

## ANNUAL SERUM CREATININE COLLECTION FOR TRANSPLANT PATIENTS

### Executive Summary

An additional collection of a yearly serum creatinine 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. The serum creatinine for the transplant cohort in ANZDATA has been collected historically but only at time of other anniversary data collection, which is at varying intervals (some 5 years apart). The large number of missing years leaves substantial gaps in patient data and removes the ability to accurately map the trajectory of change in kidney function in our transplant population. This is becoming increasingly important with the longer duration of graft survival over time. Addition of an annual anniversary serum creatinine measure will provide the ability to examine the impact of changes in therapies, development of disease in graft and development and treatment of rejection on graft function more precisely.

### Data Element

The data element will be the serum creatinine result obtained closest to the annual transplant anniversary date. This value will be collected for all transplant patients with a functioning graft at time of anniversary.

### 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).

For online entry, the relevant field is located inside the patient record (Figure 1A) within the 'Transplant' screen (Figure 1B). Then within the 'TX Follow Up' 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](mailto: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

Figure 1B - Transplant

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	15/12/2021	RBSH		QKTS			100					0	No	CTS

Figure 1C - TX Follow Up

1 Mth (2022)	2 Mth (2022)	3 Mth (2022)	6 Mth (2022)	1 Yr (2022)	2 Yr (2023)	3 Yr (2024)	4 Yr (2025)

  

Total Initial Oral Dose (2021)	1 Mth (2022)	2 Mth (2022)	3 Mth (2022)	6 Mth (2022)	1 Yr (2022)	2 Yr (2023)	3 Yr (2024)
No Total Daily Drug Dose record							
Body Weight (kg) (e.g. 1.0)	65	65	64.5	64	63.5		