



What's New in ANZDATA Collection

SURGICAL DETAILS (FORM - SU) Transplant Anastomosis

Executive Summary

ANZDATA Registry Transplant Working Group and the TSANZ Transplant Surgical Standing Committee agreed to the new data collection element and this was implemented within the Online Electronic Data Collection tool (<https://services.anzdata.org.au>)

Refer to the Registries Data Set Specification Document for more information.

Data Element

Anastomosis time is defined as the time between ending the cooling period (kidney out of ice) and surgical connection (anastomosis) of the donor kidney, prior to perfusion. The time is to be reported in minutes).

The data is collected for new transplants performed from September 2019 ongoing. Collection is expected to be close to the time of transplant or post operatively and can be reported in real-time by form or electronic data entry to the online system

Collection of Data Element

Figures herewith illustrate where the variable is located on the paper form and online system screen.

Figure 1 – Screen View

The screenshot shows a web interface with tabs: Current Graft, Surgical Data (selected), Transplant Therapies, Daily Drug Dose, and Rejection Episodes. Below the tabs is a section titled "Add Surgical Data". It contains the following fields:

- Anastomosis Site * with radio buttons for L - Left and R - Right.
- Arterial: a dropdown menu.
- Venous: a dropdown menu.
- Cava Extension: a dropdown menu.
- Aortic Patch: a dropdown menu.
- Anastomosis Time: a text input field followed by "mins".

At the bottom of the form are three buttons: Save, Cancel, and Add.

Figure 2 – Form View

The form is titled "ANZDATA Registry Surgical Details Form (Transplant Anastomosis)" and is labeled "Form SU". It includes the following sections:

- Header:** ANZDATA Registry logo and "Form SU".
- Instructions:** "Please complete this form as close to the time of the kidney transplant or post operatively. Send data to the ANZDATA Registry by fax +61 8 8128 4769 or scan and email to anzdata@anzdata.org.au".
- Form Fields:**
 - ANZDATA Patient ID, Graft No., DATE OF TRANSPLANT, SURGEON (each in a separate box).
 - Patient Surname
 - Patient Given Name (with note: "Affix Patient label here")
 - Facility MRN
 - Transplant Facility
- Surgical Details (Please tick a box per line):**
 - Anastomosis Site: Left (L) and Right (R) columns with checkboxes.
 - Arterial: CIA, EIA, IIA, Aorta, Other (specify) with checkboxes.
 - Venous: EIV, Other (specify) with checkboxes.
 - Cava Extension: Yes, No with checkboxes.
 - Aortic Patch: Yes, No with checkboxes.
 - Anastomosis Time: (min) with a text input field. Definition: "Anastomosis time is defined as the time between ending the cooling period (kidney out of ice) and surgical connection (anastomosis) of the donor kidney, prior to perfusion. The time is reported in minutes."
- Assessment codes:**
 - Arterial Codes:** 1=Common Iliac Artery (CIA), 2=External Iliac Artery (EIA), 3=Internal Iliac Artery (IIA), 4=Aorta, 99=Other (Specify)
 - Venous Codes:** 1=External Iliac Vein (EIV), 99=Other (Specify)