PERITONITIS of the legacy 'ORACLE' database.

Collection of this data commenced from 1/10/2003, though retrospective data has been entered. Data collected was on a separate form to the annual survey form. Data is entered for only those hospitals wishing to participate in its collection.

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## ANZDATA Peritonitis Organisms

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### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataPeritonitisOrganisms</b>  |
| <i>Historical table name:</i> | 'Peritonitis'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Peritonitis'. This data cluster records the history of a patient peritonitis episodes, including the organism causing the peritonitis infection, the techniques in use at the time and whether a transfer to haemodialysis was required, either temporarily or permanently. |

### Source or reference attributes

*Submitting Organisation:* ANZDATA Registry

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>  | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|------------------------|------------------------|
| 1           | OrganismId           | Mandatory         | Integer          | No               | Organism ID            | -                      |
| 2           | PeritonitisEpisodeId | Mandatory         | Integer          | Yes              | Peritonitis episode ID | -                      |
| 3           | OrganismCode         | Mandatory         | Integer          | Yes              | Name of organism       | -                      |
| 4           | OrganismOther        | Conditional       | Nvarchar         | No               | Name of organism other | -                      |
| 5           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                        | -                      |
| 6           | CreatedDate          | Mandatory         | Datetime         | No               |                        | -                      |
| 7           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                        | -                      |
| 8           | ModifiedDate         | Conditional       | Datetime         | No               |                        | -                      |

### Relational attributes

*Related metadata references:* AnzdataPeritonitisEpisodes  
CodePeritonitisOrganism

### Collection and usage attributes

*Guide for use:* Data is collected in real-time or at the end a survey period in relation to an episode of peritonitis

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'PERITONITIS of the legacy 'ORACLE' database.

Collection of this data commenced from 1/10/2003, though retrospective data has been entered. Data collected was on a separate form to the annual survey form. Data is entered for only those hospitals wishing to participate in its collection.

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## ANZDATA Transplants

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### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataTransplant</b>  |
| <i>Historical table name:</i> | 'Graft'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Graft'. This data cluster records all kidney transplants on Australian and New Zealand residents requiring renal replacement. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>     | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                          | <i>Historical item</i> |
|-------------|--------------------------|-------------------|------------------|------------------|--|------------------------|
| 1           | TransplantId             | Mandatory         | Integer          | No               | Transplant ID                                  |                        |
| 2           | PatientId                | Mandatory         | Integer          | Yes              | ANZDATA patient ID                             | Graft.Patient          |
| 3           | GraftNo                  | Mandatory         | Integer          | No               | Graft number                                   | Graft.Graftno          |
| 4           | TransplantDate           | Mandatory         | Datetime         | No               | Date of this transplant                        | Graft.Txdate           |
| 5           | ReferringCentreCode      | Conditional       | Nvarchar         | Yes              | Referring parent centre before transplantation | Graft.Refhosp          |
| 6           | DonorCentreCode          | Conditional       | Nvarchar         | Yes              | Donor hospital                                 | Graft.Donhosp          |
| 7           | TransplantCentreCode     | Conditional       | Nvarchar         | Yes              | Transplant parent centre                       | Graft.Tranhosp         |
| 8           | RecipientAntibodyCMVCode | Conditional       | Nvarchar         | No               | Recipient CMV antibody status                  | Graft.CMV              |
| 9           | RecipientAntibodyEBVCode | Conditional       | Nvarchar         | No               | Recipient EBV antibody status                  | Graft.EBV              |
| 10          | DonorSourceCode          | Conditional       | Integer          | Yes              | Donor source                                   | Graft.Donsourc         |
| 11          | DonorSourceOther         | Conditional       | Nvarchar         | No               | Donor source other                             | Graft.Donothr          |
| 12          | DonorAge                 | Conditional       | Integer          | No               | Donor age                                      | Graft.Donage           |
| 13          | DonorGenderCode          | Conditional       | Nvarchar         | No               | Donor sex                                      | Graft.Donsex           |
| 14          | Ischaemia                | Conditional       | Integer          | No               | Total ischaemia (to nearest hour)              | Graft.Ischemia         |
| 15          | ImmediateFunctionCode    | Conditional       | Nvarchar         | Yes              | Immediate function                             | Graft.Function         |
| 16          | FirstProvenDate          | Conditional       | Integer          | No               | Date disease in graft kidney first proven      | Graft.Prddate          |

|    |                        |             |          |     |   |                 |
|----|------------------------|-------------|----------|-----|---|-----------------|
| 17 | ABOiFlag               | Conditional | Nvarchar | Yes | ABO incompatible graft                        |                 |
| 18 | DiseaseInGraftCode     | Conditional | Nvarchar | Yes | Disease in graft kidney                       | Graft.Prdrecurr |
| 19 | GraftfailureCauseCode  | Conditional | byte     | Yes | Cause of graft failure                        | Graft.Causfail  |
| 20 | GraftFailureCauseOther | Conditional | Nvarchar | No  | Other causes of graft failure                 | Graft.Causothr  |
| 21 | GraftFailureDate       | Conditional | Integer  | No  | Date of failure of graft                      | Graft.Failedate |
| 22 | OldId                  | Conditional | Integer  | No  | Old ANZDATA patient ID                        | Graft.Patient   |
| 23 | CountryCode            | Conditional | Integer  | Yes | Transplant Country for overseas transplants   | Graft.Tranctry  |
| 24 | MultiOrganCode         | Conditional | Nvarchar | Yes | Has recipient had another organ transplanted? | Graft.Multiple  |
| 25 | CreatedByUser          | Mandatory   | Nvarchar | No  |   |                 |
| 26 | CreatedDate            | Mandatory   | Datetime | No  |   |                 |
| 27 | ModifiedByUser         | Conditional | Nvarchar | No  |   |                 |
| 28 | ModifiedDate           | Conditional | Datetime | No  |   |                 |

## Relational attributes

*Related metadata references:*

AnzdataRecipientAntibodyStatus  
CommonCentres  
CodeSourceofDonorkidney  
CodeImediateFunction  
CodeCauseofGraftFailure  
CodeCountryOfBirth

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period in relation to any kidney transplant performed in Australia or New Zealand or any patient who transfers from overseas with a kidney Transplant and is under the care of a Renal Unit in Australia and New Zeland.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'GRAFT' of the legacy 'ORACLE' database.

---

## ANZDATA Transplant Multiorgan

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantMultiorgan</b>   |
| <i>Historical table name:</i> | 'Multiple'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Multiple'. This data cluster records all kidney transplants on Australian and New Zealand residents requiring renal replacement. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>      | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|----------------------------|------------------------|
| 1           | MultiOrganId         | Mandatory         | Int              | No               | Multiple organ ID          |                        |
| 2           | TransplantId         | Mandatory         | Int              | No               | Transplant ID              | Multiple.Multiseq      |
| 3           | OrganCode            | Mandatory         | Byte             | Yes              | Code of organ transplanted | Multiple.Organ         |
| 4           | CreatedByUser        | Mandatory         | NVarchar         | No               |                            |                        |
| 5           | CreatedDate          | Mandatory         | Date             | No               |                            |                        |
| 6           | ModifiedByUser       | Optional          | NVarchar         | No               |                            |                        |
| 7           | ModifiedDate         | Optional          | Date             | No               |                            |                        |

### Relational attributes

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| <i>Related metadata references:</i> | AnzdataTransplants<br>CodeOrganTissue |
|-------------------------------------|---------------------------------------|

### Collection and usage attributes

|                                  |   |
|----------------------------------|---|
| <i>Guide for use:</i>            | Data is collected in real-time or at the end a survey period in relation to an multiorgan transplant.                                 |
| <i>Implementation start date</i> | <b>25/5/2016</b>  |
| <i>Comments:</i>                 | This data cluster is in addition to the some or all data elements in the historical tables 'MULTIPLE' of the legacy ORACLE' database. |

---

## ANZDATA Transplant HLA Typing

---

### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataTransplantHLATyping</b>   |
| <i>Historical table name:</i> | 'Donor'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Donor'. This data cluster records all kidney transplants on Australian and New Zealand residents requiring renal replacement. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>       | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>              | <i>Historical item</i> |
|-------------|----------------------------|-------------------|------------------|------------------|------------------------------------|------------------------|
| 1           | HlaTypingId                | Mandatory         | Integer          | No               | HLA typing ID                      |                        |
| 2           | TransplantId               | Mandatory         | Integer          | Yes              | Transplant ID                      |                        |
| 3           | PatientId                  | Conditional       | Integer          | Yes              | ANZDATA patient ID                 | <i>Donor.Patient</i>   |
| 4           | BloodGroupCode             | Conditional       | Nvarchar         | No               | Blood group                        | <i>Donor.BIGroup</i>   |
| 5           | A1Code                     | Conditional       | Integer          | Yes              | A locus 1                          | <i>Donor.A1</i>        |
| 6           | A2Code                     | Conditional       | Integer          | Yes              | A locus 2                          | <i>Donor.A2</i>        |
| 7           | B1Code                     | Conditional       | Integer          | Yes              | B locus 1                          | <i>Donor.B1</i>        |
| 8           | B2Code                     | Conditional       | Integer          | Yes              | B locus 2                          | <i>Donor.B2</i>        |
| 9           | Dr1Code                    | Conditional       | Integer          | Yes              | DR locus 1                         | <i>Donor.D1</i>        |
| 10          | Dr2Code                    | Conditional       | Integer          | Yes              | DR locus 2                         | <i>Donor.D2</i>        |
| 11          | Dq1Code                    | Conditional       | Integer          | Yes              | DQ locus 1                         | <i>Donor.DQ1</i>       |
| 12          | Dq2Code                    | Conditional       | Integer          | Yes              | DQ locus 2                         | <i>Donor.DQ2</i>       |
| 13          | MaxcytotoxicAntibodies     | Conditional       | Integer          | No               | Maximum cytotoxic antibodies       | <i>Donor.MAXCYTO</i>   |
| 14          | MaxcytotCell               | Conditional       | Integer          | No               | Crossmatch T cell for Maxcyto      | <i>Donor.MAXTCELL</i>  |
| 15          | CaxcytobCell               | Conditional       | Integer          | No               | Crossmatch B cell for Maxcyto      | <i>Donor.MAXBCELL</i>  |
| 16          | CurrentCytotoxicAntibodies | Conditional       | Integer          | No               | Current (At transplant) antibodies | <i>Donor.CURRCYTO</i>  |

|    |                |             |          |    |                                |                            |
|----|----------------|-------------|----------|----|--------------------------------|----------------------------|
| 17 | CurrcytoTCell  | Conditional | Integer  | No | Crossmatch T cell for Currcyto | <i>Donor.CURRTCELL</i>     |
| 18 | CurrcytoBCell  | Conditional | Integer  | No | Crossmatch B cell for Currcyto | <i>Donor.CURRBCELL</i>     |
| 19 | CreatedByUser  | Mandatory   | Nvarchar | No |                                | <i>Donor.Created_By</i>    |
| 20 | CreatedDate    | Mandatory   | Datetime | No |                                | <i>Donor.Created_Date</i>  |
| 21 | ModifiedByUser | Conditional | Nvarchar | No |                                | <i>Donor.Modified_By</i>   |
| 22 | ModifiedDate   | Conditional | Datetime | No |                                | <i>Donor.Modified_Date</i> |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CodeHLAATyping  
CodeHLABTyping  
CodeHLADRTyping  
CodeHLADQtyping

## Collection and usage attributes

*Guide for use:*

Data is collected at the end a survey period in relation to transplant recipients HLA typing and blood group.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'DONOR' of the legacy 'ORACLE' database.



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## ANZDATA Transplant Therapies

---

### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataTransplantTherapies</b>   |
| <i>Historical table name:</i> | 'Monoclonal'  |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Monoclonal'. This data cluster records in order of administration, each separate course of such drugs; a second course of the same drug is recorded separately. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>        | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                 | <i>Historical item</i> |
|-------------|-----------------------------|-------------------|------------------|------------------|---------------------------------------|------------------------|
| 1           | Therapyid                   | Mandatory         | Integer          | No               | Transplant therapy ID                 |                        |
| 2           | Transplantid                | Mandatory         | Integer          | Yes              | Transplant ID                         | Monoclonal.Graftno     |
| 3           | CourseNo                    | Mandatory         | Integer          | No               | Therapy course number                 | Monoclonal.Sequno      |
| 4           | TherapyDate                 | Mandatory         | Datetime         | No               | Date of Monoclonal/Polyclonal therapy | Monoclonal.Monodate    |
| 5           | AgentCode                   | Conditional       | Integer          | Yes              | Type of agent                         | Monoclonal.Agent       |
| 6           | AgentOther                  | Conditional       | Nvarchar         | No               | Other types of agent                  | Monoclonal.Agentothr   |
| 7           | DosesGiven                  | Conditional       | Integer          | No               | Actual number of doses given          | Monoclonal.Doses       |
| 8           | TherapyReasonCode           | Conditional       | Integer          | Yes              | Reason for use                        | Monoclonal.Reason      |
| 9           | TherapyReasonOther          | Conditional       | Nvarchar         | No               | Other reason                          | Monoclonal.Reasonothr  |
| 10          | AboiId                      | Conditional       | Integer          | Yes              | ABOi ID                               |                        |
| 11          | PostTransplantTreatmentFlag | Conditional       | Bit              | No               | Therapy date is post-transplant?      |                        |
| 11          | CreatedByUser               | Mandatory         | Nvarchar         | No               |                                       |                        |
| 12          | CreatedDate                 | Mandatory         | Datetime         | No               |                                       |                        |
| 13          | ModifiedByUser              | Conditional       | Nvarchar         | No               |                                       |                        |
| 14          | ModifiedDate                | Conditional       | Datetime         | No               |                                       |                        |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CodeMonoclonalPolyclonalAgent  
CodeMonoclonalPolyclonalReason

## Collection and usage attributes

*Guide for use:*

Data is collected in real-time or at the end a survey period. Records the date, identity of the monoclonal or polyclonal therapy used, number of doses given and the reason for administration, according to the codes in the 'CodeMonoclonalPolyclonalAgent' and 'CodeMonoclonalPolyclonalReason' tables respectively.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'MONOCLONAL' of the legacy 'ORACLE' database.

Data has been collected in this table since 1/4/1997.

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## ANZDATA Transplant Drug Doses

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantDrugDoses</b>  |
| <i>Historical table name:</i> | 'Drug'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Drug'. This data cluster records the initial oral maintenance dose of immunosuppression therapy and at every anniversary timepoint thereafter. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|-----------------------|------------------------|
| 1           | DrugDoseId           | Mandatory         | Integer          | No               | Drug dose ID          |                        |
| 2           | TransplantId         | Mandatory         | Integer          | Yes              | Transplant ID         | Drug.GraftNo           |
| 3           | DrugCode             | Conditional       | Nvarchar         | Yes              | Drug code             | Drug.Drug              |
| 4           | MonthCode            | Conditional       | Integer          | No               | Time after transplant |                        |
| 5           | DrugDose             | Conditional       | Decimal          | No               | Dose                  |                        |
| 6           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                       |                        |
| 7           | CreatedDate          | Mandatory         | Datetime         | No               |                       |                        |
| 8           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                       |                        |
| 9           | ModifiedDate         | Conditional       | Datetime         | No               |                       |                        |

### Relational attributes

|                                     |                    |
|-------------------------------------|--------------------|
| <i>Related metadata references:</i> | AnzdataTransplants |
|-------------------------------------|--------------------|

### Collection and usage attributes

|                       |   |
|-----------------------|---|
| <i>Guide for use:</i> | Data is collected in real-time or at the end a survey period. |
|-----------------------|---|

Intravenous loading doses administered at or shortly after transplantation are not reported. If an unlisted drug is used, there is the ability to record the name of the drug under the drug 'OTHER (Specify)'. Only drugs taken at the listed intervals should be recorded in this data cluster. The drug dose recorded on the closest day preceding the requested time interval is to be collected.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in replaces some or all data elements in the historical table 'DRUG' of the legacy 'ORACLE' database.

---

## ANZDATA Transplant CYA Sparing

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantCYASparing</b>   |
| <i>Historical table name:</i> | 'CYADrug'  |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'CYADrug'. This data cluster records if a kidney transplant recipient is taking medication that is Cyclosporin Sparing. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>  | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|------------------------|------------------------|
| 1           | CyaDrugId            | Mandatory         | Integer          | No               | CYA drug ID            |                        |
| 2           | TransplantId         | Mandatory         | Integer          | No               | Transplant ID          | CYADrug.GraftNo        |
| 3           | CyaCode              | conditional       | Integer          | Yes              | CYA sparing drug given |                        |
| 4           | MonthCode            | Conditional       | integer          | Yes              | Time after transplant  |                        |
| 5           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                        |                        |
| 6           | CreatedDate          | Mandatory         | Datetime         | No               |                        |                        |
| 7           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                        |                        |
| 8           | ModifiedDate         | Conditional       | Datetime         | No               |                        |                        |

### Relational attributes

|                                     |  |
|-------------------------------------|--|
| <i>Related metadata references:</i> | AnzdataTransplants<br>CodeTransplantDrugDoseMonths |
|-------------------------------------|--|

### Collection and usage attributes

|                                  |   |
|----------------------------------|---|
| <i>Guide for use:</i>            | Data is collected in real-time or at the end a survey period. |
| <i>Implementation start date</i> | <b>25/5/2016</b>  |

*Comments:*

This data cluster is in replaces some or all data elements in the historical table 'CYADrug of the legacy 'ORACLE' database.

Data collection for this cluster commenced on 1/1/1994. CYA sparing medication includes but is not limited to Diltiazem, Verapamil, Ketoconazole.

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## ANZDATA Transplant Weight

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantWeight</b>   |
| <i>Historical table name:</i> | 'Weight'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Weight'. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|-----------------------|------------------------|
| 1           | WeightId             | Mandatory         | Integer          | No               | Weight ID             |                        |
| 2           | TtransplantId        | Mandatory         | Integer          | No               | Transplant ID         | Weight.Graftno         |
| 3           | MonthCode            | Conditional       | Integer          | Yes              | Time after transplant |                        |
| 4           | Weight               | Conditional       | Decimal          | No               | Weight                |                        |
| 5           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                       |                        |
| 6           | CreatedDate          | Mandatory         | Datetime         | No               |                       |                        |
| 7           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                       |                        |
| 8           | ModifiedDate         | Conditional       | Datetime         | No               |                       |                        |

### Relational attributes

|                                     |  |
|-------------------------------------|--|
| <i>Related metadata references:</i> | AnzdataTransplants<br>CodeTransplantDrugDoseMonths |
|-------------------------------------|--|

### Collection and usage attributes

|                                  |   |
|----------------------------------|---|
| <i>Guide for use:</i>            | Data is collected in real-time or at the end a survey period. |
| <i>Implementation start date</i> | <b>25/5/2016</b>  |

*Comments:*

This data cluster is in replaces some or all data elements in the historical table 'WEIGHT' of the legacy 'ORACLE' database.



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## ANZDATA Transplant Serum Creatinine

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantSerumCreatinine</b>  |
| <i>Historical table name:</i> | 'SCreat'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'SCreat'. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|-----------------------|------------------------|
| 1           | SerumCreatinineId    | Mandatory         | Integer          | No               | Serum creatinine ID   |                        |
| 2           | TransplantId         | Mandatory         | Integer          | No               | Transplant ID         | SCreat.Graftno         |
| 3           | MonthCode            | Conditional       | Integer          | Yes              | Time after transplant |                        |
| 4           | SerumCreatinine      | Conditional       | Integer          | No               | Serum creatinine      |                        |
| 5           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                       |                        |
| 6           | CreatedDate          | Mandatory         | Datetime         | No               |                       |                        |
| 7           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                       |                        |
| 8           | ModifiedDate         | Conditional       | Datetime         | No               |                       |                        |

### Relational attributes

|                                     |  |
|-------------------------------------|--|
| <i>Related metadata references:</i> | AnzdataTransplants<br>CodeTransplantDrugDoseMonths |
|-------------------------------------|--|

### Collection and usage attributes

|                                  |   |
|----------------------------------|---|
| <i>Guide for use:</i>            | Data is collected in real-time or at the end a survey period. |
| <i>Implementation start date</i> | <b>25/5/2016</b>  |

*Comments:*

This data cluster is in replaces some or all data elements in the historical table 'SCREAT' of the legacy 'ORACLE' database.

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## ANZDATA Transplant Rejection

---

### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataTransplantRejection</b>  |
| <i>Historical table name:</i> | 'Rejection'  |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Rejection'. This data cluster records all acute rejection episodes occurring in a survey period on patients with a kidney transplants. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>   | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                           | <i>Historical item</i> |
|-------------|------------------------|-------------------|------------------|------------------|---|------------------------|
| 1           | AcuteRejectionId       | Mandatory         | Integer          | No               | Acute rejection ID                              | Rejection.GraftNo      |
| 2           | TransplantId           | Mandatory         | Integer          | Yes              | Transplant ID                                   |                        |
| 3           | AcuteRejectionDate     | Mandatory         | Integer          | No               | Date of this rejection episode                  | Rejection.RejDate      |
| 4           | BiopsyPerformedCode    | Conditional       | Nvarchar         | Yes              | Was a biopsy performed?                         | Rejection.Biopsy       |
| 5           | CellularCode           | Conditional       | Integer          | Yes              | If biopsy is Yes ? Cellular                     | Rejection.Cellular     |
| 6           | GlomerularCode         | Conditional       | Integer          | Yes              | If biopsy is Yes ? Glomerular                   | Rejection.Glomerular   |
| 7           | VascularCode           | Conditional       | Integer          | Yes              | If biopsy is Yes ? Vascular                     | Rejection.Vascular     |
| 8           | HumoralCode            | Conditional       | Nvarchar         | Yes              | Humoral Rejection                               | Rejection.Humoral      |
| 9           | AcuteBanffgCode        | Conditional       | Integer          | Yes              | If biopsy is Yes and Banff g is known           | Rejection.BanFFG       |
| 10          | AcuteBanffiCode        | Conditional       | Integer          | Yes              | If biopsy is Yes and Banff i is known           | Rejection.BanFFI       |
| 11          | AcuteBanfftCode        | Conditional       | Integer          | Yes              | If biopsy is Yes and Banff t is known           | Rejection.BanFFT       |
| 12          | AcuteBanffvCode        | Conditional       | Integer          | Yes              | If biopsy is Yes and Banff v is known           | Rejection.BanFFV       |
| 13          | ResponseConsideredCode | Conditional       | Integer          | Yes              | Likelihood of rejection if biopsy not performed | Rejection.BXNo         |
| 14          | TreatmentResponseCode  | Conditional       | Nvarchar         | Yes              | Response of this rejection to treatment         | Rejection.Response     |
| 15          | Comments               | Optional          | Nvarchar         | No               | Comments on rejection episodes                  | Rejection.Comments     |

|    |                |             |          |    |                        |                     |
|----|----------------|-------------|----------|----|------------------------|---------------------|
| 16 | OldId          | Conditional | Integer  | No | Old ANZDATA patient ID | Rejection.GraftNo   |
| 17 | OldNo          | Conditional | Integer  | No | Old no                 |                     |
| 18 | CreatedByUser  | Mandatory   | Nvarchar | No |                        | Donor.Created_By    |
| 19 | CreatedDate    | Mandatory   | Datetime | No |                        | Donor.Created_Date  |
| 20 | ModifiedByUser | Conditional | Nvarchar | No |                        | Donor.Modified_By   |
| 21 | ModifiedDate   | Conditional | Datetime | No |                        | Donor.Modified_Date |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
 AnzdataTransplantRejectionTreatments  
 CodebiopsyRejection  
 CodeAcuteBanffIndices  
 CodeRejectionConsidered

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to kidney transplant recipients who experience any acute rejection episode during a survey. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'REJECTION' of the legacy 'ORACLE' database.

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## ANZDATA Paediatric

---

### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataPaediatric</b>  |
| <i>Historical table name:</i> | 'Paediatric'  |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Paediatric'. This data cluster records data relating to paediatric patients up to the age of 18 years on renal replacement therapy. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                       | <i>Historical item</i>   |
|-------------|----------------------|-------------------|------------------|------------------|---|--------------------------|
| 1           | PaediatricSurveyId   | Mandatory         | Integer          |                  | Paediatric survey ID                        |                          |
| 2           | PatientId            | Mandatory         | Integer          |                  | ANZDATA patient ID                          | Paediatric.Patient       |
| 3           | AssessmentDate       | Mandatory         | Integer          |                  | Date of paediatric assessment               | Paediatric.AssesmentDate |
| 4           | Height               | Conditional       | Decimal          |                  | Height                                      | Paediatric.Height        |
| 5           | Weight               | Conditional       | Decimal          |                  | Weight                                      | Paediatric.Weight        |
| 6           | AssessmentCode       | Conditional       | Integer          |                  | Paediatric Assessment at end of each Survey | Paediatric.Assess        |
| 7           | CreatedByUser        | Mandatory         | Nvarchar         | No               |   | Paediatric.Created_By    |
| 8           | CreatedDate          | Mandatory         | Datetime         | No               |   | Paediatric.Created_Date  |
| 9           | ModifiedByUser       | Conditional       | Nvarchar         | No               |   | Paediatric.Modified_By   |
| 10          | ModifiedDate         | Conditional       | Datetime         | No               |   | Paediatric.Modified_Date |

### Relational attributes

|                                     |   |
|-------------------------------------|---|
| <i>Related metadata references:</i> | AnzdataPatients<br>CodePaediatricAssessment |
|-------------------------------------|---|

### Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to paediatric patients. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'PAEDIATRIC' of the legacy 'ORACLE' database.

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## ANZDATA Parenthood

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### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataParenthood</b>  |
| <i>Historical table name:</i> | 'Parenthood'  |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Parenthood'. This data cluster records data relating to patients on renal replacement therapy who have given birth or fathered a child during the survey. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>      | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                  | <i>Historical item</i> |
|-------------|---------------------------|-------------------|------------------|------------------|--|------------------------|
| 1           | ParenthoodId              | Mandatory         | Integer          |                  | Parenthood ID                          |                        |
| 2           | PatientId                 | Mandatory         | Integer          |                  | ANZDATA patient ID                     | Parenthood.Patient     |
| 3           | ConceptionDate            | Conditional       | Datetime         |                  | Estimated date of conception           | Parenthood.ConcepDate  |
| 4           | OutcomeDate               | Mandatory         | Datetime         |                  | Date of birth or termination           | Parenthood.PareDate    |
| 5           | PregnancyOutcomeCode      | Conditional       | Nvarchar         |                  | Pregnancy outcome                      | Parenthood.Outcome     |
| 6           | BirthWeight               | Conditional       | Decimal          |                  | Weight at birth (gms)                  | Parenthood.BirthWeight |
| 7           | FoetalOutcomeCode         | Conditional       | Nvarchar         |                  | Foetal outcome                         | Parenthood.Foetal      |
| 8           | FoetalOutcomeOther        | Conditional       | Nvarchar         |                  | Description of abnormal foetal outcome | Parenthood.FoetalOthr  |
| 9           | NeonatalSurvivalCode      | Conditional       | Nvarchar         |                  | Neonatal survival                      | Parenthood.Neonatal    |
| 10          | PregnancyEventsCode       | Conditional       | Nvarchar         |                  | Medical conditions acquired            | Parenthood.Medical     |
| 11          | CreatininePriorConception | Conditional       | Nvarchar         |                  | Creatinine prior to conception         | Parenthood.CreatPrior  |
| 12          | CreatininePostDelivery    | Conditional       | Integer          |                  | Creatinine 3 months' post delivery     | Parenthood.CreatPost   |
| 13          | Comments                  | Optional          | Nvarchar         |                  | Any comments                           | Parenthood.Comments    |
| 14          | CreatedByUser             | Mandatory         | Nvarchar         | No               |  |                        |
| 15          | CreatedDate               | Mandatory         | Datetime         | No               |  |                        |
| 16          | ModifiedByUser            | Conditional       | Nvarchar         | No               |  |                        |

17 ModifiedDate Conditional Datetime No

### **Relational attributes**

*Related metadata references:*

AnzdataPatients

### **Collection and usage attributes**

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'CANCER' of the legacy 'ORACLE' database.



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# ANZDATA Cancer Survey

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## Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataCancerSurvey</b>  |
| <i>Historical table name:</i> | 'CancerPats'  |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'CancerPats'. This data cluster records data relating to patients on renal replacement therapy who have given birth or fathered a child during the survey. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i>  |
|-------------|----------------------|-------------------|------------------|------------------|-----------------------|---|
| 1           | Cancersurveyid       | Mandatory         | Integer          | No               | Cancer Survey ID      |   |
| 2           | Patientid            | Mandatory         | Integer          | Yes              | ANZDATA patient ID    | Lymphoma.Patientid  |
| 3           | Comments             | Optional          | Nvarchar         | No               | Comments              | Lymphoma.Comments, Cancerpats.Comments1, Cancerpats.Comments2, Cancerpats.Comments3 |
| 4           | CreatedByUser        | Mandatory         | Nvarchar         | No               |                       |   |
| 5           | CreatedDate          | Mandatory         | Datetime         | No               |                       |   |
| 6           | ModifiedByUser       | Conditional       | Nvarchar         | No               |                       |   |
| 7           | ModifiedDate         | Conditional       | Datetime         | No               |                       |   |

## Relational attributes

|                                     |                 |
|-------------------------------------|-----------------|
| <i>Related metadata references:</i> | AnzdataPatients |
|-------------------------------------|-----------------|

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'CANCER' of the legacy 'ORACLE' database.

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## ANZDATA Cancer In Donor

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### Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataCancerInDonor</b>  |
| <i>Historical table name:</i> | 'CanDonor'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'CanDonor'. This data cluster records data relating to patients who had transplants and reported cancers in donors. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>     | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i> |
|-------------|--------------------------|-------------------|------------------|------------------|-----------------------|------------------------|
| 1           | CancerInDonorId          | Mandatory         | Integer          | No               | Cancer In Donor ID    |                        |
| 2           | TransplantId             | Mandatory         | Integer          | Yes              | ANZDATA Transplant ID |                        |
| 3           | CancerTypeCode           | Conditional       | Nvarchar         | Yes              | Cancer type           | CanDonor.CanType       |
| 4           | CancerTypeOther          | Optional          | Nvarchar         | No               | Cancer type other     |                        |
| 5           | SiteOfCancerCategoryCode | Conditional       | Nvarchar         | No               |                       |                        |
| 6           | SiteOfCancerCode         | Conditional       | Integer          | Yes              |                       | CanDonor.CanSite       |
| 7           | CreatedByUser            | Mandatory         | Nvarchar         | No               |                       |                        |
| 8           | CreatedDate              | Mandatory         | Datetime         | No               |                       |                        |
| 9           | ModifiedByUser           | Conditional       | Nvarchar         | No               |                       |                        |
| 10          | ModifiedDate             | Conditional       | Datetime         | No               |                       |                        |
| 11          | CancerInDonorCode        | Mandatory         | Nvarchar         | Yes              | Cancer in donor?      |                        |
| 12          | Comments                 | Optional          | Nvarchar         | No               |                       |                        |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CodeCancerHistology  
CodeSiteOfCancer  
CodeSiteOfcancerCategory  
CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'CANDONOR' of the legacy 'ORACLE' database.

# ANZDATA Cancer Non Skin Tumours

## Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataCancerNonSkinTumors</b>   |
| <i>Historical table name:</i> | 'NonSkin'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'NonSkin'. This data cluster records data relating to patients who have been reported with non-skin cancers during the survey. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>     | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                | <i>Historical item</i> |
|-------------|--------------------------|-------------------|------------------|------------------|--------------------------------------|------------------------|
| 1           | NonSkinTumourId          | Mandatory         | Integer          | No               | Non Skin Tumor ID                    |                        |
| 2           | PatientId                | Mandatory         | Integer          | Yes              | ANZDATA patient ID                   |                        |
| 3           | CancerTypeCode           | Mandatory         | Nvarchar         | Yes              | Type of non-skin cancer              | NonSkin.CaType         |
| 4           | CancerTypeOther          | Conditional       | Nvarchar         | No               | Other cancer description             | NonSkin.TypeDescr      |
| 5           | DiagnosisDate            | Conditional       | Datetime         | No               | Cancer diagnosis date                | NonSkin.caDate         |
| 6           | SiteOfCancerCategoryCode | Conditional       | Integer          | Yes              | Cancer Site category code            |                        |
| 7           | SiteOfCancerCode         | Conditional       | Integer          | Yes              | Cancer site code                     | NonSkin.PrimSite       |
| 8           | DiagnosisCancerStageCode | Conditional       | Integer          | Yes              | Cancer stage code at diagnosis       | NonSkin.CaStage        |
| 9           | TreatmentType1Code       | Conditional       | Integer          | Yes              | 1 <sup>st</sup> Treatment type code  | NonSkin.Rx1            |
| 10          | TreatmentType1Other      | Optional          | Nvarchar         | No               | 1 <sup>st</sup> treatment type other | NonSkin.RxOther        |
| 11          | TreatmentType2Code       | Conditional       | Integer          | Yes              | 2 <sup>nd</sup> Treatment type code  | NonSkin.Rx2            |
| 12          | TreatmentType2Other      | Optional          | Nvarchar         | No               | 2 <sup>nd</sup> Treatment type other | NonSkin.RxOther        |
| 13          | TreatmentType3Code       | Conditional       | Integer          | Yes              | 3 <sup>rd</sup> Treatment type code  | NonSkin.Rx3            |
| 14          | TreatmentType3Other      | Optional          | Datetime         | No               | 3 <sup>rd</sup> Treatment type other | NonSkin.RxOther        |
| 15          | TreatmentType4Code       | Conditional       | Integer          | Yes              | 4 <sup>th</sup> Treatment type code  | NonSkin.Rx4            |

|    |                               |             |          |     |                                      |                   |
|----|-------------------------------|-------------|----------|-----|--------------------------------------|-------------------|
| 16 | TreatmentType4Other           | Optional    | Nvarchar | No  | 4 <sup>th</sup> Treatment type other | NonSkin.RxOther   |
| 17 | TreatmentType5Code            | Conditional | Integer  | Yes | 5 <sup>th</sup> Treatment type code  | NonSkin.Rx5       |
| 18 | TreatmentType5Other           | Optional    | Nvarchar | No  | 5 <sup>th</sup> Treatment type other | NonSkin.RxOther   |
| 19 | MetastasesFirstLymphNodesDate | Conditional | Datetime | No  | Date of first Metastases Lymph Nodes | NonSkin.LymphDate |
| 20 | MetastasesFirstSystemicDate   | Conditional | Datetime | No  | Date of first Metastases systemic    | NonSkin.SystDate  |
| 21 | FirstLocalRecurrenceDate      | Conditional | Datetime | No  | Date of first local recurrence       | NonSkin.RecurDate |
| 22 | CausedRenalFailueCode         | Conditional | Integer  | Yes | Cause of renal failure code          | NonSkin.Causprd   |
| 23 | CausedDeathCode               | Conditional | Integer  | Yes | Cause of death code                  | NonSkin.CausDeath |
| 24 | CreatedByUser                 | Mandatory   | Nvarchar | No  |                                      |                   |
| 25 | CreatedDate                   | Mandatory   | Datetime | No  |                                      |                   |
| 26 | ModifiedByUser                | Conditional | Nvarchar | No  |                                      |                   |
| 27 | ModifiedDate                  | Conditional | Datetime | No  |                                      |                   |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
CodeCancerHistology  
CodeSiteOfCancerCategory  
CodeSiteOfCancer  
CodeAnzdataCancerHistology  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'NONSKIN' of the legacy 'ORACLE' database.

# ANZDATA Cancer Skin Tumours

## Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataCancerSkinTumors</b>   |
| <i>Historical table name:</i> | 'Skin'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Skin'. This data cluster records data relating to patients who have been reported with skin cancers during the survey. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i>                    | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>                    | <i>Historical item</i> |
|-------------|---|-------------------|------------------|------------------|--|------------------------|
| 1           | SkinTumourId                            | Mandatory         | Integer          | No               | Parenthood ID                            |                        |
| 2           | PatientId                               | Mandatory         | Integer          | Yes              | ANZDATA patient ID                       |                        |
| 3           | CancerTypeCode                          | Conditional       | Integer          | Yes              | Type of skin cancer                      | Skin.CaType            |
| 4           | CancerTypeOther                         | Conditional       | Nvarchar         | No               | Skin cancer other                        |                        |
| 5           | FirstDiagnosisPreEntryToESRFProgramDate | Conditional       | Datetime         | No               | First diagnosis date of pre entry to ESR | Skin.PreDate           |
| 6           | FirstDiagnosisOnDialysisDate            | Conditional       | Datetime         | No               | First diagnosis date of dialysis         | Skin.DxDate            |
| 7           | FirstDiagnosisPostTransplantDate        | Conditional       | Datetime         | No               | First diagnosis date of post-transplant  | Skin.Postdate          |
| 8           | MetastasesFirstLymphNodesDate           | Conditional       | Datetime         | No               | First date of Lymph nodes                | Skin.LymphDate         |
| 9           | MetastasesFirstSystemicDate             | Conditional       | Datetime         | No               | First systematic date of Metastases      | Skin.systDate          |
| 10          | CausedDeathCode                         | Conditional       | Integer          | Yes              | Death caused code                        | Skin.CausDeath         |
| 11          | CreatedByUser                           | Mandatory         | Nvarchar         | No               |  |                        |
| 12          | CreatedDate                             | Mandatory         | Datetime         | No               |  |                        |
| 13          | ModifiedByUser                          | Conditional       | Nvarchar         | No               |  |                        |
| 14          | ModifiedDate                            | Conditional       | Datetime         | No               |  |                        |

## Relational attributes

*Related metadata references:*

AnzdataPatients  
CodeCancerHistology  
CodeSiteOfCancerCategory  
CodeSiteOfCancer  
CodeAnzdataCancerHistology  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeAnzdataCancerTreatmentType  
CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'SKIN' of the legacy 'ORACLE' database.



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# ANZDATA Cancer Lymphoma

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## Identifying and definitional attributes

|                               |  |
|-------------------------------|--|
| <i>Metadata item type:</i>    | Data set specifications  |
| <i>DSS type:</i>              | Data element cluster   |
| <i>Table name:</i>            | <b>AnzdataCancerLymphomas</b>  |
| <i>Historical table name:</i> | 'Lymphoma'   |
| <i>Registration status:</i>   | Active   |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'Lymphoma'. This data cluster records data relating to patients who have been reported with skin cancers during the survey. |

## Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

## Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i>  | <i>Historical item</i> |
|-------------|----------------------|-------------------|------------------|------------------|------------------------|------------------------|
| 1           | LymphomaId           | Mandatory         | Integer          | No               | Parenthood ID          |                        |
| 2           | PatientId            | Mandatory         | Integer          | Yes              | ANZDATA patient ID     | Lymphoma.Patient       |
| 3           | DiffuseCode          | Conditional       | Integer          | Yes              | Diffuse code           | Lymphoma.Diffuse       |
| 4           | NodularCode          | Conditional       | Integer          | Yes              | Nodular code           | Lymphoma.Nodular       |
| 5           | FollicularCode       | Conditional       | Integer          | Yes              | Follicular code        | Lymphoma.Follicular    |
| 6           | Other1               | Conditional       | Nvarchar         | No               | Other description      | Lymphoma.Other         |
| 7           | HystiocyticCode      | Conditional       | Integer          | Yes              | Hystiocytic code       | Lymphoma.Histiocytic   |
| 8           | LymphocyticCode      | Conditional       | Integer          | Yes              | Lymphocytic code       | Lymphoma.Lymphocytic   |
| 9           | MixedCode            | Conditional       | Integer          | Yes              | Mixed code             | Lymphoma.Mixed         |
| 10          | UndifferentiatedCode | Conditional       | Integer          | Yes              | Un differentiated code | Lymphoma.Undiff        |
| 11          | BCellCode            | Conditional       | Integer          | Yes              | BCell code             | Lymphoma.Bcell         |
| 12          | TCellCode            | Conditional       | Integer          | Yes              | TCell code             | Lymphoma.Tcell         |
| 13          | LargeCellCode        | Conditional       | Integer          | Yes              | Large cell code        | Lymphoma.Largecell     |
| 14          | SmallCellCode        | Conditional       | Integer          | Yes              | Small cell code        | Lymphoma.Smallcell     |

|    |               |             |          |    |                   |                 |
|----|---------------|-------------|----------|----|-------------------|-----------------|
| 15 | Other2        | Conditional | Nvarchar | No | Other description | Lymphoma.Other1 |
| 16 | CreatedByUser | Mandatory   | Nvarchar | No |                   |                 |
| 17 | CreatedDate   | Mandatory   | Datetime | No |                   |                 |

## Relational attributes

*Related metadata references:*

AnzdataPatients

CodeYesNo

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'LYMPHOMA' of the legacy 'ORACLE' database.

# ANZDATA CTS Pre Transplant

## Identifying and definitional attributes

|                        |   |
|------------------------|---|
| Metadata item type:    | Data set specifications   |
| DSS type:              | Data element cluster  |
| Table name:            | <b>AnzdataCTSPreTransplant</b>  |
| Historical table name: | 'CTSPreTx'  |
| Registration status:   | Active  |
| Description:           | This data cluster replaces some or all data elements in the historical table 'CTSPreTx'. This data cluster records data relating to patients pre transplant data who participate for the CTS study. |

## Source or reference attributes

|                          |                  |
|--------------------------|------------------|
| Submitting Organisation: | ANZDATA Registry |
|--------------------------|------------------|

## Metadata items in this Data Set Specifications

| Item | Metadata item                         | Obligation  | Data Type | Reference | Variable Label                                      | Historical item      |
|------|---------------------------------------|-------------|-----------|-----------|---|----------------------|
| 1    | CTSPreTransplantId                    | Mandatory   | Integer   | No        | CTS pre transplant Id                               |                      |
| 2    | TransplantId                          | Mandatory   | Integer   | Yes       | ANZDATA transplant Id                               | Lymphoma.Patient     |
| 3    | EvaluationCode                        | Conditional | Nvarchar  | Yes       | General evaluation as candidate for tx              | Lymphoma.Diffuse     |
| 4    | EvaluationCardiovascularCode          | Conditional | Nvarchar  | Yes       | Moderate or poor evaluation, cardiovascular ?       | Lymphoma.Nodular     |
| 5    | EvaluationObesityCode                 | Conditional | Nvarchar  | Yes       | Moderate or poor evaluation, obesity                | Lymphoma.Follicular  |
| 6    | EvaluationOther                       | Conditional | Nvarchar  | No        | Other reason for moderate or poor evaluation        | Lymphoma.Other       |
| 7    | SmokingCode                           | Conditional | Nvarchar  | No        | Currently smoking?                                  | Lymphoma.Histiocytic |
| 8    | BloodTransfusionWholeBlood            | Conditional | Integer   | No        | Number of units ever given                          | Lymphoma.Lymphocytic |
| 9    | BloodTransfusionPacked                | Conditional | Integer   | No        | Number of packed cells given                        | Lymphoma.Mixed       |
| 10   | BloodTransfusionWashed                | Conditional | Integer   | No        | Number of washed cells ever given                   | Lymphoma.Undiff      |
| 11   | BloodTransfusionFrozenFiltered        | Conditional | Integer   | No        | Number of frozen or filtered cells ever given       | Lymphoma.Bcell       |
| 12   | LastTransfusionDate                   | Conditional | Date      | No        | Date of last transfusion prior to tx                | Lymphoma.Tcell       |
| 13   | DonorSpecificTransfusions             | Conditional | Integer   | No        | If living donor, no. of donor specific transfusions | Lymphoma.Largecell   |
| 14   | CrossmatchHighestWholeLymphocytesCode | Conditional | Nvarchar  | Yes       | Highest reactive serum of whole lymphocytes         | Lymphoma.Smallcell   |
| 15   | CrossmatchHighestTCellsCode           | Conditional | Nvarchar  | Yes       | Highest reactive serums                             | Lymphoma.Other1      |
| 16   | CrossmatchHighestBCellsCode           | Conditional | Nvarchar  | Yes       | Highest reactive serums                             |                      |

|    |                                      |             |          |     |                                    |
|----|--------------------------------------|-------------|----------|-----|------------------------------------|
| 17 | CrossmatchHighestFlowCode            | Conditional | Nvarchar | Yes | Highest flow                       |
| 18 | CrossmatchHighestELISACode           | Conditional | Nvarchar | Yes | Highest ELISA                      |
| 19 | CrossmatchHighestAutologousTCode     | Conditional | Nvarchar | Yes | Highest Autologous X-match T cells |
| 20 | CrossmatchHighestAutologousBCode     | Conditional | Nvarchar | Yes | Highest Autologous X-match B cells |
| 21 | CrossmatchHighestDTTXMatchCode       | Conditional | Nvarchar | Yes | Highest DTT X-match                |
| 22 | CrossmatchLatestWholeLymphocytesCode | Conditional | Nvarchar | Yes | Latest serum of whole lymphocytes  |
| 23 | CrossmatchLatestTCellsCode           | Conditional | Nvarchar | Yes | Latest serum T cells               |
| 24 | CrossmatchLatestBCellsCode           | Conditional | Nvarchar | Yes | Latest serum B cells               |
| 25 | CrossmatchLatestFlowCode             | Conditional | Nvarchar | Yes | Latest flow                        |
| 26 | CrossmatchLatestELISACode            | Conditional | Nvarchar | Yes | Latest ELISA                       |
| 27 | CrossmatchLatestAutologousTCode      | Conditional | Nvarchar | Yes | Latest Autologous X-match T cells  |
| 28 | CrossmatchLatestAutologousBCode      | Conditional | Nvarchar | Yes | Latest Autologous X-match B cells  |
| 29 | CrossmatchLatestDTTXMatchCode        | Conditional | Nvarchar | Yes | Latest DTT X-match                 |
| 30 | CreatedByUser                        | Mandatory   | Nvarchar | No  |                                    |
| 31 | CreatedDate                          | Mandatory   | Date     | No  |                                    |
| 32 | ModifiedByUser                       | Conditional | Nvarchar | No  |                                    |
| 33 | ModifiedDate                         | Conditional | Date     | No  |                                    |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CodeGeneralEvaluation  
CodeYesNo  
CodePositiveNegative

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'CTSPTRETX' of the legacy 'ORACLE' database.

# ANZDATA CTS Follow Up

## Identifying and definitional attributes

|                        |   |
|------------------------|---|
| Metadata item type:    | Data set specifications   |
| DSS type:              | Data element cluster  |
| Table name:            | <b>AnzdataCTSFollowup</b>   |
| Historical table name: | 'CTSFollowUp'   |
| Registration status:   | Active  |
| Description:           | This data cluster replaces some or all data elements in the historical table 'CTSFollowUp'. This data cluster records data relating to patient's pre transplant data who participate for the CTS study. |

## Source or reference attributes

|                          |                  |
|--------------------------|------------------|
| Submitting Organisation: | ANZDATA Registry |
|--------------------------|------------------|

## Metadata items in this Data Set Specifications

| Item | Metadata item             | Obligation  | Data Type | Reference | Variable Label                               | Historical item       |
|------|---------------------------|-------------|-----------|-----------|--|-----------------------|
| 1    | CTSFollowUpId             | Mandatory   | Integer   | No        | CTS followup Id                              |                       |
| 2    | TransplantId              | Mandatory   | Integer   | Yes       | ANZDATA transplant Id                        |                       |
| 3    | FollowupYears             | Conditional | Integer   | No        | Number of year post transplant               | CTSFollowup.YearPost  |
| 4    | TransplantDate            | Conditional | Date      | No        | Transplant date                              |                       |
| 5    | TransplantCentreCode      | Conditional | Nvarchar  | Yes       | Transplant centre code                       |                       |
| 6    | RenalFunctionStableCode   | Conditional | Nvarchar  | Yes       | Stable renal function during last 2 months   | CTSFollowup.stable    |
| 7    | RenalFunctionUnstableCode | Conditional | Nvarchar  | Yes       | Unstable renal function during last 2 months | CTSFollowup.Unstable  |
| 8    | BloodPressureSystolic     | Conditional | Integer   | No        | Current highest blood pressure-maximum       | CTSFollowup.Systolic  |
| 9    | BloodPressureDiastolic    | Conditional | Integer   | No        | Current lowest blood pressure-maximum        | CTSFollowup.Diastolic |
| 10   | AntiHypertensiveDrugsCode | Conditional | Nvarchar  | Yes       | Having anti-hypertensive drugs?              | CTSFollowup.Drugs     |
| 11   | ACEInhibitorCode          | Conditional | Nvarchar  | Yes       | Does patient receive an ACE Inhibitor drug?  | CTSFollowup.ACE       |
| 12   | OsteonecrosisCode         | Conditional | Nvarchar  | Yes       | Does patient show evidence of osteonecrosis? | CTSFollowup.Osteonec  |
| 13   | OsteoporosisCode          | Conditional | Nvarchar  | Yes       | Does patient show evidence of osteoporosis?  | CTSFollowup.Osteopor  |

|    |                           |             |          |     |   |                         |
|----|---------------------------|-------------|----------|-----|---|-------------------------|
| 14 | BonePainCode              | Conditional | Nvarchar | Yes | Does patient show evidence of other type bone pain? | CTSFollowup.BoneOthr    |
| 15 | CataractCode              | Conditional | Nvarchar | Yes | Has patientcataracts                                | CTSFollowup.Cataract    |
| 16 | CataractImpairmentCode    | Conditional | Nvarchar | Yes | If cataracts - visual imparement                    | CTSFollowup.Visual      |
| 17 | HospitalisedInfectionCode | Conditional | Nvarchar | Yes | Has patient been hospitalised due to infection?     | CTSFollowup.Infection   |
| 18 | SmokingCode               | Conditional | Nvarchar | Yes | Is patient currently a smoker?                      | CTSFollowup.Smoking     |
| 19 | CurrentCholesterol        | Conditional | Deimal   | No  | Current serum cholesterol                           | CTSFollowup.Cholesterol |
| 20 | StatinTreatmentCode       | Conditional | Nvarchar | Yes | Is patient on statin treatment                      | CTSFollowup.Statin      |
| 21 | CreatedByUser             | Mandatory   | Nvarchar | No  | Highest DTT X-match                                 |                         |
| 22 | CreatedDate               | Mandatory   | Datetime | No  | Latest serum of whole lymphocytes                   |                         |
| 23 | ModifiedByUser            | Conditional | Nvarchar | No  | Latest serum T cells                                |                         |
| 24 | ModifiedDate              | Conditional | Datetime | No  | Latest serum B cells                                |                         |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CommonCentres  
CodeYesNo  
CodeOsteoporosis  
CodeImpairment  
CodeHospitalisedInfection

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to cancer of patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'CTSFOLLOWUP' of the legacy 'ORACLE' database.

# ANZDATA ABO Incompatible

## Identifying and definitional attributes

Metadata item type:

Data set specifications

DSS type:

Data element cluster

Table name:

**AnzdataABOi**

Historical table name:

'ABOi\_PreTransplant'

Registration status:

Active

Description:

This data cluster replaces some or all data elements in the historical table 'ABOi\_PreTransplant'. This data cluster records pre transplant data relating to patients who have been reported with ABO incompatible kidney transplant data during the survey.

## Source or reference attributes

Submitting Organisation:

ANZDATA Registry

## Metadata items in this Data Set Specifications

| Item | Metadata item             | Obligation  | Data Type | Reference | Variable Label                             | Historical item             |
|------|---------------------------|-------------|-----------|-----------|--|-----------------------------|
| 1    | ABOiId                    | Mandatory   | Integer   | No        | ABOi ID                                    |                             |
| 2    | TransplantId              | Mandatory   | Integer   | Yes       | Patient's transplant ID                    |                             |
| 3    | DonorAntibodiesClass1Code | Conditional | Integer   | Yes       | Antibodies Class1 Code                     | Donor.DonAntClassI          |
| 4    | DonorAntibodiesClass2Code | Conditional | Integer   | Yes       | Antibodies Class2 Code                     | Donor.DonAntClassII         |
| 5    | PlasmaExchanges           | Conditional | Integer   | No        | Number of plasma exchanges                 | ABOi_PreTransplant.PlasExch |
| 6    | ImmunoadsorbtionSessions  | Conditional | Integer   | No        | Number of Immunoadsorbtion Column Sessions | ABOi_PreTransplant.ImmSess  |
| 7    | TitresMethodCode          | Conditional | Nvarchar  | Yes       | Titres method                              | ABOi_PreTransplant.Tmethod  |
| 8    | TitresPreTreatmentAntiA   | Conditional | Integer   | No        | Anti a pre treatment                       | ABOi_PreTransplant.AntiAPre |
| 9    | TitresTransplantAntiA     | Conditional | Integer   | No        | Anti A at transplant                       | ABOi_PreTransplant.AntiAAt  |
| 10   | TitresPreTreatmentAntiB   | Conditional | Integer   | No        | Anti B pre treatment                       | ABOi_PreTransplant.AntiBPre |
| 11   | TitresTransplantAntiB     | Conditional | Integer   | No        | Anti B at transplant                       | ABOi_PreTransplant.AntiBAAt |
| 12   | RituximabDate             | Conditional | Date      | No        | Date of first Rituximab treatment          | ABOi_PreTransplant.RituDate |
| 13   | RituximabTreatmentDose    | Conditional | Integer   | No        | Dose per treatment of RITUXIMAB (mg/m2)    | ABOi_PreTransplant.RituDose |
| 14   | RituximabTotalTreatments  | Conditional | Integer   | No        | Number of RITUXIMAB treatments             | ABOi_PreTransplant.RituNum  |

|    |                  |             |          |     |  |                               |
|----|------------------|-------------|----------|-----|--|-------------------------------|
| 15 | IVIGDate         | Conditional | Date     | No  | Date of Ivig treatment                   | ABOI_PreTransplant.IvigDate   |
| 16 | IVIGBrandCode    | Conditional | Nvarchar | Yes | Ivig brand code                          | ABOI_PreTransplant.IvigBrand  |
| 17 | IVIGTotalDose    | Conditional | Decimal  | No  | Total Dose pre transplant of IVIG (g/kg) | ABOI_PreTransplant.IvigDose   |
| 18 | SideEffectsCode  | Conditional | Nvarchar | Yes | Type of side effect                      | ABOI_PreTransplant.SideEffect |
| 19 | SideEffectsOther | Conditional | Nvarchar | No  | Side effects other                       | ABOI_PreTransplant.SideEffOth |
| 20 | Comments         | Conditional | ntext    | No  | Comments                                 | ABOI_PreTransplant.Comments   |
| 21 | CreatedByUser    | Mandatory   | Nvarchar | No  |  |                               |
| 22 | CreatedDate      | Mandatory   | Date     | No  |  |                               |
| 23 | ModifiedByUser   | Conditional | Nvarchar | No  |  |                               |
| 24 | ModifiedDate     | Conditional | Date     | No  |  |                               |

## Relational attributes

*Related metadata references:*

AnzdataTransplants  
CodeYesNo  
CodeTitresMethod  
CodeIvigBrand  
CodeSideEffects

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to the patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'ABOi\_PreTransplant' of the legacy 'ORACLE' database.



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## ANZDATA ABO Incompatible Follow Up

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### Identifying and definitional attributes

Metadata item type:

Data set specifications

DSS type:

Data element cluster

Table name:

**AnzdataABOiFollowUp**

Historical table name:

'ABOi\_Followup'

Registration status:

Active

Description:

This data cluster replaces some or all data elements in the historical table 'ABOi\_Followup'. This data cluster records follow up data relating to patients who have been reported with ABO incompatible kidney transplant data during the survey.

### Source or reference attributes

Submitting Organisation:

ANZDATA Registry

### Metadata items in this Data Set Specifications

| Item | Metadata item  | Obligation  | Data Type | Reference | Variable Label                           | Historical item           |
|------|----------------|-------------|-----------|-----------|--|---------------------------|
| 1    | FollowUpId     | Mandatory   | Integer   | No        | Followup Id                              |                           |
| 2    | ABOiId         | Mandatory   | Integer   | Yes       | ABOi ID                                  |                           |
| 3    | TimePeriodCode | Mandatory   | Nvarchar  | Yes       | Post Transplant Treatment Time           | ABOi_Followup.PtTime      |
| 4    | TitresAntiA    | Conditional | Integer   | No        | Titres Anti A                            | ABOi_Followup.TitreantiA  |
| 5    | TitresAntiB    | Conditional | Integer   | No        | Titres Anti B                            | ABOi_Followup.TitreantiB  |
| 6    | Tacrolimus     | Conditional | Decimal   | No        | Trough concentration                     | ABOi_Followup.TroughDrug1 |
| 7    | UrineRatio     | Conditional | Decimal   | No        | Urine Albumin/Creatinine Ratio (mg/mmol) | ABOi_Followup.UrineAcr    |
| 8    | CreatedByUser  | Mandatory   | Nvarchar  | No        |  |                           |
| 9    | CreatedDate    | Mandatory   | Datetime  | No        |  |                           |
| 10   | ModifiedByUser | Conditional | Nvarchar  | No        |  |                           |
| 11   | ModifiedDate   | Conditional | Datetime  | No        |  |                           |

## Relational attributes

*Related metadata references:*

AnzdataABOi  
CodeABOiTimePeriod

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to the patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'ABOi\_Followup' of the legacy 'ORACLE' database.

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## ANZDATA ABO Incompatible Follow Up Biopsy

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### Identifying and definitional attributes

|                               |   |
|-------------------------------|---|
| <i>Metadata item type:</i>    | Data set specifications   |
| <i>DSS type:</i>              | Data element cluster  |
| <i>Table name:</i>            | <b>AnzdataABOiFollowUpBiopsy</b>  |
| <i>Historical table name:</i> | 'ABOi_Biopsy'   |
| <i>Registration status:</i>   | Active  |
| <i>Description:</i>           | This data cluster replaces some or all data elements in the historical table 'ABOi_Biopsy'. This data cluster records biopsy data relating to patients who have been reported with ABO incompatible kidney transplant data during the survey. |

### Source or reference attributes

|                                 |                  |
|---------------------------------|------------------|
| <i>Submitting Organisation:</i> | ANZDATA Registry |
|---------------------------------|------------------|

### Metadata items in this Data Set Specifications

| <i>Item</i> | <i>Metadata item</i> | <i>Obligation</i> | <i>Data Type</i> | <i>Reference</i> | <i>Variable Label</i> | <i>Historical item</i>  |
|-------------|----------------------|-------------------|------------------|------------------|-----------------------|-------------------------|
| 1           | BiopsyId             | Mandatory         | Integer          | No               | Followup Id           |                         |
| 2           | ABOiId               | Mandatory         | Integer          | Yes              | ABOi ID               |                         |
| 3           | BiopsyDate           | Mandatory         | Nvarchar         | Yes              | Biopsy date           | ABOI_Biopsy.BioDate     |
| 4           | BiopsyProtocolCode   | Conditional       | Integer          | No               | Protocol biopsy       | ABOI_Biopsy.BioProtocol |
| 5           | C4dCode              | Conditional       | Integer          | No               | C4d                   | ABOI_Biopsy.BioC4D      |
| 6           | CreatedByUser        | Conditional       | Decimal          | No               |                       |                         |
| 7           | CreatedDate          | Conditional       | Decimal          | No               |                       |                         |
| 8           | ModifiedByUser       | Mandatory         | Nvarchar         | No               |                       |                         |
| 9           | ModifiedDate         | Mandatory         | Datetime         | No               |                       |                         |

## Relational attributes

*Related metadata references:*

AnzdataABOi  
CodeABOiTimePeriod

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to the patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'ABOi\_Biopsy' of the legacy 'ORACLE' database.

# ANZDATA ABO Incompatible Post Transplant Treatments

## Identifying and definitional attributes

Metadata item type:

Data set specifications

DSS type:

Data element cluster

Table name:

**AnzdataABOiPostTxTreatments**

Historical table name:

'ABOi\_PostTransplant'

Registration status:

Active

Description:

This data cluster replaces some or all data elements in the historical table 'ABOi\_PostTransplant'. This data cluster records post-transplant data relating to patients who have been reported with ABO incompatible kidney transplant data during the survey.

## Source or reference attributes

Submitting Organisation:

ANZDATA Registry

## Metadata items in this Data Set Specifications

| Item | Metadata item     | Obligation  | Data Type | Reference | Variable Label               | Historical item                |
|------|-------------------|-------------|-----------|-----------|------------------------------|--------------------------------|
| 1    | PostTxTreatmentId | Mandatory   | Integer   | No        | Post-transplant treatment Id |                                |
| 2    | ABOiId            | Mandatory   | Integer   | Yes       | ABOi ID                      |                                |
| 3    | TreatmentDate     | Mandatory   | Date      | No        | Treatment date               | ABOi_PostTransplant.TreatDate  |
| 4    | TreatmentCode     | Mandatory   | Nvarchar  | Yes       | Type of treatment            | ABOi_PostTransplant.PtTreat    |
| 5    | TreatmentOther    | Conditional | Nvarchar  | No        | Other type of treatment      | ABOi_PostTransplant.PtTreatOth |
| 6    | Dose              | Conditional | Decimal   | No        | Dose per treatment           | ABOi_PostTransplant.PtDose     |
| 7    | IndicationCode    | Conditional | Nvarchar  | Yes       | Type of indication           | ABOi_PostTransplant.PtInd      |
| 8    | IndicationOther   | Conditional | Nvarchar  | No        | Other type of indication     | ABOi_PostTransplant.PtIndOth   |
| 9    | Comments          | Conditional | Ntext     | No        | Comments                     |                                |
| 10   | CreatedByUser     | Mandatory   | Nvarchar  | No        |                              |                                |
| 11   | CreatedDate       | Mandatory   | Datetime  | No        |                              |                                |
| 12   | ModifiedByUser    | Conditional | Nvarchar  | No        |                              |                                |
| 13   | ModifiedDate      | Conditional | Datetime  | No        |                              |                                |
| 14   | TherapyId         | Conditional | Integer   | Yes       |                              |                                |

## Relational attributes

*Related metadata references:*

AnzdataABOi  
CodeABOiTreatment  
CodeABOiIndication  
AnzdataTransplantTherapies

## Collection and usage attributes

*Guide for use:*

Data is collected in real time or at the end a survey period in relation to the patients receiving renal replacement therapy. Data historically was collected in addition to the survey on a separate form.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster is in addition to the some or all data elements in the historical tables 'ABOi\_PostTransplant' of the legacy 'ORACLE' database.