

ANZ
DATA



AUSTRALIA &
NEW ZEALAND
ORGAN DONATION
REGISTRY

Data Set Specification

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ANZDATA selection of metadata items. Created: 1 July 2016. Version 2021.3

VERSION HISTORY

Version No.	Release date	Remarks	Prepared by	Approved by
1.0	2016/07/01	Introducing the new data dictionary for the online ANZOD data entry module	M. Kandamby	Kylie Hurst
2.0	2019/12/10	Addition of new fields - <ul style="list-style-type: none">• AnzodRetrieval RetrievalDispositionCode, RetrievalDispositionOther	M. Kandamby	Kylie Hurst
3.0	2021/09/24	Correction of minor discrepancies against database output - <ul style="list-style-type: none">• Pg18 - Field descriptions 4,5,6 obligation changed to optional• Pg18 - Field descriptions 3,4 data type changed nvarchar(10)• Pg20 - Filed descriptions 4,5,6,11 obligation changed to optional• Pg30 - Field description 16 data type changed nvarchar(200)	M. Kandamby	Kelly Marshall

Australia and New Zealand Organ Donation (ANZOD) Registry Dataset

Identifying and definitional attributes

<i>Metadata item type:</i>	Data Set Specifications
<i>Registry Identifier:</i>	ANZOD
<i>DSS type:</i>	Data Set Specification (DSS)
<i>Scope:</i>	The Australia and New Zealand Organ Donation Registry has been in operation since its inception in 1989. The purpose of the Registry is to record and report on organ donations in Australia and New Zealand. Data related to organ donation and transplantation activity is essential in identifying opportunities for improving care of donors, informing on quality of transplant organs and transplant recipient outcomes.

Relational attributes

<i>Related Metadata references::</i>	See also Australia and New Zealand Dialysis & Transplant Registry (ANZDATA) Data Dictionary See also Australia and New Zealand Living Kidney Donor (ANZLKD) Data Dictionary
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Accountability attributes

<i>Organisation/s responsible for providing data:</i>	DonateLife Australia New Zealand
<i>Accountability:</i>	ANZOD

Collection and usage attributes

<i>Computation: description:</i>	Data entered into the ANZOD Registry are used to calculate and report monthly, the numbers of deceased organ donors and the number of recipients benefiting from donation. An annual report is also produced on health outcomes of donation and how Australia and New Zealand compares international outcomes in organ donation and transplantation.
<i>Comments:</i>	Australia – data collection for Australia began on 01.01.1989 Data collection for New Zealand began on 01.01.1993

Usage of attributes:

Reports on **Counting methodology**

Deceased donors	A person for whom the organ retrieval procedure commenced in the operating room (with surgical incision) for the purpose of transplantation. This includes donors who may have been deemed medically unsuitable during surgery or after the removal of organs.
Transplant recipients	The count of organ transplant recipients is the number of individuals into whom one or more solid organs is/are transplanted. This excludes those individuals who exclusively received a pancreas islets transplant.
Organ transplanted	Each organ is counted individually, regardless of the type of transplantation performed. In addition to pancreas islets counting as tissue and not solid organs, other changes to the counting methodology include: 1 Two lungs retrieved from a single donor and later transplanted, previously counted as 1 organ transplanted, now counts as 2; 2 One liver retrieved, split and transplanted into two recipients, previously counted as 2 organ transplanted, now counts as 1; and 3 Heart-lung (double) retrieved and transplanted as a block, previously counted
Organ transplantation procedures	In accordance with the definition above, a single lung transplantation procedure or a double lung transplantation procedure, each contributes a count of one. In addition, any simultaneous organ transplant with another organ type is counted as one transplant procedure. The total number of transplantation procedures (all combinations) is the sum of transplantation procedures by organ type, undertaken in a given time period. When reported as a total number of transplantation procedures (all combinations), a heart-lung transplantation procedure contributes a count of 2.

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ANZOD Donors

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodDonors
<i>Historical table name:</i>	<i>OrganDonor, Consent</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster contains data elements collected during the registration process for those donors who were consented for organ donation.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	DonorId	Mandatory	int	No	ANZOD Donor ID	OrganDonor.DonorId
2	EDRDonorId	Optional	nvarchar(10)	No	EDR Donor Id	
3	OtherDonorId	Optional	nvarchar(10)	No	Other Donor Id	
4	DonorTypeCode	Mandatory	nvarchar(10)	Yes	Donor type	OrganDonor.DonorStatus
5	FacilityCode	Mandatory	nvarchar(10)	Yes	Donor's facility	OrganDonor.DonHosp
6	StatusCode	Mandatory	nvarchar(10)	Yes	Record status	
7	DateOfBirth	Mandatory	date	No	Date of birth	OrganDonor.DatBirth
8	Postcode	Optional	int	No	Post code	OrganDonor.PostCode
9	GenderCode	Optional	nvarchar(10)	Yes	Gender	OrganDonor.Sex
10	Height	Optional	int	No	Height	OrganDonor.Height
11	Weight	Optional	int	No	Weight	OrganDonor.Weight
12	EthnicOriginCode	Optional	nvarchar(10)	Yes	Ethnicity origin code	OrganDonor.Race
13	EthnicOriginOther	Optional	nvarchar(100)	No	Ethnicity other	OrganDonor.RaceOth
14	ReligionCode	Optional	nvarchar(10)	Yes	Religion	OrganDonor.Religion
15	ReligionOther	Optional	int	No	Religion other	OrganDonor.RelgnOth

16	OccupationCode	Optional	nvarchar(10)	Yes	Occupation	OrganDonor.Occupation
17	OccupationOther	Optional	nvarchar(100)	No	Occupation other	OrganDonor.OccupOth
18	DeathCategoryCode	Optional	nvarchar(10)	Yes	Death factors	
19	PrimaryCauseCode	Optional	nvarchar(10)	Yes	Circumstances leading to death	OrganDonor.CausDeath
20	PrimaryCauseOther	Optional	nvarchar(100)	No	Circumstances leading to death other	OrganDonor.DeathOth
21	HeartBeatingCode	Optional	nvarchar(10)	Yes	Heart beating? (Y/N)	OrganDonor.HeartBeat
22	Comments	Optional	nvarchar(max)	No	Comments	OrganDonor.Comments
23	DiabetesCode	Optional	nvarchar(10)	Yes	Diabetes (Y/N)	Medical.Diabetes
24	HypertensionCode	Optional	nvarchar(10)	Yes	Hypertension (Y/N)	Medical.Hypertension
22	SmokingCode	Optional	nvarchar(10)	Yes	Smoking (Y/N)	Medical.Smoking
26	CancerHistoryCode	Optional	nvarchar(10)	Yes	Cancer history (Y/N)	Medical.Cancer
27	EnrolledDonorRegistryCode	Optional	nvarchar(10)	Yes	Donor registry enrolment	Consent.Enrolled
28	DriversLicenceCode	Optional	nvarchar(10)	Yes	Drivers licence	Consent.Driver
29	SoughtByCode	Optional	nvarchar(10)	Yes	Authority sought by	Consent.SoughtBy
30	SoughtByOther	Optional	nvarchar(50)	No	Authority sought by other	Consent.SoughtByOth
31	ContactWithFamilyCode	Optional	nvarchar(10)	Yes	Contacted with family	Consent.TxContact
32	CoronerCaseCode	Optional	nvarchar(10)	Yes	Coroner case (Y/N)	Consent.Coroner
33	AuthorityResearchCode	Optional	nvarchar(10)	Yes	Authority research (Y/N)	Consent.Research
34	CreatedByUser	Mandatory	nvarchar(25)	No	Created by user	
35	CreatedDate	Mandatory	datetime	No	Created date	
36	ModifiedByUser	Optional	nvarchar(25)	No	Modified by user	
37	ModifiedDate	Optional	datetime	No	Modified date	
38	DonorModifiedDate	Optional	datetime	No		
39	OrganOutcomeDetails	Optional	nvarchar(100)	No	Organ outcome comments	

Relational attributes

Related metadata references:

CodeAuthoritySoughtBy
CodeCauseOfDeath
CodeDeathCategory
CodeDiabetesType
CodeDonorCoordinatorContactFamily
CodeDonorStatus

CodeDonorType
CodeEnrolledWithOrganRegistry
CodeGender
CodeOccupation
CodeRacialEthnicOrigin
CodeReligion
CodeSmoking
CodeYesNo_AuthorityResearch
CodeYesNo_CoronerCase
CodeYesNo_HeartBeating
CodeYesNoNAUnknown_DriversLicence
CodeYesNoUnknown_CancerHistory
CodeYesNoUnknown_Hypertension
CommonCentres

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

25/5/2014

Comments:

This data cluster replaces the historical tables 'ORGANDONOR', 'MEDICAL', 'CONSENT' of the legacy 'ORACLE' database.

Fields added to the table from January 2008 -

Comments

Fields added to the table from January 2004

Research

Fields added to the table from January 1998 -

DonorStatus, Postcode, Enrolled, TxContact

Fields added to the table from January 2002 -

Cancer, Comments on 'Medical' table

Fields not collected from December 2001 -

Alcohol, DonorCard

Fields not collected from December 1997 -

Diastolic, Duration, Contact, Volunteered

Fields added to the table from January 1993 but not collected from December 1997 -

Contact

Fields only for internal use -

StatusCode, CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Authority

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>	AnzodAuthority
<i>Historical table/s:</i>	<i>Request</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster contains data elements relating to a donor's authority to donation.

Source or reference attributes

Submitting Organisation: ANZOD 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	AuthorityId	Mandatory	Integer	No	Authority ID	
2	DonorId	Mandatory	Integer	Yes	ANZOD donor ID	
3	OrganCode	Mandatory	Nvarchar(10)	Yes	Organ code	Request.OrganCode
4	OrganOther	Conditional	Nvarchar(50)	No	Organ other	Request.OrganOth
5	AuthoritySoughtCode	Optional	Nvarchar(10)	Yes	Authority sought	Request.Request
6	AuthoritySoughtNoCode	Optional	Nvarchar(10)	Yes	Authority not sought	Request.NoCode
7	AuthoritySoughtNoOther	Optional	Nvarchar(100)	No	Authority not sought other	Request.RequestOth
8	AuthorityObtainedCode	Optional	Nvarchar(10)	Yes	Authority obtained (Y/N)	Request.Obtained
9	CreatedByUser	Optional	Nvarchar(25)	No	Created user	
10	CreatedDate	Optional	Datetime	No	Created date	
11	ModifiedByUser	Conditional	Nvarchar(25)	No	Modified user	
12	ModifiedDate	Conditional	Datetime	No	Modified date	

Relational attributes

Related metadata references: AnzodDonors
CodeAuthoritySoughtFor

CodeOrganTissueAuth
CodeYesNo_AuthorityObtained
CodeYesNo_AuthoritySought

Collection and usage attributes

Guide for use:

Data is collected at commencement of organ donation and recorded at the end of each month.

Implementation start date

01/03/2014

Comments:

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

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Donation Events

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodDonationEvents
<i>Historical table/s:</i>	<i>InjuryLab , Maintenance</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.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	DonationEventId	Mandatory	int	No	Event Id	
2	DonorId	Mandatory	int	Yes	ANZOD Donor Id	
3	CPRCode	Optional	nvarchar(10)	Yes	CPR code	InjuryLab.Resus
4	AdmissionDate	Optional	datetime	No	Admission date	InjuryLab.AdmissDate + InjuryLab.AdmissTime
5	VentilationDate	Optional	datetime	No	Ventilation date	InjuryLab.VentDate + InjuryLab.VentTime
6	AuthorisationDate	Optional	datetime	No	Authorisation date	
7	WCRSDate	Optional	datetime	No	WCRS date	InjuryLab.WithdrawDate + InjuryLab.WithdrawTime
8	SBPDate	Optional	datetime	No	SBP date	InjuryLab.SBPDate + InjuryLab.SBPTime
9	Sa02Date	Optional	datetime	No	Sa02 date	InjuryLab.OxygenDate + InjuryLab.OxygenTime
10	BrainDeathDate	Optional	datetime	No	Brain death date	InjuryLab.BrainDthDate + InjuryLab.BrainDthTime (if heartBeating='Y')
11	IncisionDate	Optional	datetime	No	Incision date	
12	DCDDate	Optional	datetime	No	DCD date	InjuryLab.BrainDthDate + InjuryLab.BrainDthTime (if HeartBeating='Y')
13	CrossClampDate	Optional	datetime	No	Cross clamp date	InjuryLab.XClampDate + InjuryLab.XClampTime

14	AbdominalColdPerfusionDate	Optional	datetime	No	Abdominal cold perfusion date	InjuryLab.XClampDate + InjuryLab.XClampTime
15	ThoracicColdPerfusionDate	Optional	datetime	No	Thoracic cold perfusion date	InjuryLab.XClampDate + InjuryLab.XClampTime
16	InjuryDate	Optional	datetime	No	Injury date	InjuryLab.InjuryDate + InjuryLab.InjuryTime
17	BloodGroupCode	Optional	nvarchar(10)	Yes	Blood group code	InjuryLab.BloodGp
18	HLA1Code	Optional	nvarchar(10)	Yes	HLA A1 code	InjuryLab.A1
19	HLA2Code	Optional	nvarchar(10)	Yes	HLAA2 code	InjuryLab.A2
20	HLAB1Code	Optional	nvarchar(10)	Yes	HLAB1 code	InjuryLab.B1
21	HLAB2Code	Optional	nvarchar(10)	Yes	HLAB2 code	InjuryLab.B2
22	HlaDR1Code	Optional	nvarchar(10)	Yes	HLADR1 code	InjuryLab.DR1
23	HLADR2Code	Optional	nvarchar(10)	Yes	HLA DR2 code	InjuryLab.DR2
24	HLADQ1	Optional	int	No	HLA DQ1	InjuryLab.DQ1
25	HLADQ2	Optional	int	No	HLADQ2	InjuryLab.DQ2
26	CreatedByUser	Mandatory	nvarchar(25)	No	Created user	
27	CreatedDate	Mandatory	datetime	No	Created date	
28	ModifiedByUser	Optional	nvarchar(25)	No	Modified user	
29	ModifiedDate	Optional	datetime	No	Modified date	
30	MeanBloodPressureCode	Optional	nvarchar(10)	Yes	Mean blood pressure	Maintenance.Map
31	MeanBloodPressureDuration	Optional	int	No	Mean blood pressure duration	Maintenance.HoursMap
32	BloodPressureDiastolicMaxDose	Optional	int	No	Bp diastolic max dose	Maintenance.BPDiaMax
33	BloodPressureDiastolicTerminalDose	Optional	int	No	Blood pressure diastolic terminal dose	Maintenance.BPDiaTerm
34	BloodPressureSystolicMaxDose	Optional	int	No	Blood pressure	Maintenance.BPSysMax
35	BloodPressureSystolicTerminalDose	Optional	int	No	BP systolic	Maintenance.BPSysTerm
36	CentralVenousPressureMaxDose	Optional	int	No	Central Venous pressure max dose	Maintenance.CvpMax
37	CentralVenousPressureTerminalDose	Optional	int	No	Central Venous pressure terminal dose	Maintenance.CvpTerm
38	CessationCirculationDate	Optional	datetime	No	Cessation circulation date	
39	LungColdPerfusionDate	Optional	datetime	No	Lung cold perfusion date	

40 HeartColdPerfusionDate Optional datetime No Cold perfusion date

Relational attributes

Related metadata references:

AnzodDonors
CodeBloodGroup
CodeHlaATyping
CodeHlaBTyping
CodeHlaBTyping
CodeHlaDRTyping
CodeYesNo
CodeYesNoUnknown

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

01/03/2014

Comments:

This data cluster replaces some or all data elements in the historical table 'InjuryLab' and 'Maintenance' of the legacy 'ORACLE' database.

Fields added to the table from January 2010 -

SBPDate, SBPTime, OxygenDate, OxygenTime

Fields added to the table from January 2008 -

WithdrawDate, Withdrawtime, InsInfusion, T3Protocol

Fields not collected from 2008 -

Dobut, Aram

Fields added to the table from January 2002

Map, HoursMap

Fields added to the table from January 1993 -

Resus, VentDate

Fields added to the table from January 1993 and not collected after 1997, but remains in the database -

MeanBloodPressureCode, BloodPressureDiastolicTerminalDose, BloodPressureSystolicMaxDose, CentralVenousPressureMaxDose

CentralVenousPressureTerminalDose, BloodPressureSystolicTerminalDose

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Donor Maintenance

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodDonorMaintenance
<i>Historical table name:</i>	<i>Maintenance, Terminal</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster replaces some or all data elements in the historical tables 'Maintenance' and 'Terminal'. This data cluster records the key events and terminal treatments which are given in the operating theatre at the time of organ retrieval.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	DonorMaintenanceId	Mandatory	Integer		Donor maintenance ID	
2	DonorId	Mandatory	Integer	Yes	ANZDATA donor ID	
3	MaintenanceType	Mandatory	Nvarchar(15)		Maintenance type	
4	DrugCode	Mandatory	Nvarchar(10)		Drug code	Based on CodeAnzodDrugs
5	DrugOther	Optional	Nvarchar(50)	Yes	Drug other description	Maintenance.Oth1, Maintenance.Oth2, Maintenance.Oth3, Terminal.Oth1, Terminal.Oth2
6	AntibioticCode	Optional	Nvarchar(10)		Antibiotic code	
7	YesNoCode	Mandatory	Nvarchar(10)	Yes	Yes/No code	
8	MaxDose	Optional	Numeric(7,2)		Maximum dose given	Maintenance.DopaMax, Maintenance.AdrenMax, Maintenance.NoradrenMax, Maintenance.DDAVPMMax, Terminal.HeparinDose,

						Terminal.MethPredDose, Terminal.ChlorPromDose, Terminal.ProstaDose Maintenance.AramMax, Maintenance.DobutMax, Maintenance.PitressMax Maintenance.Oth1Max, Maintenance.Oth2Max, Maintenance.Oth3Max, Terminal.Oth1Dose, Terminal.Oth2Dose
9	TerminalDose	Optional	Numeric(5,2)	No	Terminal dose given	Maintenance.DopaTerm, Maintenance.AdrenTerm, Maintenance.NoradrenTerm, Maintenance.DDAVPTerm, Maintenance.AramTerm, Maintenance.DobutTerm, Maintenance.PitressTerm, Maintenance.Oth1Term, Maintenance.Oth2Term, Maintenance.Oth3Term
10	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	
11	CreatedDate	Mandatory	Datetime	No	Created date	
12	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	
13	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

Related metadata references: AnzodDonors
CodeAntibiotics
CodeAnzodDrugs
CodeYesNo

Collection and usage attributes

Guide for use: Data is collected in real-time or at the end of each month
Implementation start date **01/03/2014**

Comments:

This data cluster replaces some or all data elements in the historical tables 'Maintenance' and 'Terminal' of the legacy 'ORACLE' database

Fields added to the database from January 2008 -

Antibiotics

Fields not collected from January 2008 -

Mannitol

Fields added to the table from January 1993 -

Prosta

Fields not collected from December 1997 -

ProstaDose

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Kidneys

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodKidneys
<i>Historical table name/s:</i>	<i>Kidney</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's kidney information.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	KidneyId	Mandatory	Integer		Centre history ID	
2	DonorId	Mandatory	Integer	Yes	ANZOD donor ID	
3	KidneyDonorCode	Mandatory	Nvarchar(10)	Yes	Kidney donor Y/N	Kidney.Donor
4	BiopsyCode	Optional	Nvarchar(10)	Yes	Biopsy code Y/N	Kidney.Biopsy
5	CreatinineAdmission	Optional	Integer	No	Creatinine at admission	Kidney.CreatAd
6	CreatinineTerminal	Optional	Integer	No	Creatinine at terminal	Kidney.CreatTerm
7	UreaAdmission	Conditional	Decimal(5,2)	No	Urea at admission	Kidney.UreaAd
8	UreaTerminal	Conditional	Decimal(5,2)	No	Urea at terminal	Kidney.UreaTerm
9	UrineOutput	Optional	Integer	No	Urine output	Kidney.UreaTerm
10	OliguriaCode	Optional	Nvarchar(10)	Yes	Oliguria code	Kidney.Oliguria
11	OliguriaDuration	Mandatory	Decimal(5,2)	No	Oliguria duration	Kidney.HoursOlig
12	CreatedByUser	Mandatory	Nvarchar(10)	No	Created user	
13	CreatedDate	Mandatory	Datetime	No	Created date	
14	ModifiedByUser	Optional	Nvarchar(10)	No	Modified user	
15	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

Related metadata references: AnzodDonors
CodeYesNo

Collection and usage attributes

Guide for use: Data is collected in real-time or at the end of each month.

Implementation start date **01/03/2014**

Comments: This data cluster replaces the historical table 'Kidney' of the legacy 'ORACLE' database.

Fields added to the table from January 2000 -

Biopsy

Fields added to the table from January 1993 -

UrineAd, HoursHypo, HoursOlig

Fields not collected from January 2002 -

Hypoten, HoursHypo

Fields not collected after December 1997 -

UrineAd

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Livers

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodLivers
<i>Historical table name/s:</i>	<i>Liver</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's liver information.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	LiverId	Mandatory	Integer		Centre history ID	
2	DonorId	Mandatory	Integer	Yes	ANZOD donor ID	
3	LiverDonorCode	Mandatory	Nvarchar(10)	Yes	Liver donor Y/N	Liver.Donor
4	BiopsyCode	Optional	Nvarchar(10)	Yes	Biopsy code Y/N	Kidney.Biopsy
5	ALT	Optional	Integer	No	ALT value	Liver.ALTValue
6	AST	Optional	Integer	No	AST value	Liver.ASTValue
7	GGT	Conditional	Integer	No	GGT value	Liver.GGTValue
8	ALP	Conditional	Integer	No	Alkine value	Liver.AlkValue
9	TotalBilirubin	Optional	Integer	No	Bilirubin value	Liver.BILValue
10	ProteinCode	Optional	Nvarchar(10)	Yes	Protein value	Liver.Proteinn
11	AlbuminCode	Optional	Nvarchar(10)	No	Albumin value	KiLiver.Albuminn
12	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	
13	CreatedDate	Mandatory	Datetime	No	Created date	
14	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	
15	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

Related metadata references: AnzodDonors
CodeYesNo

Collection and usage attributes

Guide for use: Data is collected in real-time or at the end of each month.

Implementation start date **01/03/2014**

Comments: This data cluster replaces the historical table 'Liver' of the legacy 'ORACLE' database.

Fields not collected since December 1992, but remain on the database -
ProtienN and AlbuminN.

Fields added to table from January 1993 -

ALTValue, ASTValue, GGTValue, ALKValue, BILValue

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Hearts

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodHearts
<i>Historical table name/s:</i>	<i>Heart</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's heart information.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	HeartId	Mandatory	Integer		Heart Id	
2	DonorId	Mandatory	Integer	Yes		
3	HeartDonorCode	Mandatory	Nvarchar(10)	Yes	Heart donor Y/N	Heart.Donor
4	ECGCode	Optional	Nvarchar(10)	Yes	ECG code	Heart.ECGN
5	EchocardiogramCode	Optional	Nvarchar(10)	Yes	Ecocardiogram code	Heart.EchoNormal
6	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	
7	CreatedDate	Mandatory	Datetime	No	Created date	
8	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	
9	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

<i>Related metadata references:</i>	AnzodDonors CodeYesNo
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Collection and usage attributes

<i>Guide for use:</i>	Data is collected in real-time or at the end of each month.
<i>Implementation start date</i>	01/03/2014

Comments:

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

Fields added to the table from December 1997 but not collected after December 1997 -
'BpSystemM' and 'XrayN'

Fields not collected after December 2001 -
'BpSysMax'

Fields added to the table from January 2002 but not collected from December 2009 -
'Echo'

Fields added to the table from January 2010 -
'EchoNormal'

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Lungs

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodLungs
<i>Historical table name/s:</i>	<i>Lung</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's lung information.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	LungId	Mandatory	Integer		Lung Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	LungDonorCode	Mandatory	Nvarchar(10)	Yes	Heart donor Y/N	Lung.Donor
4	BronchoscopyCode	Optional	Nvarchar(10)	Yes	Bronchoscopy code	Lung.Bronch
5	pH	Optional	Decimal(5,2)	No	pH value	Lung.PHvalue
6	PaO2	Optional	Integer	No	PaO2 value	Lung.PAValue
7	PaCO2	Optional	Decimal(5,2)	No	PaCO2 value	Lung.PACValue
8	PEEP	Optional	Integer	No	PEEP	Lung.Peep
9	FiO2	Optional	Integer	No	Oxygen value	Lung.Oxygen
10	ChestTraumaCode	Optional	Nvarchar(10)	Yes	Chest code	Lung.Chest
11	ChestTraumaYesCode	Optional	Nvarchar(10)	Yes	Trauma code	Lung.Trauma
12	ChestTraumaOther	Optional	Nvarchar(50)	No	Trauma other	Lung.Trauma
13	CreatedByUser	Mandatory	Nvarchar(25)	No		
14	CreatedDate	Mandatory	Datetime	No		
15	ModifiedByUser	Optional	Nvarchar(25)	No		
16	ModifiedDate	Optional	Datetime	No		

Relational attributes

Related metadata references:

AnzodDonors
CodeChestTrauma
CodeYesNo

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

01/03/2014

Comments:

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

Fields not collected after December 1992 –

BaseExn, BiCarbN, LungEcgN, LungXrayN, Pao2N, PaCo2N, PCTo2N, PHN

Fields not collected after December 1997 –

Base+, BiCarb+

Fields added to table from January 1993 –

Base+, BiCarb+, Phvalue, PaValue, PacValue, Peep

Fields added to table from January 1998 –

Chest, Trauma, TraumaOth

Fields added to table from January 2002 –

Bronch

Fields added to table from January 2008 –

Oxygen

Fields only for internal use –

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Pancreas

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodPancreas
<i>Historical table name/s:</i>	<i>Pancreas</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's pancreas details.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	PancreasId	Mandatory	Integer		Pancreas Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	PancreasDonorCode	Mandatory	Nvarchar(10)	Yes	Pancreas donor Y/N	Pancreas.Donor
4	MaxBloodSugarCode	Optional	Nvarchar(10)	Yes	Max blood sugar code	Pancreas.Bsln
5	AmylaseOrLipaseCode	Optional	Nvarchar(10)	Yes	Amylase or Lipase normal?	Pancreas.Amylasen
6	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	
7	CreatedDate	Mandatory	Datetime	No	Created date	
8	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	
9	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

<i>Related metadata references:</i>	AnzodDonors CodeYesNo
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Collection and usage attributes

<i>Guide for use:</i>	Data is collected in real-time or at the end of each month.
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Implementation start date

01/03/2014

Comments:

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

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Donor Serologies

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodDonorSerologies
<i>Historical table name/s:</i>	<i>InjuryLab</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's pancreas details.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	DonorSerologyId	Mandatory	Integer		Serology Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	SerologyCode	Mandatory	Nvarchar(10)	Yes	Serology code	
4	SerologyOther	Optional	Nvarchar(50)	No	Serology other	InjuryLab.VIRDescript
5	TestResultCode	Mandatory	Nvarchar(10)	Yes	Test result code	InjuryLab.HBVCore, InjuryLab.HCV, InjuryLab.HIV, InjuryLab.HBV, InjuryLab.CMV, InjuryLab.VIROth, InjuryLab.EBV, InjuryLab.HIVNat, InjuryLab.HBVNat, InjuryLab.HCVNat, InjuryLab.VirOth
6	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	
7	CreatedDate	Mandatory	Datetime	No	Created date	
8	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	

9 ModifiedDate Optional Datetime No Modified date

Relational attributes

Related metadata references: AnzodDonors
CodeYesNo

Collection and usage attributes

Guide for use: Data is collected in real-time or at the end of each month.

Implementation start date **01/03/2014**

Comments: This data cluster replaces the historical table 'InjuryLab' of the legacy 'ORACLE' database.

Fields added to the table from January 2010 -

HBVNat

Fields added to the table from January 2008 -

HIV, HIVNat

Fields added to the table from January 2005 -

HCVNat

Fields added to the table from January 1998 -

HBVCore, EBV, VirOth, VirDescript

Fields added to table from January 1993 -

HBV, HCV

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Retrieval

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodRetrieval
<i>Historical table name/s:</i>	<i>Retrieved</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the donor's organ retrieval details.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	RetrievalId	Mandatory	Integer		Retrieval Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	OrganCode	Mandatory	Nvarchar(10)	Yes	Organ code	Retrieved.OrganCode
4	OrganOther	Optional	Nvarchar(50)	No	Organ other description	
5	RetrievedCode	Optional	Nvarchar(10)	Yes	Retrieved? Y/N	Retrieved.Retrieved
6	RetrievedNoCode	Optional	Nvarchar(10)	Yes	Organ not retrieved reason	Retrieved.NoCode
7	RetrievedNoOther	Optional	Nvarchar(50)	No	Organ not retrieved reason other	Retrieved.RetrievedOth
8	PreservationInitialCode	Optional	Nvarchar(10)	Yes	Preservation initial solution	Retrieved.InitPres
9	PreservationInitialOther	Optional	Nvarchar(50)	No	Preservation other	Retrieved.InitOth
10	PreservationSecondCode	Optional	Nvarchar(10)	Yes	Preservation second solution	Retrieved.InitPres2
11	PreservationSecondOther	Optional	Nvarchar(50)	No	Preservation second other solution	Retrieved.InitOth2
12	StorageCode	Optional	Nvarchar(10)	Yes	Storage code	Retrieved.InitPres3
13	StorageOther	Optional	Nvarchar(50)	No	Storage other	Retrieved.InitOth3
14	RetrievalFacilityCode	Optional	Nvarchar(10)	Yes	Retrieved facility	Retrieved.TeamHosp
15	RetrievalDispositionCode	Optional	integer	Yes	Retrieval Disposition Code	
16	RetrievalDispositionOther	Conditional	Nvarchar(200)	No	Retrieval Disposition Other	
17	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	

18	CreatedDate	Mandatory	Datetime	No	Created date
19	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user
20	ModifiedDate	Optional	Datetime	No	Modified date

Relational attributes

Related metadata references:

AnzodDonors
CodeOrganNotRetrievedReason
CodeOrganRetrievedPreservation
CodeOrganRetrievedPreservation
CodeOrganTissueRetr
CodeYesNo
CommonCentres

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

01/03/2014

Comments:

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

Fields added to the table from January 1993 -

InitPres3, InitOth3

Fields added to the table from 2020 -

RetrievalDispositionCode, RetrievalDispositionOther

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Destination

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodDestination
<i>Historical table name/s:</i>	<i>Destination</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the transplant outcome details.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	DestinationId	Mandatory	Integer		Desitination Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	OrganCode	Mandatory	Nvarchar(10)	Yes	Organ code	Destination.OrganCode
4	OrganOther	Optional	Nvarchar(50)	No	Organ other description	Destination.OrganOth
5	FacilityCode	Optional	Nvarchar(10)	Yes	Operation facility	Destination.DestHosp
6	OutcomeCode	Optional	Nvarchar(10)	Yes	Organ outcome	Destination.Outcome
7	OutcomeOther	Optional	Nvarchar(100)	No	Organ outcome other	
8	RecipientSurname	Optional	Nvarchar(50)	No	Recipient surname	Destination.RecipSurname
9	RecipientGivenName	Optional	Nvarchar(50)	No	Recipient given name	Destination.RecipGivname
10	RecipientAnzdataId	Optional	Integer	Yes	Preservation second solution	Destination.RegNo
11	OperationDate	Optional	Date	No	Preservation second other solution	Destination.OperDate
12	CreatedByUser	Optional	Nvarchar(25)	No	Created user	
13	CreatedDate	Optional	Datetime	No	Created date	
14	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	
15	ModifiedDate	Optional	Datetime	No	Modified date	

Relational attributes

Related metadata references:

AnzodDonors
AnzdataPatients
CodeOrganDestinationOutcome
CodeOrganTissueRetr
CodeOrganTissueDest
CommonCentres

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

01/03/2014

Comments:

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

Fields only for internal use -

RecipientSurname, RecipientGivenName, CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Multi Organ Recipients

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodMultiOrganRecipients
<i>Historical table name/s:</i>	-
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster records the multi organ transplant details.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry
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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	MultiOrganRecipientId	Mandatory	Integer		Multi organ recipient Id	-
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	-
3	DestinationId	Mandatory	Integer	Yes	Destination Id	-
4	PrimaryOrganCode	Mandatory	Nvarchar(10)	Yes	Primary organ	-
5	MultiOrganCode	Mandatory	Nvarchar(10)	Yes	Multi organ	-
6	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	-
7	CreatedDate	Mandatory	datetime	No	Created date	-
8	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user	-
9	ModifiedDate	Optional	datetime	No	Modified date	-

Relational attributes

<i>Related metadata references:</i>	AnzodDonors
	AnzdataPatients
	CodeOrganDestinationOutcome
	CodeOrganTissueRetr

CodeOrganTissueDest
CommonCentres

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

01/03/2014

Comments:

This data cluster is introduced in the new database from May 2016.

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate

ANZOD Cancer History

Identifying and definitional attributes

<i>Metadata item type:</i>	Data set specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	AnzodCancerHistory
<i>Historical table name/s:</i>	<i>DonorCancer</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	This data cluster records the cancer details of the organ donors.

Source or reference attributes

<i>Submitting Organisation:</i>	ANZOD Registry World Health Organisation (WHO), Centre of Disease Control and Prevention, ICD-10 Codes
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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	CancerHistoryId	Mandatory	Integer		Cancer history Id	
2	DonorId	Mandatory	Integer	Yes	Anzod donor Id	
3	SiteOfCancerText	Optional	Nvarchar(255)	No	Cancer text	
4	SiteOfCancerCategoryCode	Optional	Nvarchar(10)	Yes	Cancer category code	
5	SiteOfCancerCode	Optional	Integer	Yes	Cancer site	DonorCancer.PrimSite
6	HistologyCode	Mandatory	Nvarchar(10)	Yes	Cancer histology code	DonorCancer.CaType
7	HistologyOther	Optional	Nvarchar(100)	No	Cancer histology other	DonorCancer.TypeDesCr
8	DiagnosisDate	Mandatory	Date	No	Diagnosis date	DonorCancer.CaDate
9	Treatment1Code	Mandatory	Nvarchar(10)	Yes	Treatment 1	DonorCancer.Rx1
10	Treatment1Other	Optional	Nvarchar(50)	No	Treatment 1 other	DonorCancer.Othr
11	Treatment2Code	Optional	Nvarchar(10)	Yes	Treatment 2	DonorCancer.Rx2
12	Treatment2Other	Optional	Nvarchar(50)	No	Treatment 2 other	
13	Treatment3Code	Optional	Nvarchar(10)	Yes	Treatment 3	DonorCancer.Rx3
14	Treatment3Other	Optional	Nvarchar(50)	No	Treatment 3 other	
15	Comments	Optional	Nvarchar(Max)	No	Cancer comments	
16	CreatedByUser	Mandatory	Nvarchar(25)	No	Created user	

17	CreatedDate	Mandatory	datetime	No	Created date
18	ModifiedByUser	Optional	Nvarchar(25)	No	Modified user
19	ModifiedDate	Optional	Datetime	No	Modified date

Relational attributes

Related metadata references:

AnzodDonors
CodeCancerHistology
CodeCancerTreatmentType
CodeSiteOfCancer
CodeSiteOfCancerCategory

Collection and usage attributes

Guide for use:

Data is collected in real-time or at the end of each month.

Implementation start date

01/03/2014

Comments:

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

Table created from January 2002

Fields only for internal use -

CreatedByUser, CreatedDate, ModifiedByUser, ModifiedDate