

SERUM CREATININE COLLECTION AT TIME OF REJECTION FOR TRANSPLANT PATIENTS

Executive Summary

An additional collection of serum creatinine at the time of a rejection episode for all transplant patients will be introduced for the 2025 survey.

The ANZDATA Advisory Committee and Transplant Working Group agreed to this new data collection element to be implemented within the Online Electronic Data Collection tool (<https://services.anzdata.org.au>) and the A3 Survey Paper Form from Survey 76 - 2025.

Background

Serum creatinine is the single most important measure of kidney transplant function routinely measured in all transplant recipients. Historically serum creatinine has not been collected at the time of a reported rejection and this makes it very difficult to assess the outcome of the diagnosis and treatment of rejection on outcomes.

Data Element

The data element will be a serum creatinine result (peak or closest to diagnosis) of the rejection episode. It will be collected for all transplant patients when a rejection episode is reported.

Collection of Data Element

Data is reported in real-time, or at the end of a survey period if previously not reported.

Submissions can be made through the usual data collection methods (Paper form, Online data entry, File import or API).

The online entry for this data is located inside the patient record (Figure 1A) within the 'Transplant' screen (Figure 1B). Then within the 'Rejection Episodes' tab (Figure 1C). Please turn over the page for examples of the online data entry system.

Paper submissions can be made via the A3 form. This will be available on the website. A copy can also be requested from the general enquiries email anzdata@anzdata.org.au

For File import and API data submissions, the required date format is **DD/MM/YYYY**. Detailed technical specifications can be located from the ANZDATA Registry website: <https://services.anzdata.org.au/webservices>

Figure 1A – Patient Record

Home ANZDATA Living Kidney ANZOD Trials RET Reports Administration

Patient Details Transfers Treatments Dialysis **Transplants** Registry Trials More

Patient Details

Registry Number: 1027298
 Opted Out?: No
 Initial Renal Unit: RBSH - ROYAL BRISBANE AND WOMEN'S HOSPITAL (QLD)
 Initial Facility: RBSH - ROYAL BRISBANE AND WOMEN'S HOSPITAL (QLD)
 Current Renal Unit: QKTS - QUEENSLAND KIDNEY TRANSPLANT SERVICE (QLD)
 Current Facility: QKTS - QUEENSLAND KIDNEY TRANSPLANT SERVICE (QLD)

Surname: DOE
 Given Name: JANE
 Date of Birth: 09/09/1990
 Gender: F - Female

Physician: [Dropdown]
 LKD Number: [Dropdown]
 Initial Renal Unit Medical Record Number (MRN): 1234567
 Initial Facility Medical Record Number (MRN): 1234567
 Current Renal Unit Medical Record Number (MRN): [Input]
 Current Facility Medical Record Number (MRN): [Input]

At Entry
 Late Referral: N - No
 Creatinine At Entry: 439
 Height: 170.0 cms

Figure 1B – Transplant Screen

Home ANZDATA Living Kidney ANZOD Trials RET Reports Administration

Patient Details Transfers Treatments Dialysis **Transplants** Registry Trials More

Transplants

Patient: Jane Doe
 Date of Birth: 09/09/1990
 Renal Unit: QKTS
 Current Treatment: G - Transplant in AUST/NZ
 Facility: QKTS
 MRN: [Input]
 Registry Number: 1027298
 Physician: [Input]

Graft Number	Date of this Transplant	Referring Facility	Donor Facility	Transplant Facility	Recipient Antibody Status at Graft		Donor Details			Total Ischaemia	Immediate Function	Acute Rejections	ABOi	CTS
					CMV	EBV	Source	Age	Sex					
1	15/12/2024	RBSH		QKTS			100					0	No	CTS

Add Cancel

Figure 1C – Rejection Episode

Edit Graft

Patient: Jane Doe
 Date of Birth: 09/09/1990
 Renal Unit: QKTS
 Current Treatment: G - Transplant in AUST/NZ
 Facility: QKTS
 MRN: [Input]
 Registry Number: 1027298
 Physician: [Input]

Current Graft Surgical Data Transplant Therapies Tx Follow-Up **Rejection Episodes**

Graft Number: 1
 Donor Source: 100
 Date of this Transplant: 15/12/2024
 Cause of Graft Failure: [Input]
 Referring Facility: RBSH
 Graft Failure Date: [Input]
 Transplant Facility: QKTS
 No. of Rejection Episodes: 0

Rejection Episodes

Rejection Date	Was a Biopsy Performed	Primary Treatment 1	Primary Treatment 2	Primary Treatment 3	Response to Treatment
No Results Found					

Items per page: 10 No items to display

Add Rejection Episode

Rejection Date: [Input] Was a Biopsy Performed?: [Dropdown]

Serum Creatinine at biopsy (or date of diagnosis if no biopsy performed): [Input] $\mu\text{mol/L}$