ASTRO

Australasian Stem Cell Transplant Registry
Online Database

User Guide

Table of Contents

ANZTCT REGISTRY 1

Table of Contents 2

Application Structure 4

ACCESSING THE DATABASE 5

1. Logging on 6

2. Changing your password 6

3. Logging off 7

USING THE DATABASE 8

1. Navigation 8

1.1 Navigation by modules 8

1.2 Navigation within a transplant 9

2. ACCESSING THE FORMS 10

2.1 Forms available within a transplant 10

3. TO REGISTER A NEW TRANSPLANT 10

3.1 Creating a transplant for a new patient (never transplanted before) 10

3.2 Adding a transplant for an existing patient 12

3.3 Adding a transplant to a patient previously transplanted at another centre 13

4. TRANSPLANT DETAILS 14

4.1 Patient details 14

4.2 Transplant Section 14

4.3 Disease Classification 15

4.3.1 Disease Status at transplant 17

4.4 Preparative Regimen 17

4.5 Allogeneic transplant 18

4.6 Multiple donors 19

5. FOLLOW UP FORMS 20

5.1 100 DAY INCLUDING ENGRAFTMENT 20

5.1.1 Engraftment Details 20

5.1.2 Disease assessment 20

5.1.3 Acute post-transplant toxicities 21

5.1.4 Acute graft versus host disease 21

5.1.5 Donor cellular infusion 21

5.2 ANNUAL FOLLOW UP 22

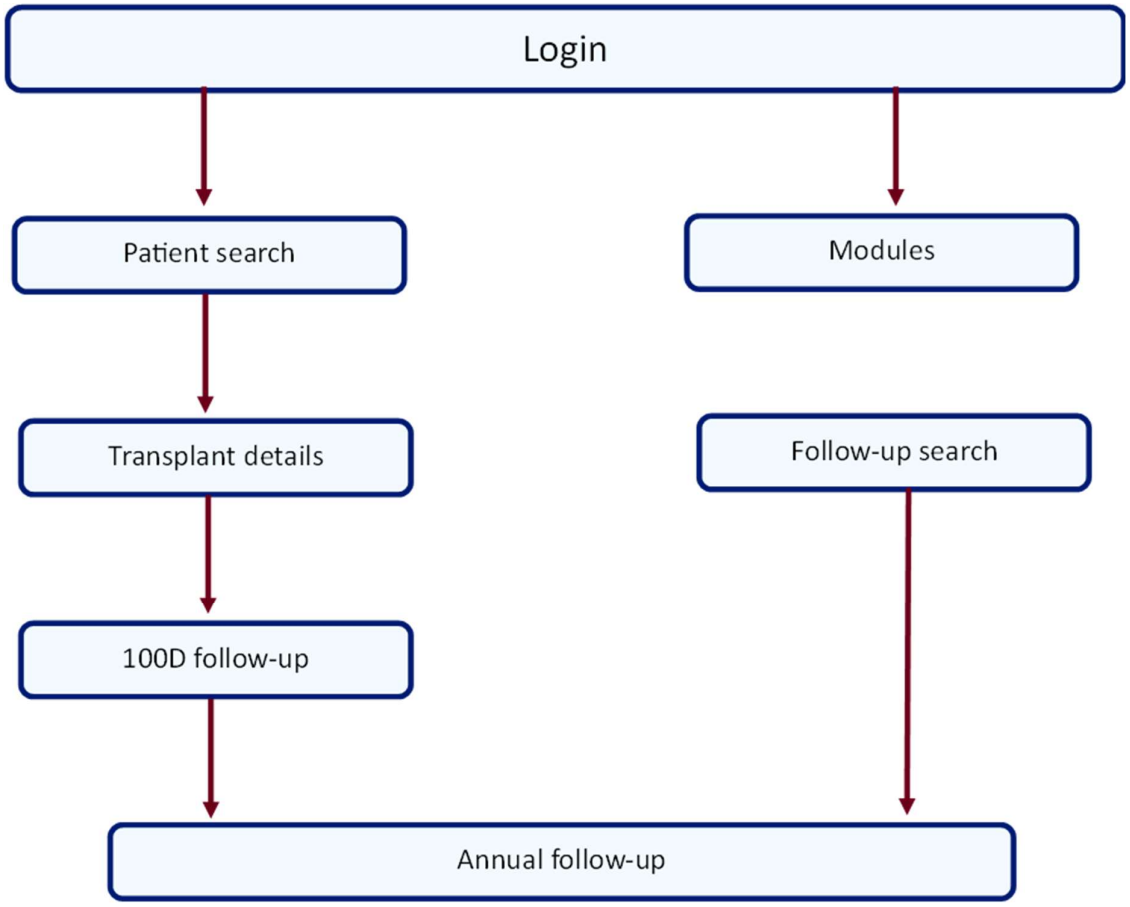
5.2.1 Best disease status achieved post-transplant 23

5.2.2 Reporting First Relapse or First Disease Progression post-transplant 23

5.2.3 Reporting New Malignancies 24
5.2.4 Chronic Graft versus Host Disease 25
5.2.5 Donor Cellular Infusions 26
Reporting survival status 26
Reporting Follow Up for a patient transplanted at another centre 28
Data fields appearing in multiple pages 29
SORTING DATA 29
Data queries 29
Printing Forms 29
Deleting data 30
CONTACTING THE ANZTCT ADMINISTRATOR 31
RUNNING REPORTS 31
Calculated days 33
Survival Days 33
Disease free Days 33
GUIDELINES TO COMPLETING DATA FIELDS 34
Patient Details 34
Transplant Details 34
Allogeneic Transplant 35
Multiple Donor 36
100 Day including Engraftment 37
Annual Follow Up Details 39
Non-Consented patients 41

Application Structure

This diagram shows the available pages and how they can be navigated in the application.



ACCESSING THE DATABASE

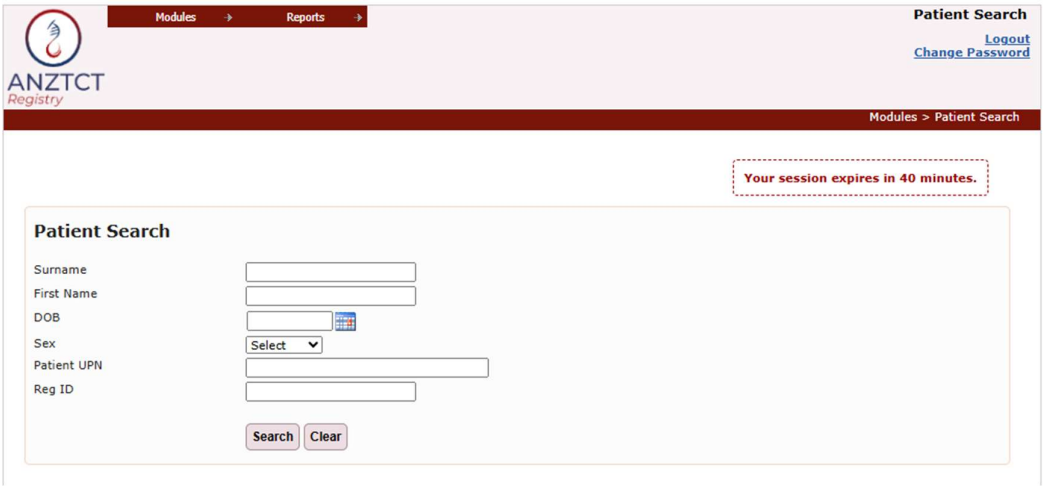
Haematopoietic stem cell transplants can be registered with ANZTCT using the online database. The ANZTCT Database is located at: https://astro.anztct.org.au/PDFramework/Pages/Login.aspx

Authorised users will be assigned a unique login and temporary password from the ANZTCT administrator. Users should change their password when they first enter the database. The login and password should remain confidential.

1. Logging on

1. Enter the login and password where indicated
2. Select 'Login'
3. Successful login with take you to the 'Patient Search' page.
4. Contact the ANZTCT administrator if you're unable login using the details provided to you.

Once logged in, the Patient Search page appears.

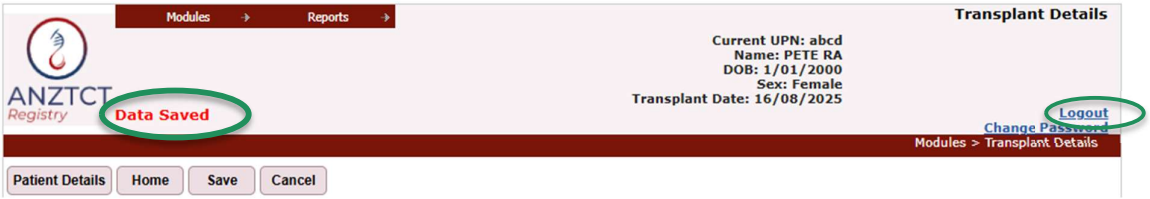


2. Changing your password

Select 'Change Password' located at the top right of the "Patient Search" page.
Complete with a new password which should consist of at least 8 characters (include a combination of letters and numbers).

3. Logging off

Ensure that any data entry and changes have been successfully saved before selecting “Logout”



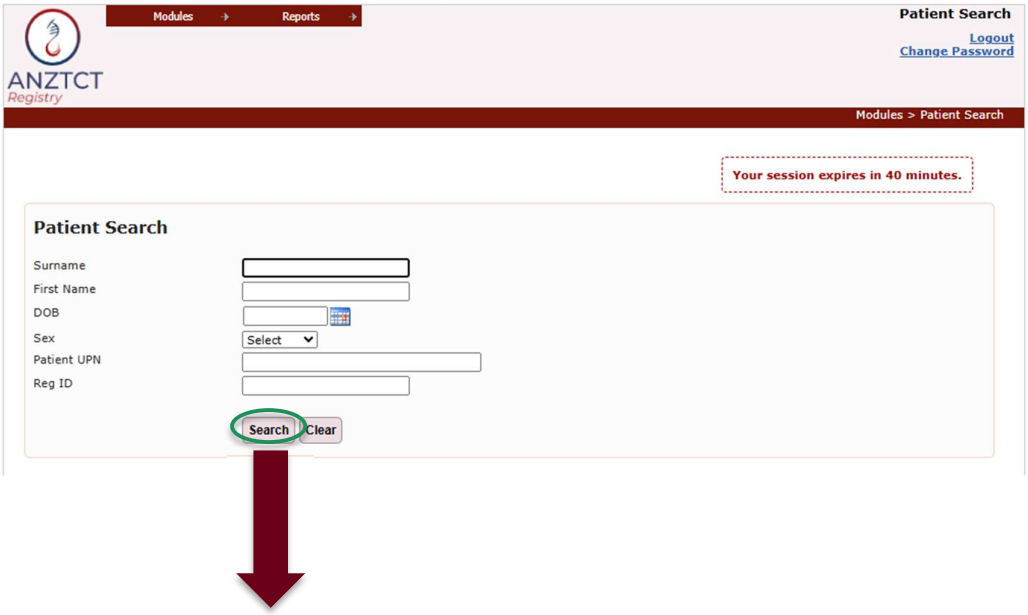
Note: the application will time out if the database has not been used after 20 minutes. **“Your session has expired!”** will show. **Any input of data will not be saved after this has occurred.** Attempts to save, refresh or navigate away from current page will redirect you back to the login page. Logging back in will return you to the most recent page in use.

USING THE DATABASE

1. Navigation

Once logged in, the Patient Search page appears. From here you may add a new patient (see next section - To Register a new patient) or search for an existing patient.

A search may be refined by a patient name, date of birth, sex, UPN or Reg ID (if known). The more fields completed, the more refined the search results will be.



Details	Hospital	Patient UPN	Surname	First Name	DOB	Sex	TP#	TP Date	TP Type	Data Query	Email Admin
Select	Hospital A	222	MOUS	MI	10/10/1968	Male	1	1/01/2000	Autologous	*	
Select	Hospital A	123	GLOO	AU	15/04/1959	Male	1	2/07/2005	Autologous		
Select	Hospital A	999	SMIT	BA	4/08/1978	Male	1	5/06/2007	Allogeneic		
Select	Hospital A	321	BLAC	SI	12/05/1945	Male	1	15/03/2008	Autologous staged		
Select	Hospital A	33	RABB	PE	1/01/1978	Male	0	25/06/2008	Allogeneic		
Select	Hospital A	23	BROW	MA	1/01/1978	Male	0	6/08/2011	Allogeneic		
Select	Hospital A	232	GLOO	AU	15/04/1959	Male	2	15/03/2012	Allogeneic		
Select	Hospital A	23	SALT	V	18/12/1990	Female	3	16/12/2012	Allogeneic		

From the search list, the user may select a patient record to view or add updated information.

Data may be sorted by clicking on the column heading, e.g. sort by patient surname, DOB, transplant date, gender or transplant type.

1.1 Navigation by modules

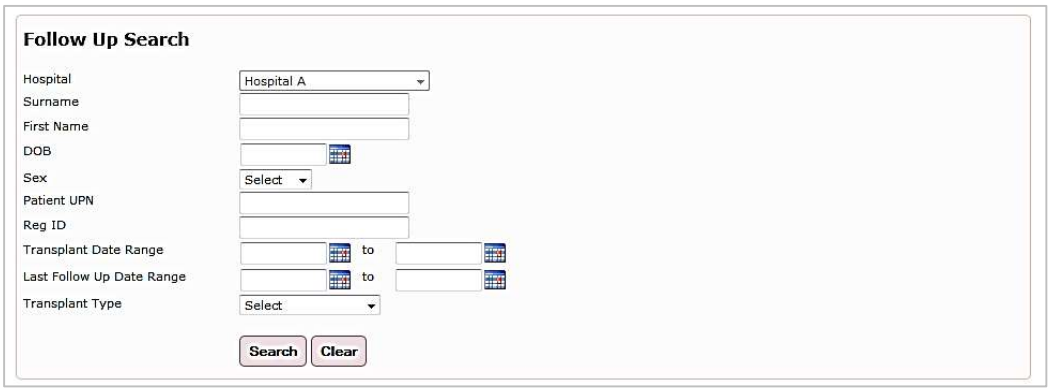
Using the Modules dropdown, located at the top of the screen, options will direct you to:

Patient Search Page

You may use the Modules dropdown to go directly to the Patient Search page from a transplant related page.
Ensure data is successfully saved before navigating away from the transplant related page.

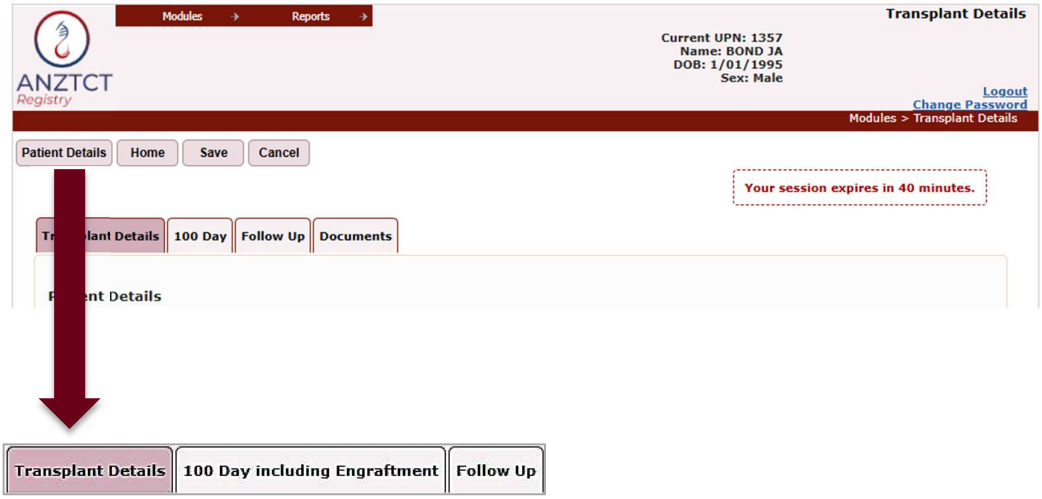
Follow Up Search Page

The search may be refined by a patient surname, transplant date range, transplant type or any of the other fields included.
Clicking “Search” without any data input will provide a list of alll alive patients.



1.2 Navigation within a transplant

Once a transplant is created or selected from the Patient Details page, navigation tabs will be visible:



2. ACCESSING THE FORMS

The transplant related forms are accessed by first selecting the patient (from the Patient Details page) and either creating a new transplant for the patient, or by selecting an existing transplant.

2.1 Forms available within a transplant

- **Transplant Details** – includes details regarding the transplant and disease for which the transplant was indicated for.
- **Allogeneic -** only visible if the donor is allogeneic
- **Multiple Donor** - only visible if "Multiple Donor "is selected in the Allogeneic Form.
- **100 Day including Engraftment** – shows after a transplant is saved.
- **Follow Up** - accesses the Annual Follow Up Forms.

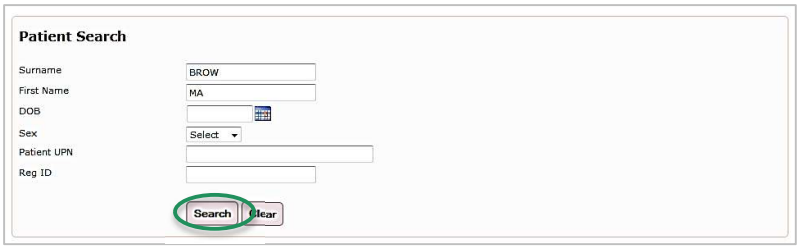
3. TO REGISTER A NEW TRANSPLANT

3.1 Creating a transplant for a new patient (never transplanted before)

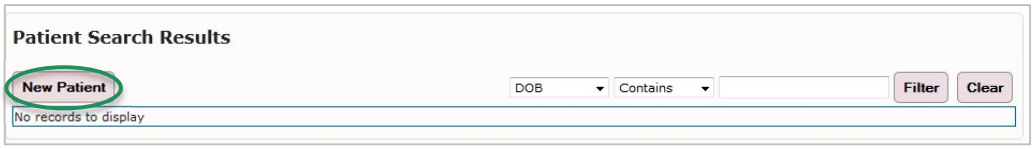
To add a new transplant, a new patient must be created first.

When you login, the **Patient Search** page shows.

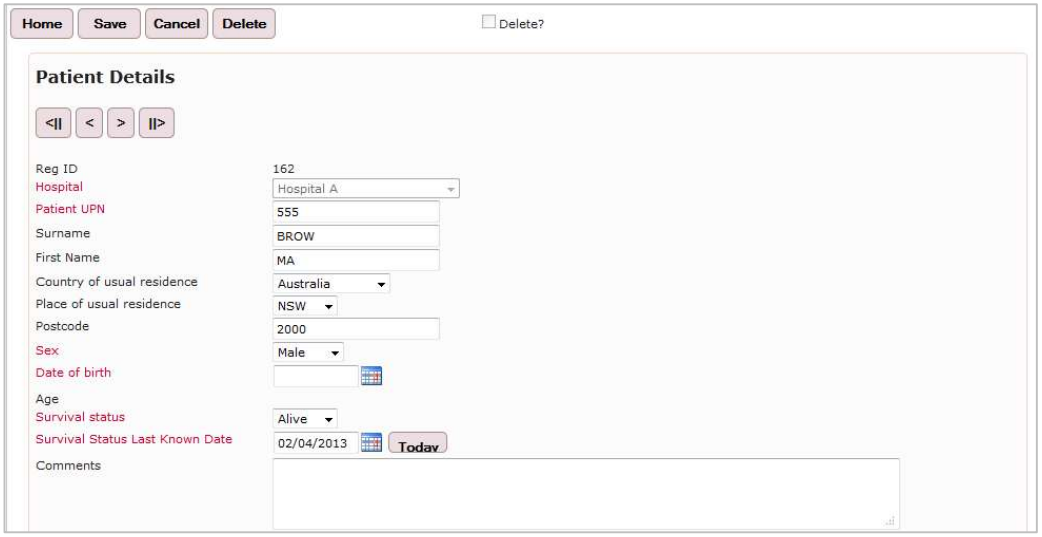
Complete any of the patient identification fields on the Patient Search page.



Click "Search". This will take you to the Patient Search Results.
"No records to display" will show in the table.
Note: "No records to display" will also show if the patient has not received a transplant at your centre previously.



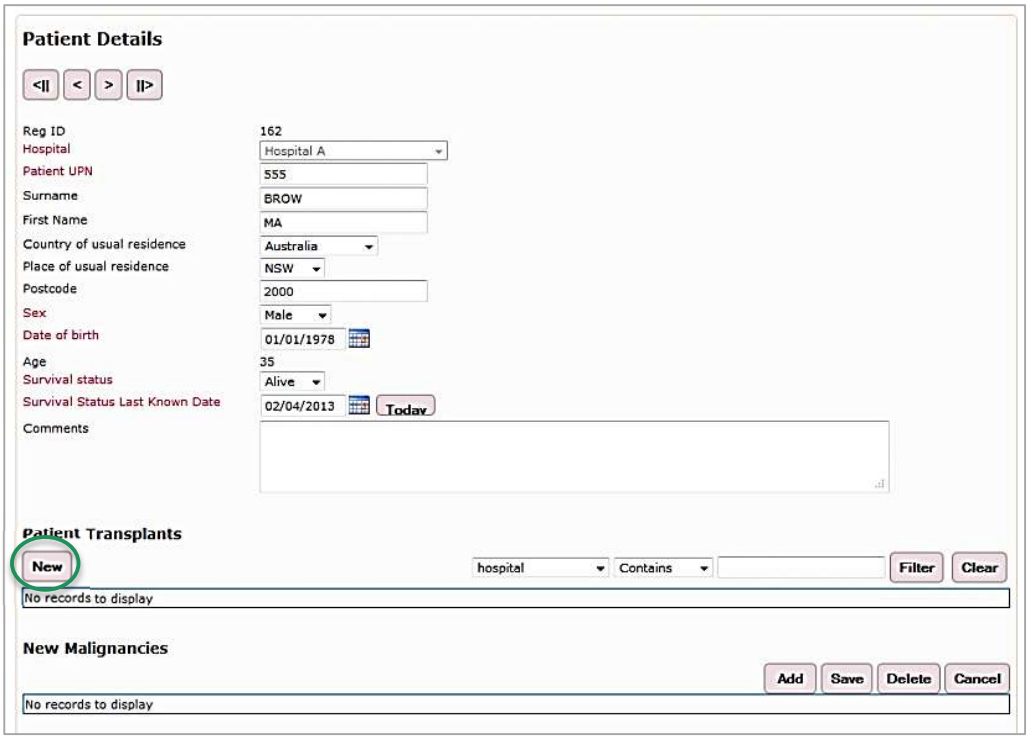
Click on “New Patient” to go to Patient Details page as shown below



Complete the remaining fields and click

The field labels in red are mandatory fields.
Data entered here will pre-populate into corresponding fields on the **Transplant Details** page except for the transplant UPN as this number maybe unique for this transplant at your centre if the patient has previously received a transplant.

Once saved, the page will refresh with new fields “Patient Transplants” and “New Malignancies” (see below). Select **“New”** under **Patient Transplants** to add transplant details.
Note: calculated fields (i.e. age) will show once the page is refreshed.

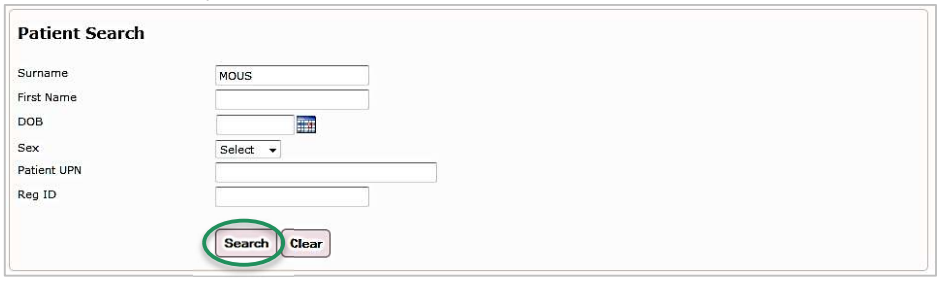


3.2 Adding a transplant for an existing patient

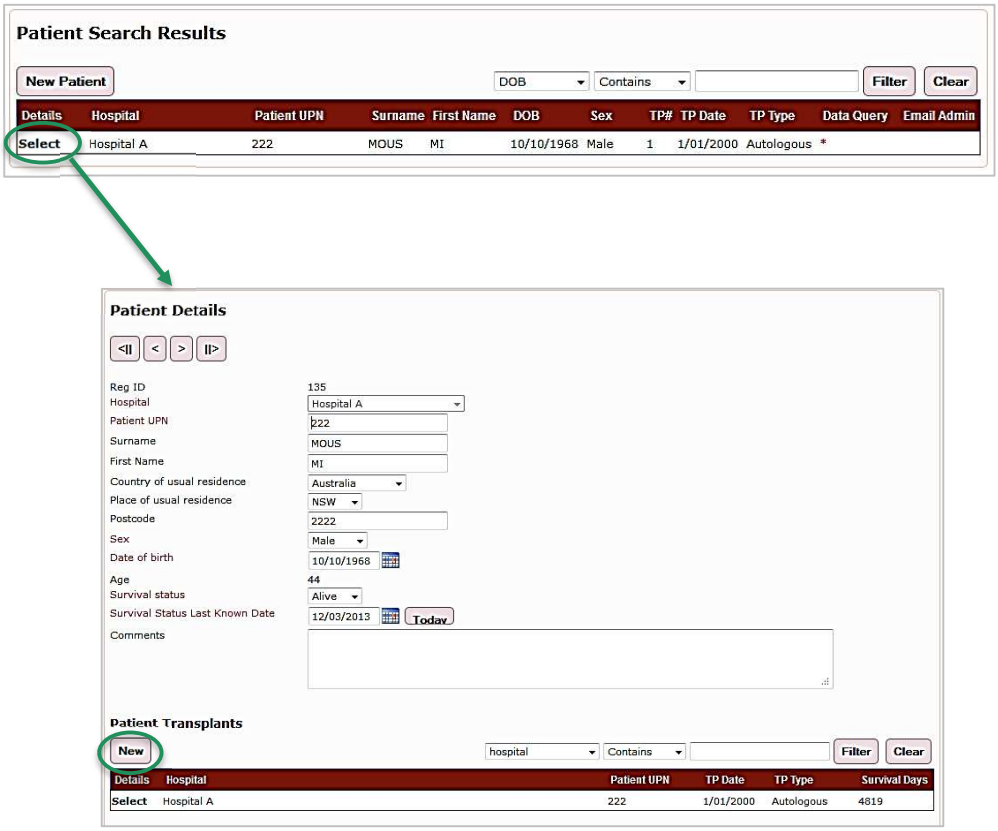
If the patient has previously been transplanted at your centre, the patient record will be accessible. Refer to the next section if the patient was treated previously at another centre.

Complete any of the patient identification fields on the **Patient Search** page

Click “Search”. This will take you to the Patient Search Results.

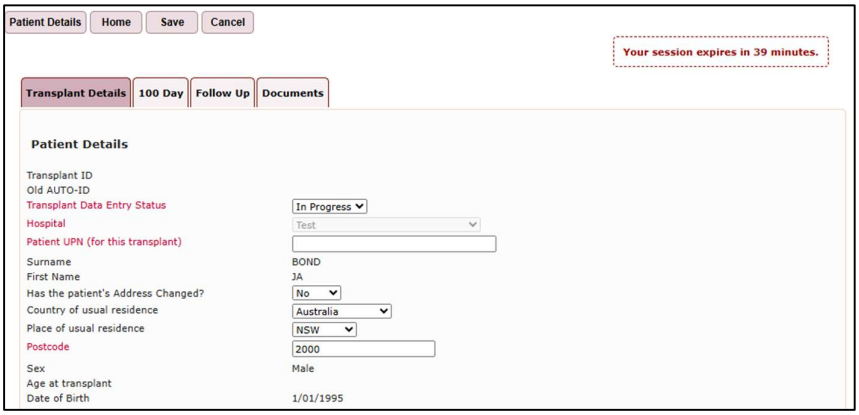


Click on “Select” to take you to the **Patient Details** page.



To add a subsequent transplant:

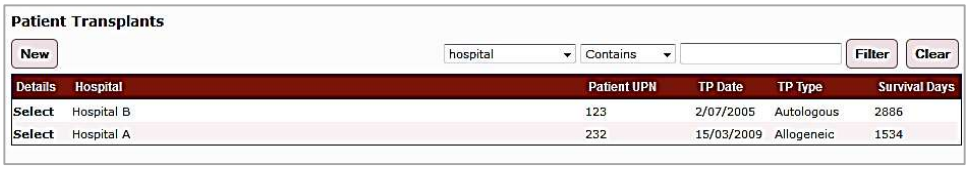
1. Under **Patient Transplants**, select **New**
2. This will take you the **Transplant Details** page:



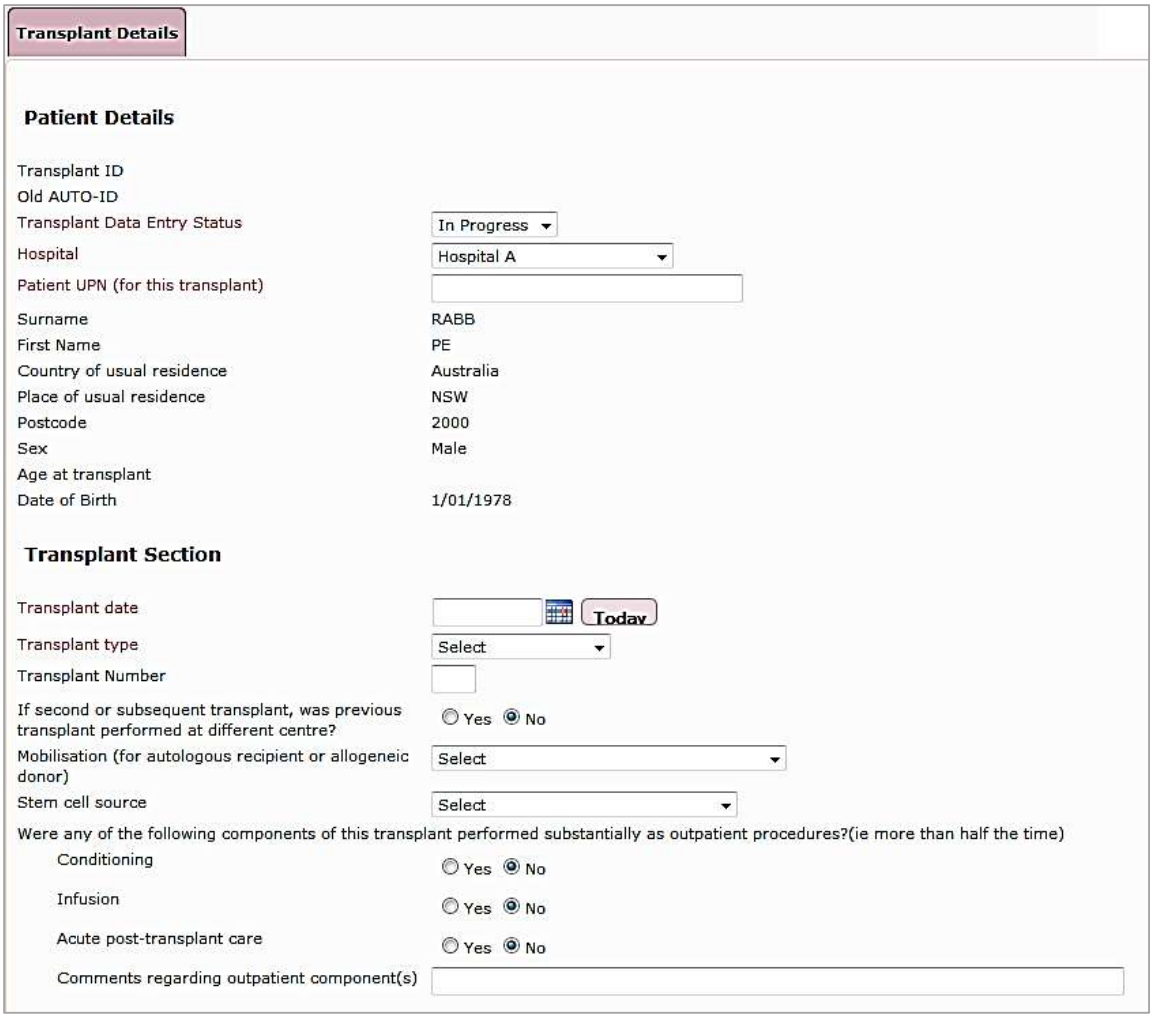
3.3 Adding a transplant to a patient previously transplanted at another centre

If you know the patient has received a previous transplant but at a different centre, contact the ANZTCT administrator to transfer the patient record to your centre to enable you to 'add' a transplant.

Once a record is transferred to your site from another centre, you will be able to select the patient and add a transplant by selecting **New**



4. TRANSPLANT DETAILS



Sections within this form include:

4.1 Patient details

Most of these fields are read only here as these were completed on the "Patient Details" page.

Enter a value for **Patient UPN (for this transplant)** as this may be different to the "Patient UPN" if this is a subsequent transplant.

Note: The **Age at transplant** field is automatically calculated once the transplant date has been entered and saved.

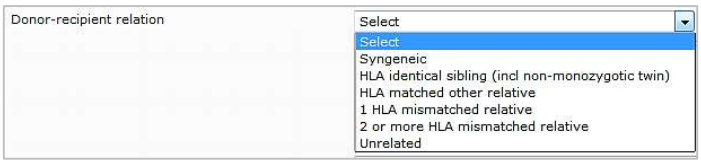
4.2 Transplant Section

For a second or subsequent transplant, the following fields will show:

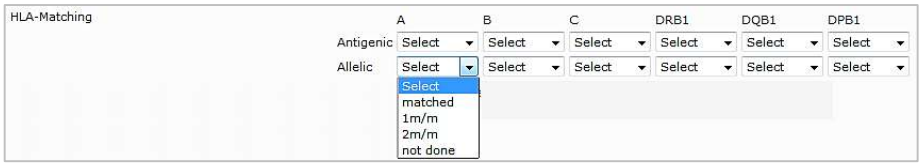
The 'autologous staged' option for transplant type should no longer be used. Each infusion is entered as a separate autologous transplant.

Please select 'Yes' for 'HSCT part of a planned multiple graft protocol' when entering planned multiple infusions. Please note, infusions given over more than one day are regarded as one transplant using the first day of infusion as the transplant date.

If Transplant type = allogeneic then "Donor-recipient relation" appears with dropdown selection as shown



If Donor-recipient relation = unrelated, the HLA-Matching grid appears

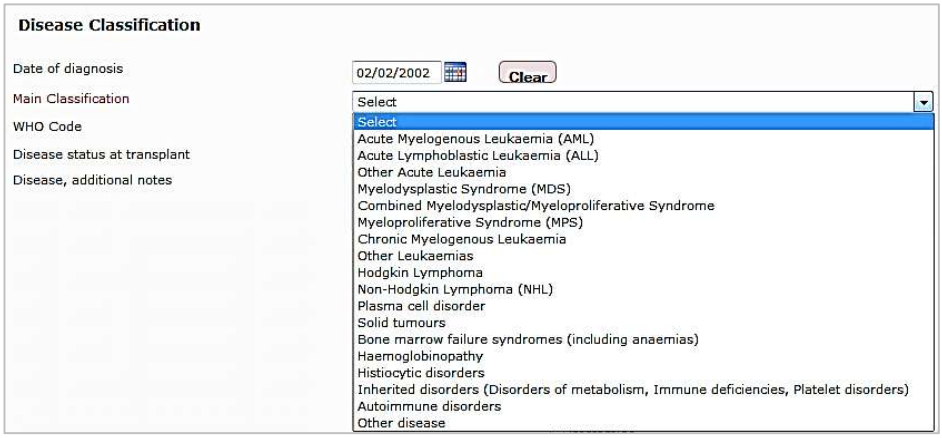


4.3 Disease Classification

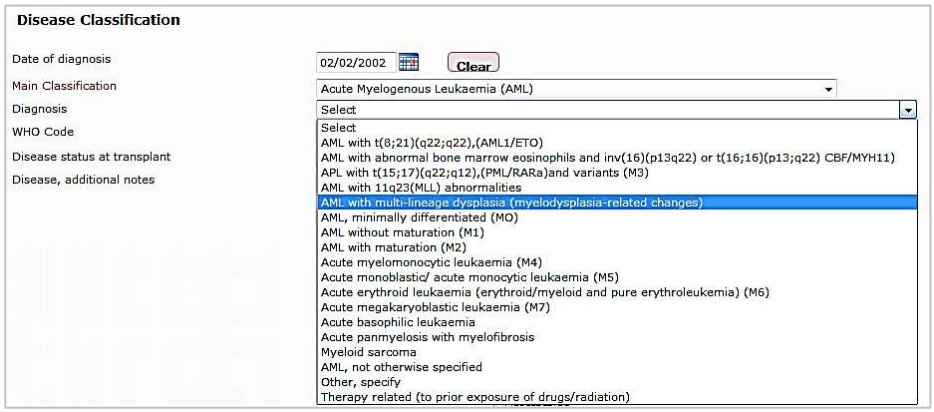
To select the diagnosis, a Main Classification must be chosen from the dropdown list, and the page will refresh to show all the diagnoses relevant for that main classification.

You might like to refer to our diagnosis list when classifying disease data.

"Other disease" in the Main Classification should be reserved for a diagnosis that cannot be categorized in any of the disease groups in the Main Classification.



For example, if Main Classification = Acute Myelogenous Leukaemia, then the diagnosis options update to show items in the dropdown list below



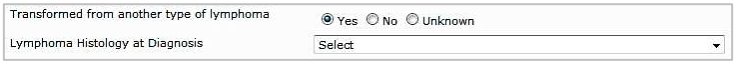
Any associated fields will show once a main classification or diagnosis is selected.

Possible associated fields:

- Main Classification = Acute Myelogenous Leukaemia, Myelodysplastic, Myeloproliferative, or Combined MDS/MPD

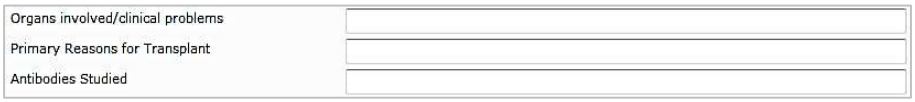
- Main Classification = Acute Myelogenous Leukaemia

- Main Classification = Lymphoma



- Diagnosis = Myeloma

- Main Classification = Autoimmune disorders

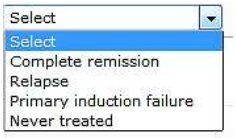


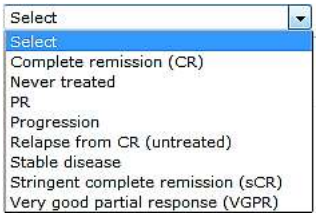
(Appears under "Disease status at transplant")

4.3.1 Disease Status at transplant

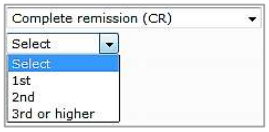
This section is relevant for the following disease groups:
Acute Leukaemia, CML, Other leukaemias, Lymphoma, MDS/MPS, Plasma Cell Disorders and Solid tumours.
Skip this section for all other diagnoses.

The contents of the dropdown list will update depending on which Main Classification is selected.
Examples:



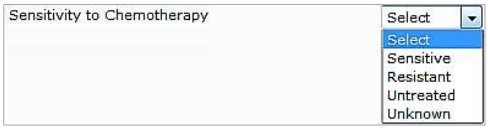


If relevant, the **Number** of the disease status appears



Extra remission fields appear for acute leukaemias and chronic myelogenous leukaemia

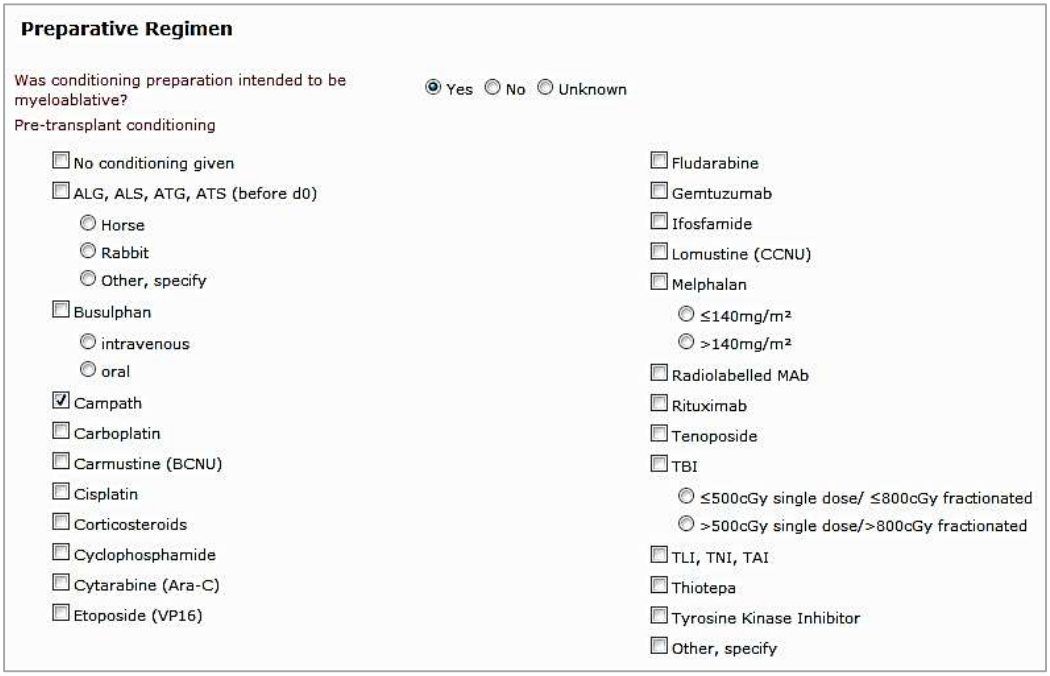
Sensitivity to chemotherapy appears when "relapse" is selected for lymphoma and solid tumours



4.4 Preparative Regimen

Was conditioning preparation intended to be myeloablative? – this field appears for allogeneic transplants.

Select all agents used, and doses where indicated.



Preparative Regimen

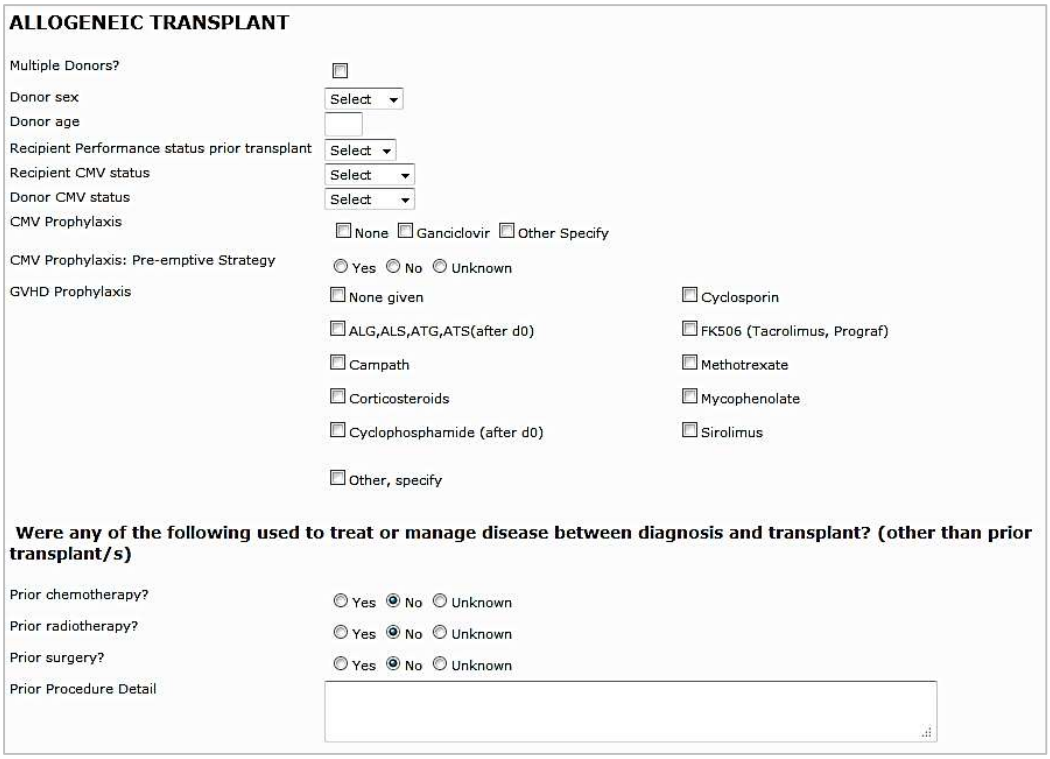
Was conditioning preparation intended to be myeloablative? ◉ Yes ○ No ○ Unknown

Pre-transplant conditioning

- ☐ No conditioning given
- ☐ ALG, ALS, ATG, ATS (before d0)
  - ○ Horse
  - ○ Rabbit
  - ○ Other, specify
- ☐ Busulphan
  - ○ intravenous
  - ○ oral
- ☑ Campath
- ☐ Carboplatin
- ☐ Carmustine (BCNU)
- ☐ Cisplatin
- ☐ Corticosteroids
- ☐ Cyclophosphamide
- ☐ Cytarabine (Ara-C)
- ☐ Etoposide (VP16)
- ☐ Fludarabine
- ☐ Gemtuzumab
- ☐ Ifosfamide
- ☐ Lomustine (CCNU)
- ☐ Melphalan
  - ○ ≤140mg/m²
  - ○ >140mg/m²
- ☐ Radiolabelled MAb
- ☐ Rituximab
- ☐ Tenoposide
- ☐ TBI
  - ○ ≤500cGy single dose/ ≤800cGy fractionated
  - ○ >500cGy single dose/>800cGy fractionated
- ☐ TLI, TNI, TAI
- ☐ Thiotepa
- ☐ Tyrosine Kinase Inhibitor
- ☐ Other, specify

4.5 Allogeneic transplant

The following information is required when **Transplant type = allogeneic**:



ALLOGENEIC TRANSPLANT

Multiple Donors? ☐

Donor sex: Select

Donor age:

Recipient Performance status prior transplant: Select

Recipient CMV status: Select

Donor CMV status: Select

CMV Prophylaxis: ☐ None ☐ Ganciclovir ☐ Other Specify

CMV Prophylaxis: Pre-emptive Strategy: ○ Yes ○ No ○ Unknown

GVHD Prophylaxis

- ☐ None given
- ☐ ALG,ALS,ATG,ATS(after d0)
- ☐ Campath
- ☐ Corticosteroids
- ☐ Cyclophosphamide (after d0)
- ☐ Other, specify
- ☐ Cyclosporin
- ☐ FK506 (Tacrolimus, Prograf)
- ☐ Methotrexate
- ☐ Mycophenolate
- ☐ Sirolimus

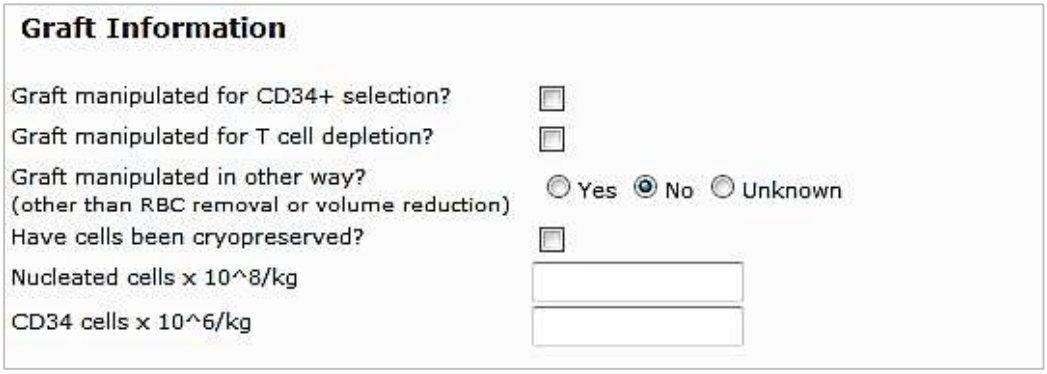
Were any of the following used to treat or manage disease between diagnosis and transplant? (other than prior transplant/s)

Prior chemotherapy? ○ Yes ◉ No ○ Unknown

Prior radiotherapy? ○ Yes ◉ No ○ Unknown

Prior surgery? ○ Yes ◉ No ○ Unknown

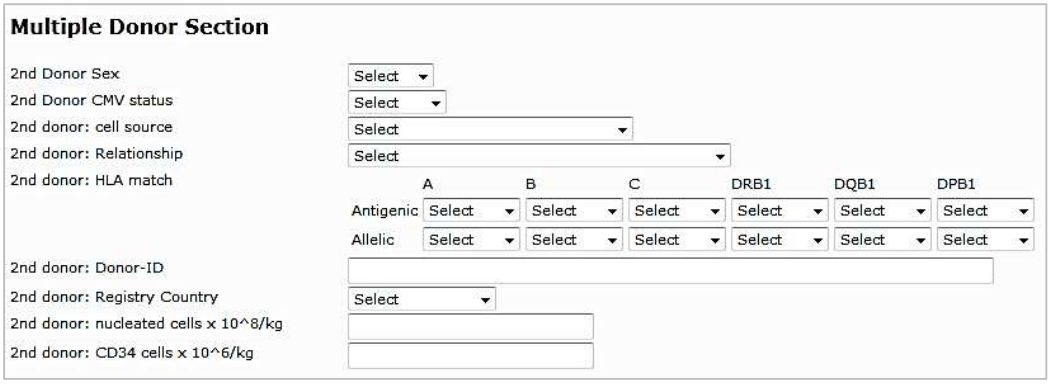
Prior Procedure Detail:



Complete the section below for unrelated donors:

4.6 Multiple donors

The multiple donor fields appear **Multiple Donors** checkbox is ticked:



5. FOLLOW UP FORMS

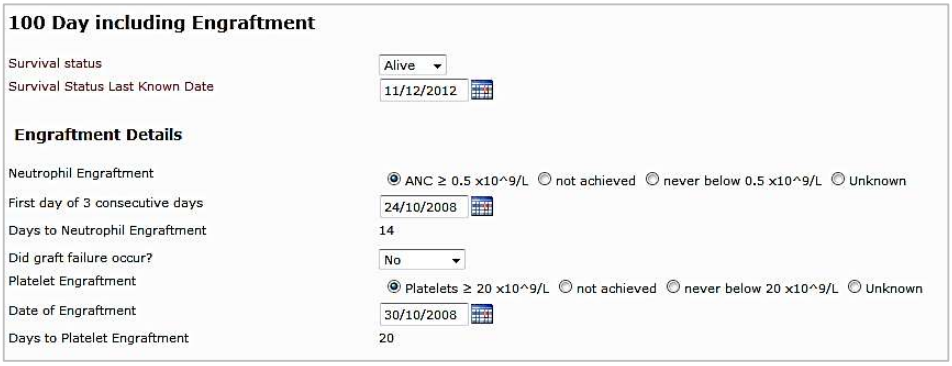
Post transplant information is collected at different time points:

- 100 Day including engraftment - includes information on engraftment and acute post-transplant toxicities/events
- Annual follow up
- Ad hoc reporting
  - First Relapse or First Disease Progression post-transplant – select the appropriate **Annual Follow Up** via the **Follow Up** tab. To change existing details, the ANZTCT administrator may need to be contacted to change the relapse/progression date (becomes read-only once saved)
  - New Malignancies – enter data on the **Patient Details** or corresponding **Annual Follow Up** page
  - Survival status and last known date – enter data on the **Patient Details** or **Annual Follow Up** page

5.1 100 DAY INCLUDING ENGRAFTMENT

5.1.1 Engraftment Details

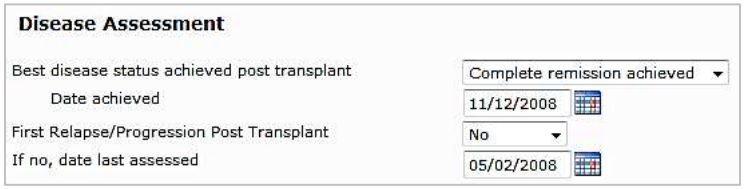
Calculated fields, "Days to Neutrophil engraftment" and "Days to Platelet engraftment" will show once dates are entered and saved.



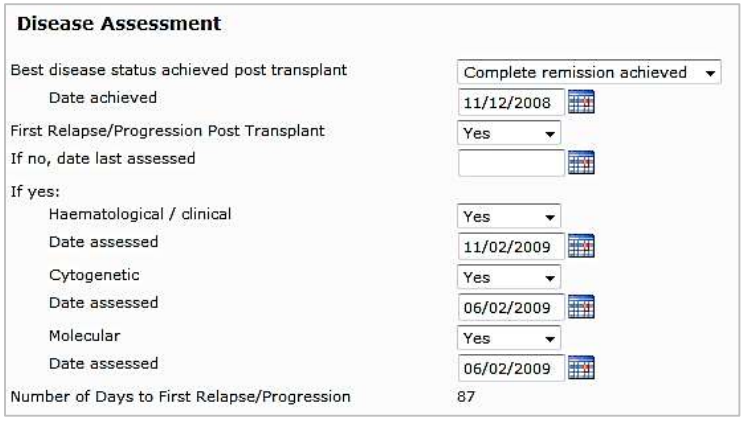
5.1.2 Disease assessment

The possible selection options for "Best disease status achieved post-transplant" are Continued complete remission, Complete remission achieved, Never in complete remission and Not evaluated

If "Complete remission achieved" is selected, then a field for the "Date achieved" appears.

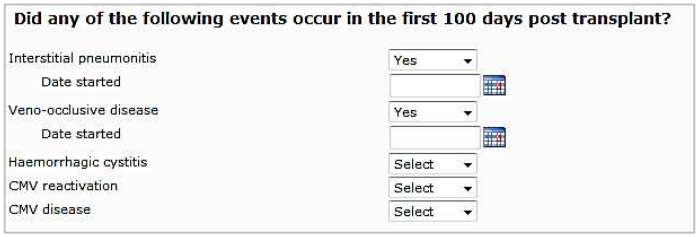


If relapse or progression has not occurred, then complete the date of last assessment. (see above)
If relapse has occurred, then complete the method and date of assessment, as shown below.



5.1.3 Acute post-transplant toxicities

Select Yes/No/Unknown for the listed adverse events if the event occurred in the first 100 days. The "Date started" field will show once "Yes" is selected.

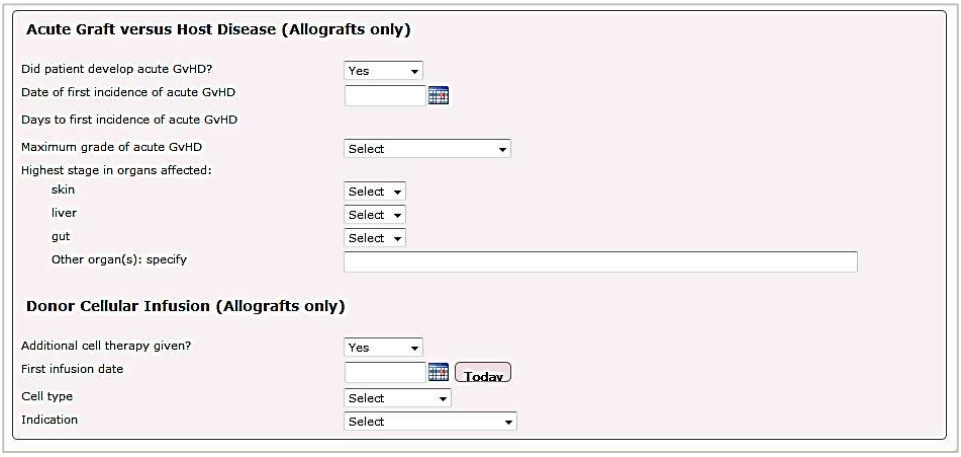


Data fields for allogeneic transplants:

5.1.4 Acute graft versus host disease

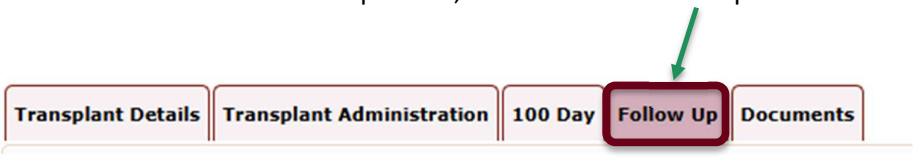
5.1.5 Donor cellular infusion

Once "Yes" is selected for either of these events, the form will update to show the related fields

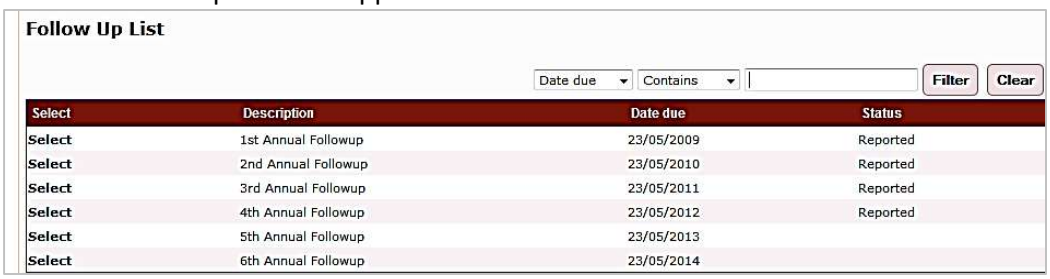


5.2 ANNUAL FOLLOW UP

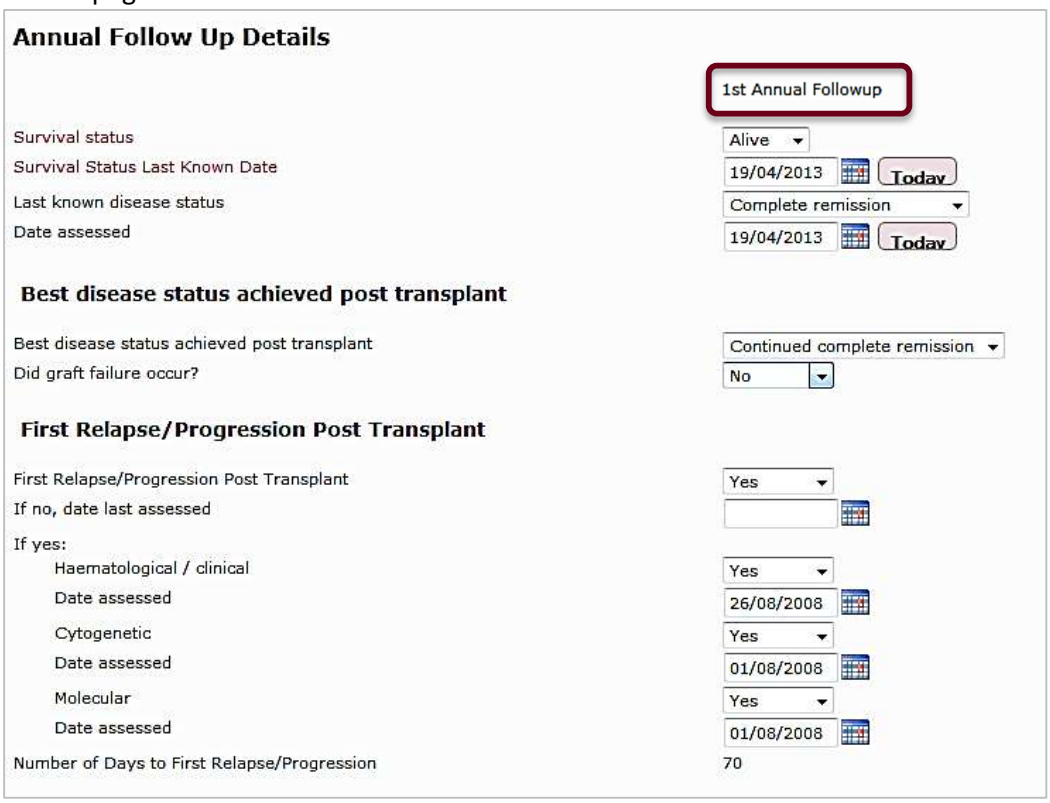
To access the annual Follow up forms, click on the “Follow Up” tab



The Annual Follow Ups List will appear

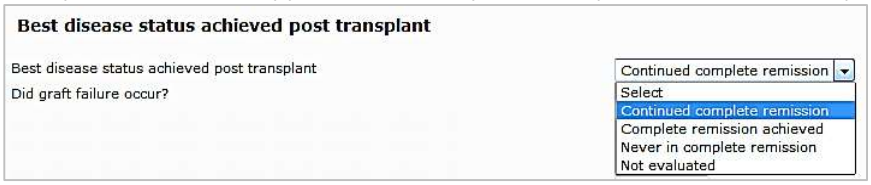


Selecting the appropriate follow up from the list will then show the Annual Follow Up Details page:



5.2.1 Best disease status achieved post-transplant

If "Complete remission achieved" or "Never in complete remission" is selected, then a date field appears for "Date remission achieved" or "Date of last assessment" respectively.
As this a *once only occasion*, it will appear as read-only on subsequent Annual Follow Up forms

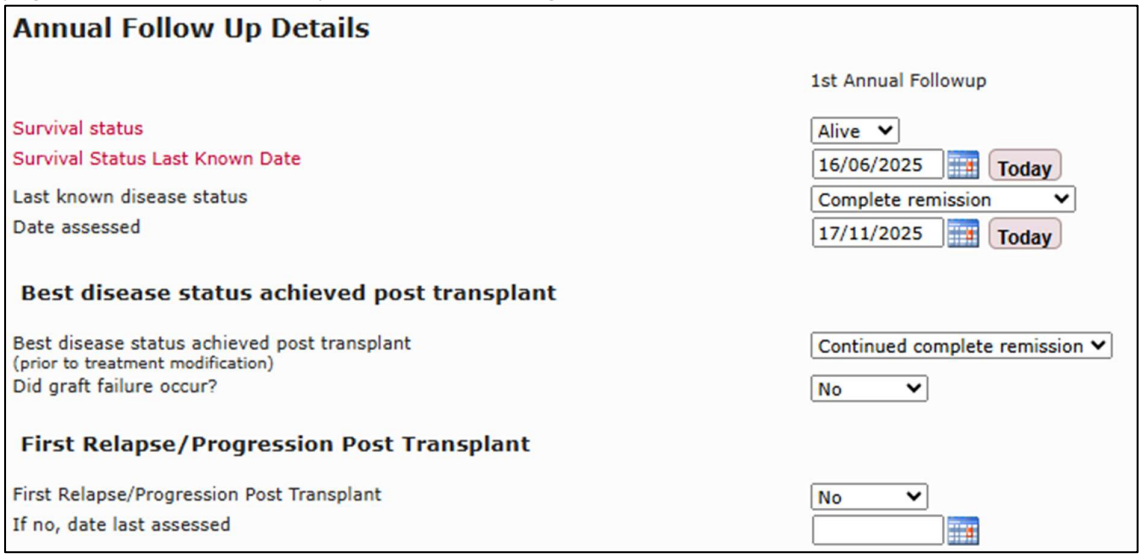


5.2.2 Reporting First Relapse or First Disease Progression post-transplant

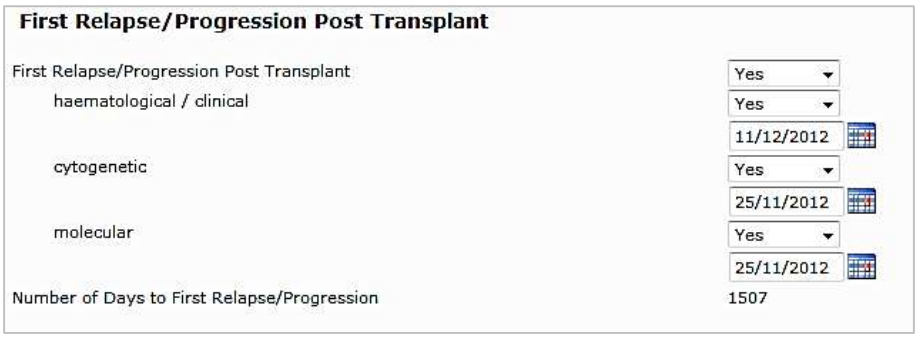
If **First relapse/Progression post-transplant** = No, then enter a date in *date last assessed*:

This field is prepopulated from any previous entry for your reference. This date should be overwritten with a more recent date in subsequent follow ups if disease assessment was performed.

If the date has already been entered under “Last known disease status, Date assessed” at top of page, then it is not necessary to enter the date again:



If **First relapse/Progression post-transplant** = Yes, then the associated method of detection and date assessed fields will show:

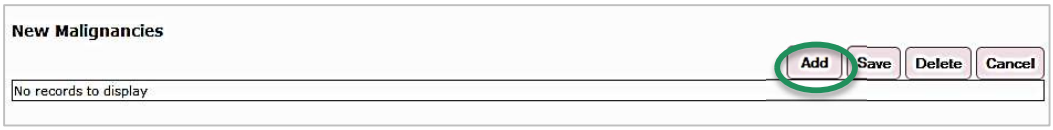


Number of Days to First Relapse/Progression will be calculated once a date is entered and saved. The calculated date will be from the date of the earliest detection method.
As this a *once only occasion*, it will appear as read-only on subsequent Annual Follow Up forms. Similarly, if it has been reported in the 100 Day follow up, then it will be read-only in the Annual Follow Up.

5.2.3 Reporting New Malignancies

A new malignancy may be reported in an **Annual Follow Up** or on the **Patient Details** page. Information entered will be seen from any of these pages.

Click on “Add” to add a new malignancy field.



Or:

5.4 Performance Status

This should reflect the patient's Karnofsky/Lansky Score in the reporting period, closest to the anniversary date:

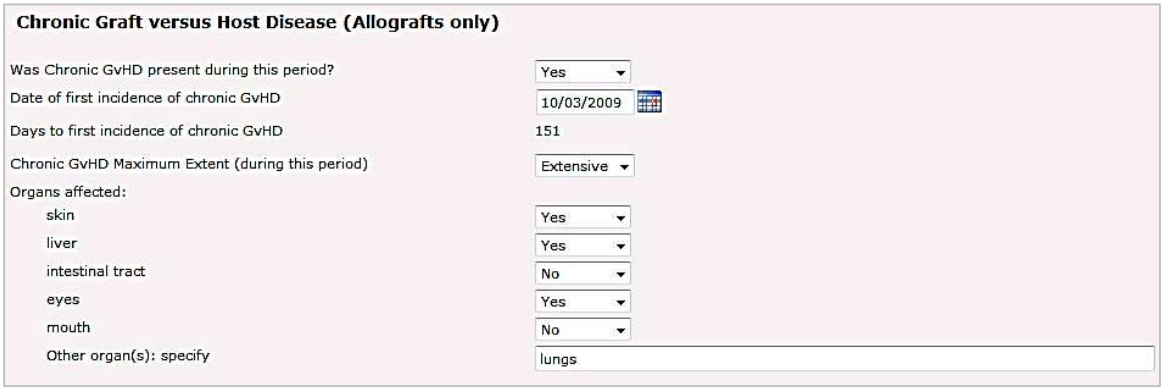
5.2.4 Chronic Graft versus Host Disease

Once "Yes" is selected, the associated fields will appear.

The data entered should reflect the events in that reporting period e.g. 2nd Annual Follow Up is the period after the first anniversary of the transplant date and up to the secondary anniversary (recorded as the "Date due" in the Follow Up List). The exception to this is the **Date of first incidence of chronic GvHD** as this field shows on all the Annual Follow Up forms but is a once only event. The patient's transplant date is also shown at the top right of the screen for your reference.

The **Date of first incidence of chronic GvHD** will become read-only once it has been reported, regardless of which annual Follow Up period it falls in.

Days to first incidence of chronic GvHD will be calculated once a date is entered and saved.



5.2.5 Donor Cellular Infusions

The Donor Cellular Infusions fields appear in the first year of follow up only.
The associated fields show when “Additional cell therapy given” = “Yes”

Reporting survival status

Updates on survival (or death and the cause of death) may be reported in an **Annual Follow Up** or on the **Patient Details** page. Information entered will be seen from any of these pages.

If patient has died, the page updates with the “Primary cause of death” field

If the cause of death was transplant related, then the page will refresh to show the options for “Transplant related causes”.

In addition, the “Last known disease status” will help determine if the cause of death was related to the disease for which the patient was transplanted for:

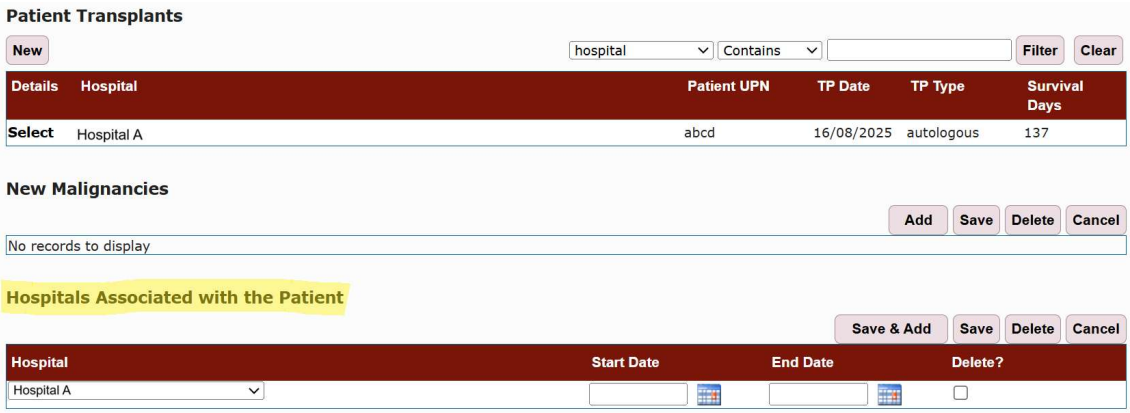
Primary cause of death	Transplant related
Cause of death, specify	
Transplant related cause (select as many as appropriate)	☐ GVHD ☐ Cardiac toxicity ☐ Infection ☐ Pulmonary toxicity ☐ Rejection/ Poor graft function ☐ VOD ☐ Other
Last known disease status	Complete remission
Date assessed	19/04/2013 Today

Reporting Follow Up for a patient transplanted at another centre

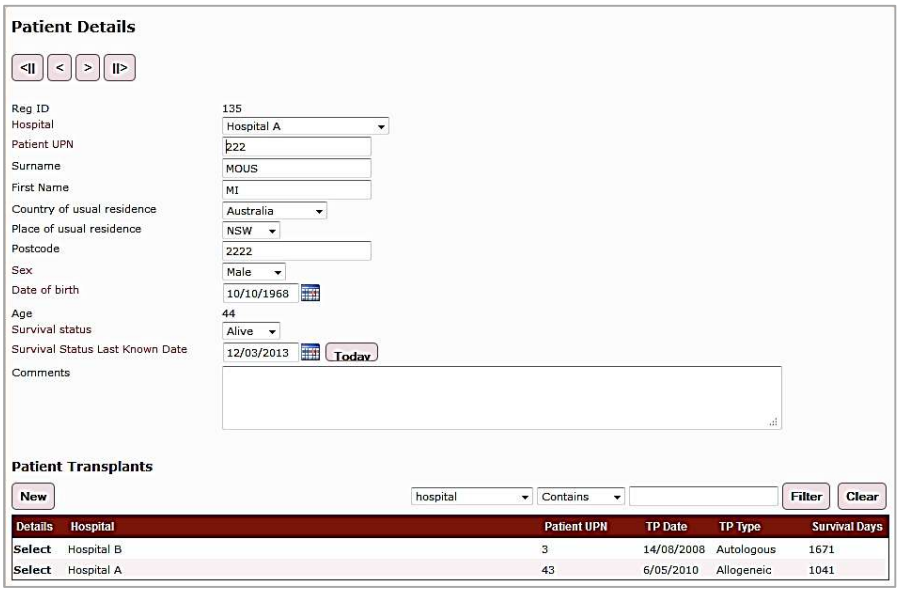
Access to a patient record for a patient transplanted at another centre can be permitted upon request to ANZTCT once consent from the other centre has been given. This will allow access to the patient's Transplant Details and associated Annual Follow Up pages for updating.

The ANZTCT Administrator will update the Hospital field on the Patient Details page as this will indicate the "Current" Hospital.

Near the bottom of the Patient Details page, a grid will display other centres associated with the patient. For example, if patient care has taken place at more than one hospital e.g. a subsequent transplant or follow up at another centre, then these centres will appear in the grid:



Unless Hospital B is the "current" hospital, staff will see the previous transplant on the **Patient Details** page but will not be able to access the transplant pages. These pages are only accessible to the centres where the transplant has taken place. That is, Hospital B can only access the transplant that occurred at Hosp B, they cannot see the details of Hosp A's transplant:



Data fields appearing in multiple pages

The following fields appear in multiple places:
Survival status and **Survival status Last known date**
First Relapse/Progression Post Transplant and **Date assessed**
New Malignancies table

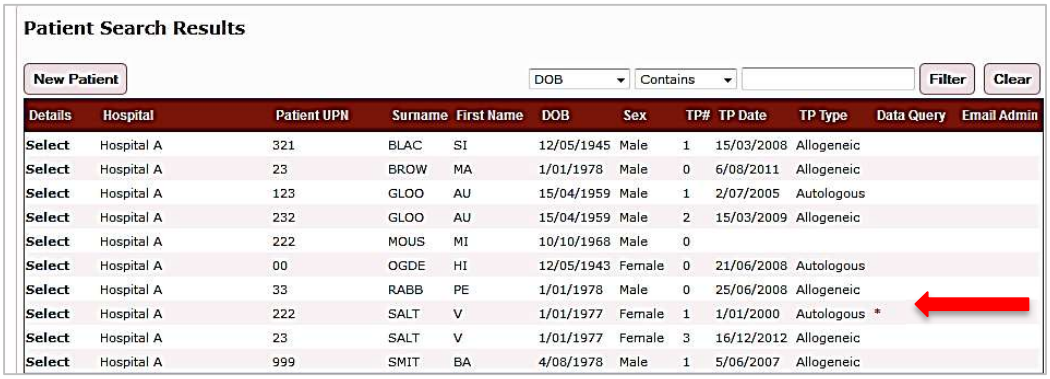
Any changes to these fields will update on all other pages where these fields appear.
Any data recorded as a 'once only occasion' will be read-only on subsequent forms:
First Relapse/Progression Post Transplant
Best disease status achieved post-transplant
Date of first incidence of chronic GvHD

SORTING DATA

Patient lists can be sorted within the tables (Patient Search Results, Follow Up Search Results) by clicking on the column heading, e.g. sort by patient name, DOB, transplant date, gender, transplant type

Data queries

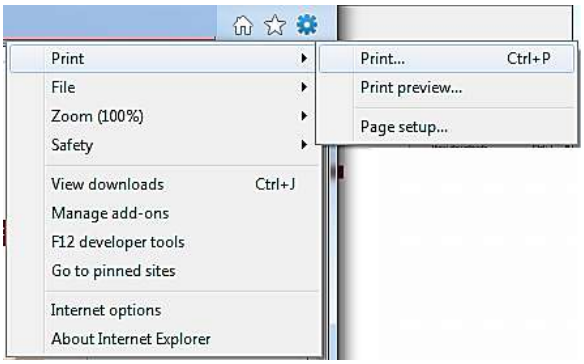
Data queries from ANZTCT are indicated by a red asterisk in the Patient Search Results.
This may involve missing data or where the data provided does not comply within the validation checks.



Details	Hospital	Patient UPN	Surname	First Name	DOB	Sex	TP#	TP Date	TP Type	Data Query	Email Admin
Select	Hospital A	321	BLAC	SI	12/05/1945	Male	1	15/03/2008	Allogeneic		
Select	Hospital A	23	BROW	MA	1/01/1978	Male	0	6/08/2011	Allogeneic		
Select	Hospital A	123	GLOO	AU	15/04/1959	Male	1	2/07/2005	Autologous		
Select	Hospital A	232	GLOO	AU	15/04/1959	Male	2	15/03/2009	Allogeneic		
Select	Hospital A	222	MOUS	MI	10/10/1968	Male	0				
Select	Hospital A	00	OGDE	HI	12/05/1943	Female	0	21/06/2008	Autologous		
Select	Hospital A	33	RABB	PE	1/01/1978	Male	0	25/06/2008	Allogeneic		
Select	Hospital A	222	SALT	V	1/01/1977	Female	1	1/01/2000	Autologous	*	
Select	Hospital A	23	SALT	V	1/01/1977	Female	3	16/12/2012	Allogeneic		
Select	Hospital A	999	SMIT	BA	4/08/1978	Male	1	5/06/2007	Allogeneic		

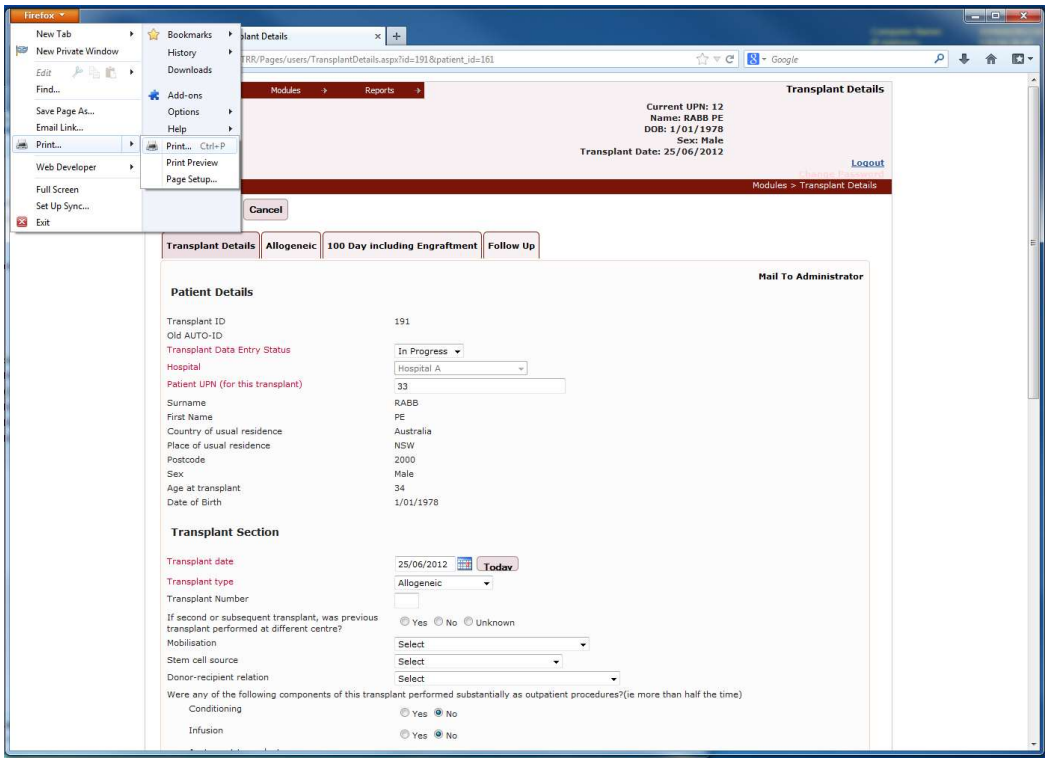
Printing Forms

Individual forms may be printed using the "Print" option from the browser window.



Note: If you are printing a blank or partially completed form, some of the relevant fields may be hidden. The paper forms may be used instead.

Example of printing the Transplant Details



Deleting data

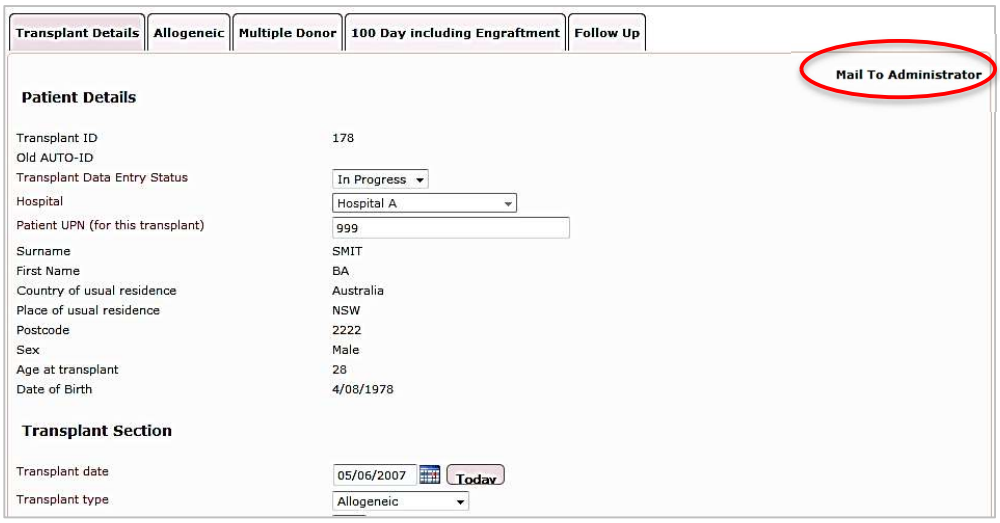
Once the Transplant Details (and the associated Allogeneic and Multiple donor) forms have been saved with "Transplant Data Entry Status" as "Complete", any changes to these forms are made by contacting the ANZTCT Administrator.

On the Follow Up pages (100 Day and Annual Follow Up), corrections may be entered by overwriting the existing data. Take care before changing any of these fields. Once saved, retrieving the overwritten data may not be possible.
Fields which are read-only can be corrected by contacting ANZTCT.
If an entire page has been entered in error, this can only be deleted by contacting ANZTCT.

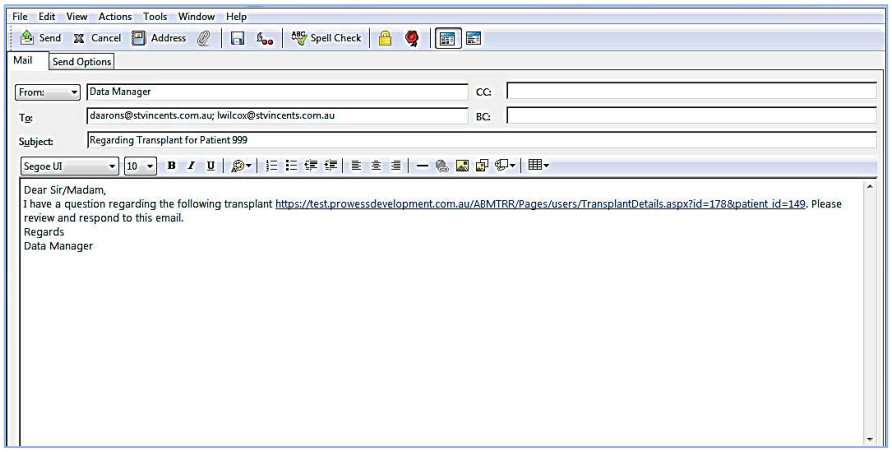
Note: The Delete checkbox has been disabled for hospital users.

CONTACTING THE ANZTCT ADMINISTRATOR

At the top right of the Transplant Details form, clicking on **Mail to Administrator** will automate an email to the ANZTCT Administrator with specific reference to a patient transplant.

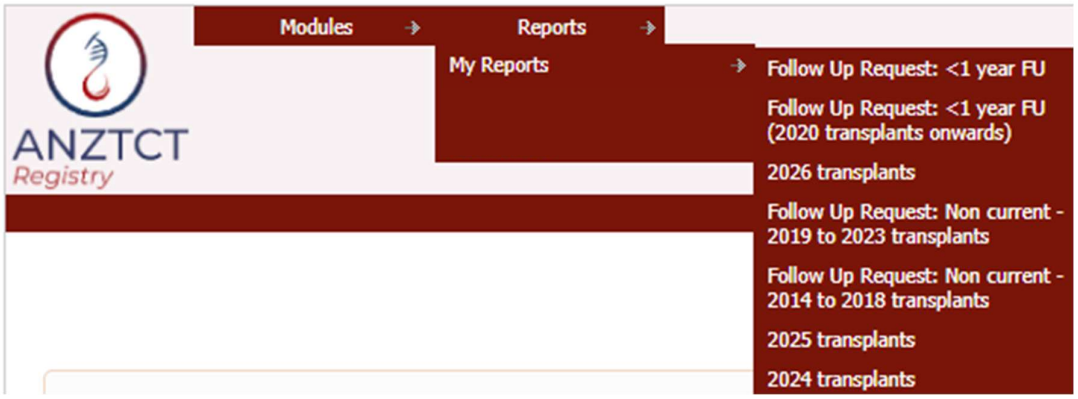


This will enable the data manager to easily contact ANZTCT with any queries about a specific transplant or patient. Add your comment or query to this email and select send.

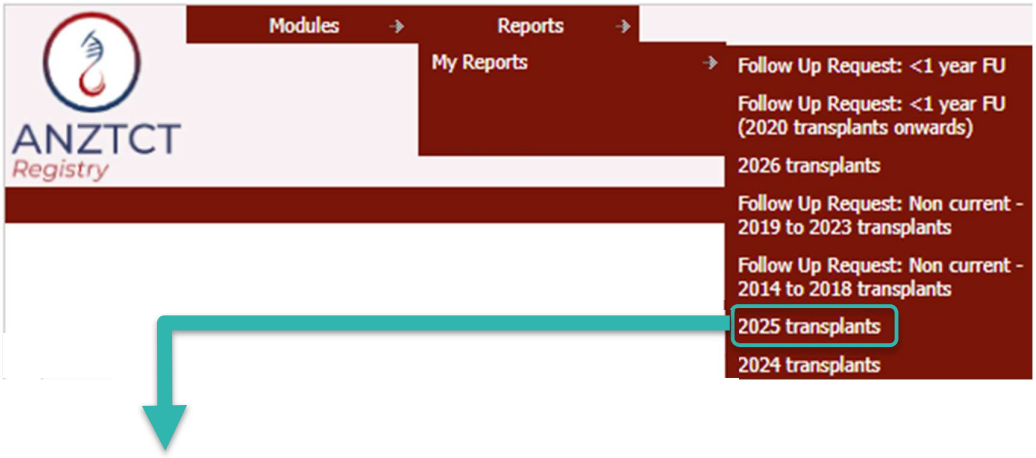


RUNNING REPORTS

Reports currently available to you are available in **Reports > My reports:**



For example, clicking on 2025 transplants will provide a list of all transplants reported at your center for that period.



2025 transplants

Run ☐ Show Summary Rows Only

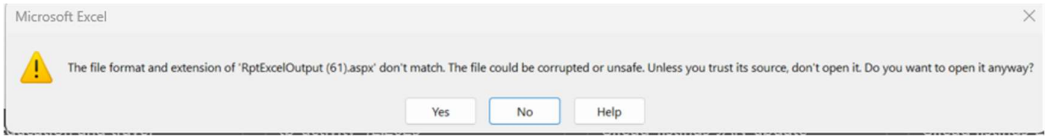
Open in Excel | Print

Results:

Tp UPN	Surname ID	First name ID	DOB	transplant usual residence id	Transplant Date	TP year	Transplant number	Transplant type	Diagnosis date	Main classification	Diagnosis	Donor relation	Transplant specify relation	Survival status	Survival status Date	Survival days	2nd infusion date (staged auto)	3rd infusion date (staged auto)	4th infusion date (staged auto)	Pt Comments	Link to patient
1234	MOUS	MI	16/09/1960		18/02/2025	2025	1	autologous		Non-Hodgkin Lymphoma (NHL)	Extranodal NK/T cell lymphoma, nasal type			Dead	11/05/2025	82					patient id=48981
9876	BOND	JA	1/01/1995	NSW	14/02/2025	2025		allogeneic	1/01/2020	Acute Myelogenous Leukaemia (AML)	AML with t(8;21)(q22;q22), (AML1/ETO)	HLA identical sib (incl non-monozygotic twin)		Alive	16/12/2025	305					patient id=50261
abcd	PETE	RA	1/01/2000	QLD	16/08/2025	2025	1	autologous		Non-Hodgkin Lymphoma (NHL)				Alive	31/12/2025	137					patient id=50488

To open the file in excel:

1. Choose Open in Excel
2. Drag the .aspx file into an open excel program
3. You will get the following prompt:



4. Select yes and wait for the file to open
5. You should see the below output:

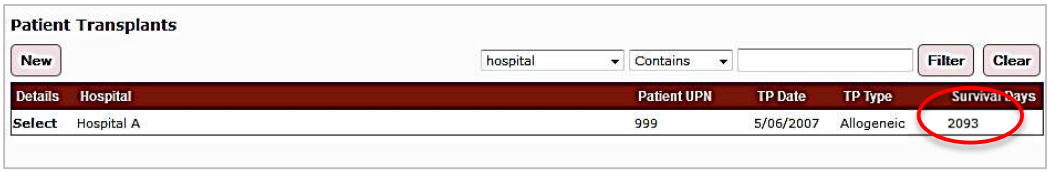
Tp UPN	Surname ID	First name ID	DOB	transplant usual residence id	Transplant Date	TP year	Transplant number	Transplant type	Diagnosis date	Main classification	Diagnosis	Donor relation
1234	MOUS	MI	16/09/1960		18/02/2025	2025	1	autologous		Non-Hodgkin Lymphoma (NHL)	Extranodal NK/T cell lymphoma, nasal type	
9876	BOND	JA	1/01/1995	NSW	14/02/2025	2025		allogeneic	1/01/2020	Acute Myelogenous Leukaemia (AML)	AML with t(8;21)(q22;q22),(AML1/ETO)	HLA identical sib (incl non-mor twin)
abcd	PETE	RA	1/01/2000	QLD	16/08/2025	2025	1	autologous		Non-Hodgkin Lymphoma (NHL)		

Additional reporting templates can be created upon request.

Calculated days

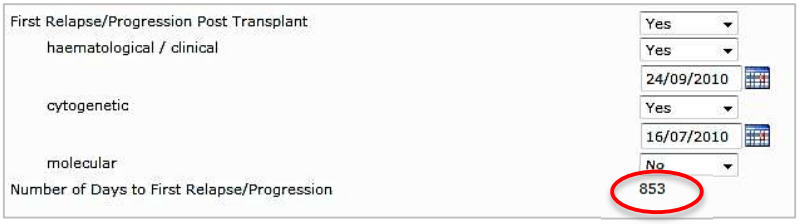
Survival Days

On the Patient Details page, under Patient Transplants, the number of days post-transplant calculated from the Survival Status Last Known Date is shown.



Disease free Days

Number of days to first relapse/progression is calculated once a date of relapse is entered and saved.



GUIDELINES TO COMPLETING DATA FIELDS

Additional instructions for completing the forms can be found on our website: https://anztct.org.au/registry/data-management-resources/

Field headings in red are mandatory fields.

Patient Details	
Reg ID	System assigned ID number
Hospital	Current hospital (may be the hospital performing follow up)
Patient UPN	The Unique Patient Number assigned to each patient or transplant at your centre to identify transplant recipients (rather than the Hospital Patient Record Number)
Surname	First 4 letters (exclude spaces)
First Name	First 2 letters
Country of usual residence	
Place of usual residence	Field appears if country of residence = Australia. Enter state e.g. NSW
Postcode	Four-digit code
Sex	Select item from dropdown list
Date of birth	Enter as dd/mm/YYYY
Age	System calculated field
Survival status	Select item from dropdown list
Survival Status Last Known Date **Primary cause of death** **Transplant related cause (select as many as appropriate)** **Cause of death, specify.** **Comments**	Enter as dd/mm/YYYY This field appears when "Dead" is selected for **Survival Status** Select item from dropdown list This field appears when "Transplant related" is selected for **Primary Cause of death** Select as many items as appropriate from dropdown list This text field appears when "Dead" is selected for Survival Status Text field for general patient information e.g. former patient identification if it has changed since prior transplant or during the follow up period. (Extra disease information should be entered in "Disease, additional notes" on the Transplant Details page.)

Transplant Details	
Transplant Data Entry Status	Select "Complete" once all fields on the Transplant page (and, if relevant, the Allogeneic and Multiple donor pages) are completed. This ensures no accidental deletion of data.
Patient UPN (for this transplant)	The Unique Patient Number assigned to each patient or transplant at your centre to identify transplant recipients (rather than the Hospital Patient Record Number) This may be different to the Patient UPN on the Patient Details page if the centre assigns a new number for a subsequent transplant
Transplant date	Enter as dd/mm/YYYY
Transplant type	Select item from dropdown list

Transplant Number	Chronological number of transplants
If second or subsequent transplant, was previous transplant performed at different centre?	If "Yes", the following fields will appear:
• **Date of prior transplant (or approximate if unknown)** • **Centre where transplant performed** • **Type of previous transplant**	
Autologous staged infusion dates: • **2nd infusion date** • **3rd infusion date** • **4th infusion date**	Enter dates where applicable. Autologous staged transplants involve 2 or more planned infusions at set intervals
Mobilisation	Indicate if any agent/s were given to mobilise cells for collection
Stem cell source	Select item from dropdown list
Donor-recipient relation	Select item from dropdown list
Haploidentical?	Check box if donor is known to be haploidentical
Specify relation	Appears when "other relative" is selected. Specify relationship of donor to recipient e.g. parent, aunt etc. Include siblings who are not HLA identical. Adoptive or step-parents/children should be reported as unrelated
HLA-Matching	Complete table for HLA matching, includes antigenic and allelic
Were any of the following components of this transplant performed substantially as outpatient procedures? (i.e. more than half the time) • **Conditioning** • **Infusion** • **Acute post-transplant care**	Select Yes/No for the following
Disease Classification	Refer to **Guidelines for completing Registration Form** for this section
Date of diagnosis	If only month and year known, enter "15th" as day If only year known, enter 30/06 as day and month
Main Classification **Sub classification**	Select from dropdown. This only appears when the disease in the main classification is divided into groups before the diagnosis selection
Diagnosis	Select option from dropdown. If "other" is selected, please specify the diagnosis in the text field provided
WHO Code	Enter WHO disease classification code if known
Disease status at transplant	Refer to **Guidelines for completing Registration Form** for this field
Disease, additional notes	Extra information regarding the diagnosis may be entered here.
Preparative Regimen	
Was conditioning preparation intended to be myeloablative?	Complete for allogeneic transplants only
Pre-transplant conditioning	Select all agents used, and source or dose where indicated. Include anti-thymocyte globulin (ATG etc) if given before day 0 Refer to article below regarding reduced intensity and myeloablative conditioning. "Defining the Intensity of Conditioning Regimens: Working Definitions." Bacigalupo, Giralt et al. Biol Blood Marrow Transplant 15: 1628-1633 (2009)

Allogeneic Transplant

Multiple Donors?	Check box if more than one donor
Donor sex **Female donor, number of pregnancies**	Select option from dropdown Shows when "Female" is selected for "Donor Sex" If unknown, enter "99"
Donor age	Enter a number Enter "0" if cell source is cord blood
Recipient Performance status prior transplant	Select a Karnofsky or Lansky Score from the dropdown
Recipient CMV status	Select option from dropdown
Donor CMV status	Select option from dropdown
CMV Prophylaxis	Select or specify agent/s used
CMV Prophylaxis: Pre-emptive Strategy	Indicate if recipient was monitored for CMV reactivation e.g. PCR monitoring. See **Guidelines for Completing Allogeneic and 100 Day forms** for more information.
GVHD Prophylaxis	Select all agents that were given. Include anti-thymocyte globulin (ATG etc) and cyclophosphamide if these agents were given after day 0
Were any of the following used to treat or manage disease between diagnosis and transplant? (other than prior transplant/s) • **Prior chemotherapy?** • **Prior radiotherapy?** • **Prior surgery?**	Select Yes/No/Unknown for the following
• **Prior Procedure Detail**	Provide more information regarding disease management if required
Graft Information	
Graft manipulated for CD34+ selection?	Check box if yes
Graft manipulated for T cell depletion?	Check box if yes
Graft manipulated in other way?	Select Yes/No/Unknown. Do not include RBC removal or volume reduction
Have cells been cryopreserved?	Check box if yes
Nucleated cells x 10^8/kg	Ensure reported cell count is in the correct units ($x10^8$/kg)
CD34 cells x 10^6/kg	Ensure reported cell count is in the correct units ($x10^6$/kg)
Unrelated Donor information only	
ABMDR Recipient-ID	Enter ABMDR identification code
Donor-ID	Enter identification code
Registry Country	Select option from dropdown. Contact ANZTCT if the country option is not included in dropdown list

Multiple Donor

2nd Donor Sex	Select item from dropdown list
2nd Donor CMV status	
2nd donor: cell source	
2nd donor: Relationship	
2nd donor: HLA match	Complete allelic section of the table for HLA matching
2nd donor: Donor-ID	Enter identification code

2nd donor: Registry Country	Contact ANZTCT if the country option is not included in dropdown list
2nd donor: nucleated cells x 10^8/kg	Ensure reported cell count is in the correct units ($x10^8$/kg)
2nd donor: CD34 cells x 10^6/kg	Ensure reported cell count is in the correct units ($x10^6$/kg)

100 Day including Engraftment

Survival status	Select alive/dead from dropdown
Survival Status Last Known Date	Enter as dd/mm/YYYY
Primary cause of death	This field appears when "Dead" is selected for **Survival Status** Select item from dropdown list
Transplant related cause (select as many as appropriate)	This field appears when "Transplant related" is selected for Primary Cause of death. Select as many items as appropriate from dropdown list
Cause of death, specify	This text field appears when "Dead" is selected for Survival Status
Engraftment Details	
Neutrophil Engraftment	Select from radio button options
First day of 3 consecutive days	First of three consecutive lab values obtained on different days where ANC ≥0.5 $x10^9$/L
Not achieved, date of last assessment	This field shows if neutrophil engraftment did not occur. Enter latest date in the 100D period
Days to Neutrophil Engraftment	System calculated field
Did graft failure occur?	Includes persistent neutropenia, ANC < 0.5 x 10^9/L and <5% donor chimerism. Select option from dropdown
Platelet Engraftment	Select from radio button options
Date of Engraftment	First of three consecutive lab values obtained on different days where Platelets ≥ 20 $x10^9$/L. No platelet transfusions given seven days prior to dates
Date of last assessment (engraftment not achieved)	This field shows if platelet engraftment did not occur. Enter latest date in the 100D period
Days to Platelet Engraftment	System calculated field
Disease assessment	
Best disease status achieved post-transplant	Select item from dropdown list
Date achieved	This field shows when "Complete remission achieved" is selected
Date of last assessment	This field shows when "Never in complete remission" is selected. i.e. persistent disease after transplant.
First Relapse/Progression Post Transplant	If yes, then following fields show. Specify detection method and dates first detected
Haematological / clinical	Select Y/N
Date assessed	(Date field appears when "Yes" is selected)
Cytogenetic	Select Y/N
Date assessed	(Date field appears when "Yes" is selected)
Molecular	Select Y/N
Date assessed	(Date field appears when "Yes" is selected)

Number of Days to First Relapse/Progression	System calculated field, based on earliest detected relapse date
Did any of the following events occur in the first 100 days post-transplant?	
Interstitial pneumonitis **Date started** **Veno-occlusive disease** **Date started** **Haemorrhagic cystitis** **Date started** **CMV reactivation** **Date started** **CMV disease** **Date started**	Select Y/N from dropdown list for these events (Date fields appear when "Yes" is selected)
Acute Graft versus Host Disease (Allografts only)	
Did patient develop acute GvHD?	If yes, the fields below show:
Date of first incidence of acute GvHD	Enter as dd/mm/YYYY
Days to first incidence of acute GvHD	System calculated field
Maximum grade of acute GvHD	Select 0, I, II, III, IV or grade unknown from dropdown list
Highest stage in organs affected:	
Skin **Liver** **Gut**	Select 0,1,2,3 or 4 from dropdown
Other organ(s): specify	Text field
Donor Cellular Infusion (Allografts only)	
Additional cell therapy given?	If yes, the following fields show:
First infusion date	Enter as dd/mm/YYYY
Cell type	Select item from dropdown list
Indication	Select item from dropdown list

Annual Follow Up Details

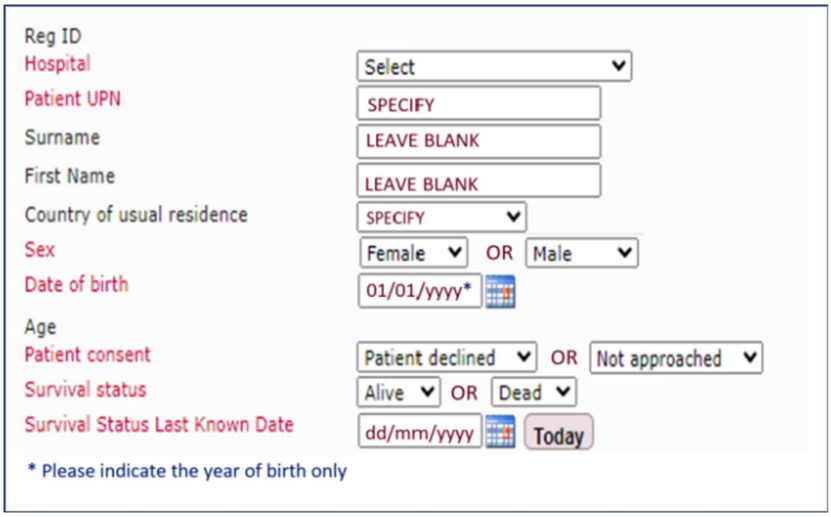
Note: If you are catching up and the last follow up dates back several years, complete the most recent follow up only. The form is designed that you will still be able to report events that occurred regardless of the timing. Exceptions to this will be the Performance status and chronic GvHD (and donor cellular infusion in the first annual follow up only)

Survival status	Select item from dropdown list
Survival Status Last Known Date	Enter as dd/mm/YYYY
Primary cause of death	This field appears when "Dead" is selected for **Survival Status** Select item from dropdown list
Transplant related cause (select as many as appropriate)	This field appears when "Transplant related" is selected for **Primary Cause of death** Select as many items as appropriate from dropdown list
Last known disease status	Select item from dropdown list. Options are: Complete remission, not in complete remission and Not applicable
Date assessed	Enter as dd/mm/YYYY
Best disease status achieved post-transplant	Select item from dropdown list
Date remission achieved	This field shows when select "Complete remission achieved"
Date of last assessment	This field shows when select "Never in complete remission". Ie. persistent disease after transplant.
Did graft failure occur?	Includes persistent neutropenia, ANC < 0.5 x 10^9/L and <5% donor chimerism
First Relapse/Progression Post Transplant	If yes, then the following fields show. Specify detection method and dates first detected
Haematological / clinical	Select Y/N
Date assessed	(Date fields appear when "Yes" is selected)
Cytogenetic	Select Y/N
Date assessed	
Molecular	Select Y/N
Date assessed	
Number of Days to First Relapse/Progression	System calculated field
Did a new malignancy, lymphoproliferative or myeloproliferative disorder occur?	If yes, then following fields show.
Malignancy Date	Enter as dd/mm/YYYY
Malignancy	Select item from dropdown list
Performance status	
Performance status at this year's follow-up (0-100)	Karnofsky or Lansky Score, reflecting patient's performance status closet to the anniversary date of the transplant within the period for that annual follow up.
Performance status, Audit Status	Indicate if score is documented or estimated
Date of assessment	Enter as dd/mm/YYYY
Chronic Graft versus Host Disease (Allografts only)	
Was Chronic GvHD present during this period?	If yes, then following fields show.

Date of first incidence of chronic GvHD	Once only field. Will appear in all follow ups. Once date is saved, it will then become read-only in subsequent follow ups.
Days to first incidence of chronic GvHD	System calculated field
Chronic GvHD Maximum Extent (during this period)	Select item from dropdown list
Organs affected:	
Skin	Select Yes/No/Unknown
liver	
Intestinal tract	
Eyes	
Mouth	
Other organ(s), specify	
<u>Donor Cellular Infusion (Allografts only)</u> **This appears in the first annual follow up only**	
Additional cell therapy given?	If yes, then following fields show.
First infusion date	Enter as dd/mm/YYYY
Cell type	Select item from dropdown list
Indication	Select item from dropdown list

Non-Consented patients

Patients who have not consented to participate with sharing data with the ANZTCT are still required to have their data submitted to the Registry. However, the purpose of its use will be strictly used for centre activity, safety and quality purposes, such as benchmarking. The data will not be used for other projects or research.



Guidelines for entry of data into the mandatory fields (the field headings in red)**:**

Patient Details page

Patient UPN: Enter assigned identifier as per your centre

Sex: Select as appropriate

Date of birth: Enter "01/01/YYYY"

Survival Status: Enter as appropriate

Survival status last known date: Enter date as appropriate

* If consent is obtained at a later date, then the patient's date of birth can be completed and the consent status changed to 'Patient consented'.
The (part) surname and (part) first name fields are non-mandatory and providing this information is dependent on your centre's usual practice.