



## **ASTRO**

**Australasian Stem Cell Transplant Registry  
Online Database**

## **User Guide**

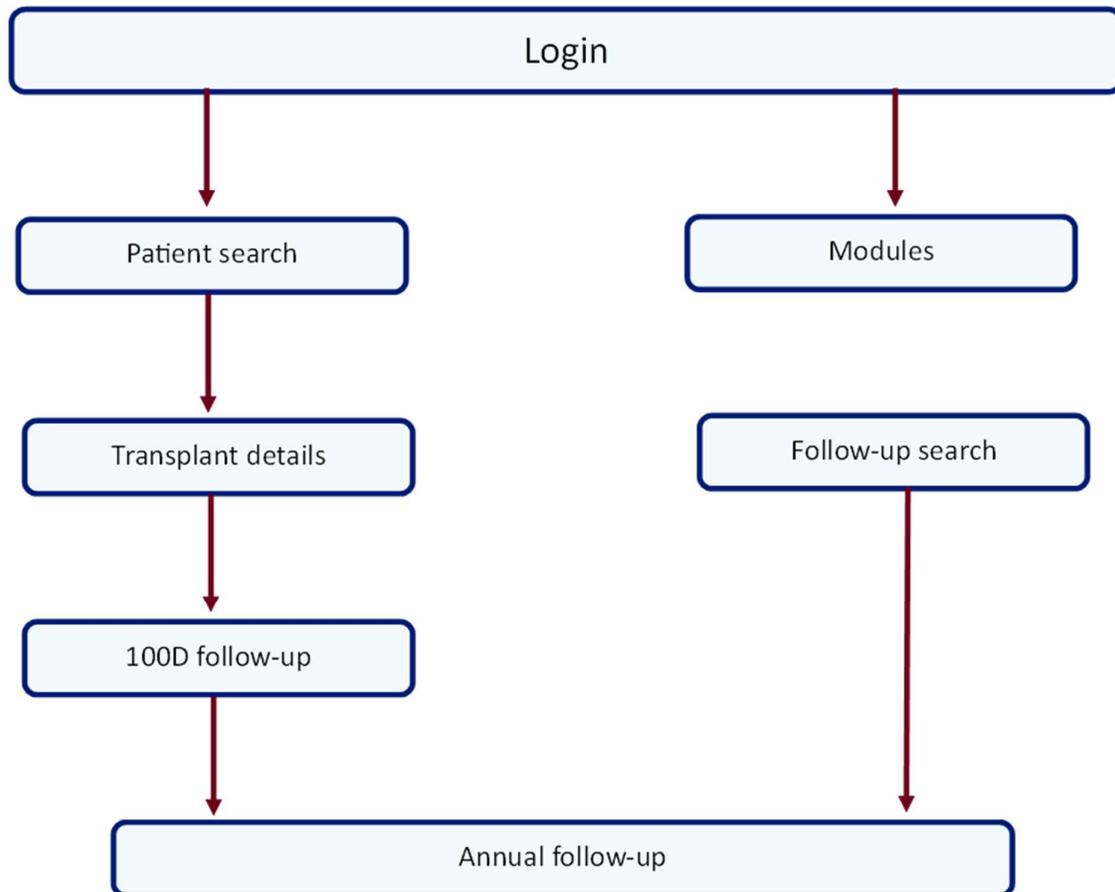
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## Application Structure

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



## ACCESSING THE DATABASE

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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.

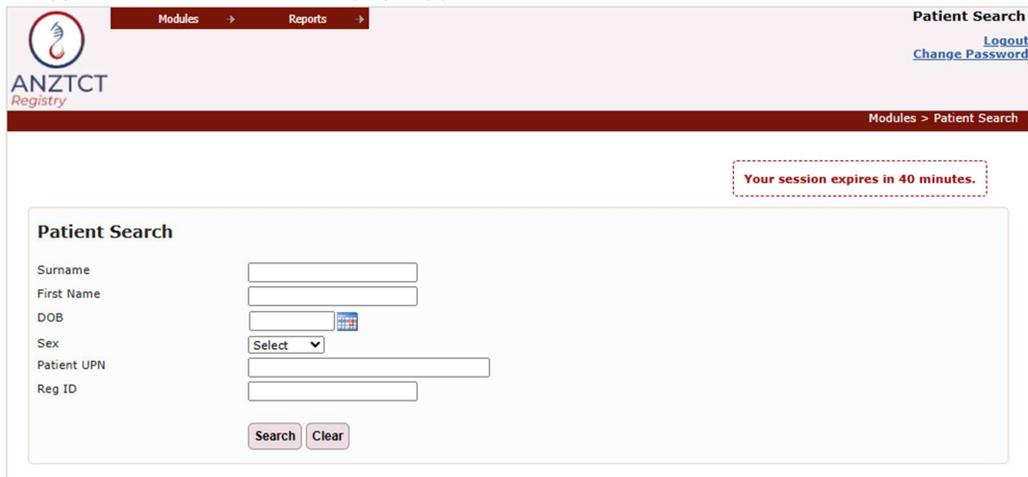
## 1. Logging on



The login form features a 'User Name:' label followed by a text input field, and a 'Password:' label followed by a password input field. Below these fields is a 'Login' button. The ANZTCT Registry logo is centered below the input fields. At the bottom, a footer states 'Developed by DeepYoda <https://deeyoda.com> For ANZTCT.'

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

Once logged in, the Patient Search page appears.



The Patient Search page includes a navigation bar with 'Modules' and 'Reports' links. The ANZTCT Registry logo is on the left, and 'Patient Search' with 'Logout' and 'Change Password' links is on the right. A session expiration warning states 'Your session expires in 40 minutes.' The search form contains fields for Surname, First Name, DOB, Sex (a dropdown menu), Patient UPN, and Reg ID. 'Search' and 'Clear' buttons are at the bottom of the form.

## 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).



The 'Change Password' form is titled 'Change Password' and contains a 'User Name:' label with the value 'jsmith' in the input field. Below are three password input fields labeled 'Password:', 'New Password:', and 'Confirm New Password:'. At the bottom are 'Change Password' and 'Cancel' buttons.

### 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.

ANZTCT Registry

Modules > Reports >

Patient Search

Logout  
Change Password

Modules > Patient Search

Your session expires in 40 minutes.

**Patient Search**

Surname

First Name

DOB

Sex

Patient UPN

Reg ID

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.

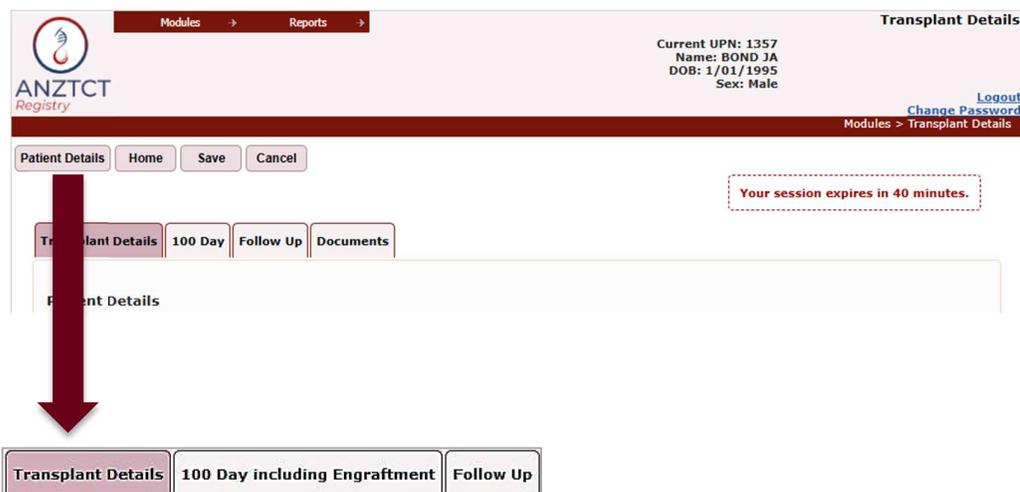
### Follow Up Search Page

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 all 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

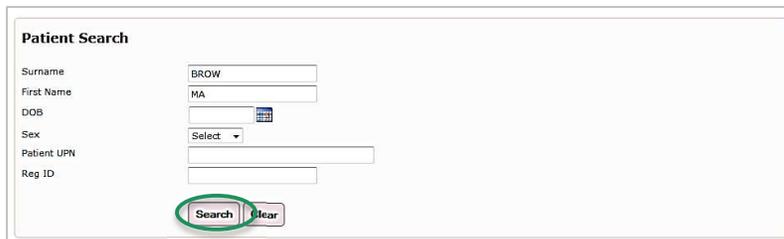
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### 3.1 Creating a transplant for a new patient (never transplanted before)

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

Home Save Cancel Delete  Delete?

### Patient Details

<|| < > ||>

Reg ID 162  
Hospital Hospital A  
Patient UPN 555  
Surname BROW  
First Name MA  
Country of usual residence Australia  
Place of usual residence NSW  
Postcode 2000  
Sex Male  
Date of birth  
Age  
Survival status Alive  
Survival Status Last Known Date 02/04/2013 Today  
Comments

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.

### Patient Details

<|| < > ||>

Reg ID 162  
Hospital Hospital A  
Patient UPN 555  
Surname BROW  
First Name MA  
Country of usual residence Australia  
Place of usual residence NSW  
Postcode 2000  
Sex Male  
Date of birth 01/01/1978  
Age 35  
Survival status Alive  
Survival Status Last Known Date 02/04/2013 Today  
Comments

#### Patient Transplants

**New** hospital Contains Filter Clear  
No records to display

#### New Malignancies

Add Save Delete Cancel  
No records to display

### 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.

**Patient Search**

Surname: MOUS  
First Name:   
DOB:   
Sex: Select  
Patient UPN:   
Reg ID:

**Search** **Clear**

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

**Patient Search Results**

**New Patient** DOB:  Contains:  **Filter** **Clear**

Details	Hospital	Patient UPN	Surname	First Name	DOB	Sex	TP#	TP Date	TP Type	Data Query	Email Admin
<b>Select</b>	Hospital A	222	MOUS	MI	10/10/1968	Male	1	1/01/2000	Autologous *		

**Patient Details**

<|| < > ||>

Reg ID: 135  
Hospital: Hospital A  
Patient UPN: 222  
Surname: MOUS  
First Name: MI  
Country of usual residence: Australia  
Place of usual residence: NSW  
Postcode: 2222  
Sex: Male  
Date of birth: 10/10/1968  
Age: 44  
Survival status: Alive  
Survival Status Last Known Date: 12/03/2013 **Today**

Comments:

**Patient Transplants**

**New** hospital:  Contains:  **Filter** **Clear**

Details	Hospital	Patient UPN	TP Date	TP Type	Survival Days
<b>Select</b>	Hospital A	222	1/01/2000	Autologous	4619

To add a subsequent transplant:

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

Patient Details Home Save Cancel

Your session expires in 39 minutes.

Transplant Details 100 Day Follow Up Documents

**Patient Details**

Transplant ID  
Old AUTO-ID  
Transplant Data Entry Status

Hospital

Patient UPN (for this transplant)

Surname BOND  
First Name JA  
Has the patient's Address Changed?

Country of usual residence

Place of usual residence

Postcode

Sex

Age at transplant  
Date of Birth 1/01/1995

### 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 ANZCTC 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

Patient Transplants

Contains

Details	Hospital	Patient UPN	TP Date	TP Type	Survival Days
<input type="button" value="Select"/>	Hospital B	123	2/07/2005	Autologous	2886
<input type="button" value="Select"/>	Hospital A	232	15/03/2009	Allogeneic	1534

## 4. TRANSPLANT DETAILS

**Transplant Details**

**Patient Details**

Transplant ID  
Old AUTO-ID  
Transplant Data Entry Status

Hospital

Patient UPN (for this transplant)

Surname RABB  
First Name PE  
Country of usual residence Australia  
Place of usual residence NSW  
Postcode 2000  
Sex Male  
Age at transplant  
Date of Birth 1/01/1978

**Transplant Section**

Transplant date  

Transplant type

Transplant Number

If second or subsequent transplant, was previous transplant performed at different centre?  Yes  No

Mobilisation (for autologous recipient or allogeneic donor)

Stem cell source

Were any of the following components of this transplant performed substantially as outpatient procedures?(ie more than half the time)

Conditioning  Yes  No

Infusion  Yes  No

Acute post-transplant care  Yes  No

Comments regarding outpatient component(s)

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:

Transplant Number	2
If second or subsequent transplant, was previous transplant performed at different centre?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
Date of prior transplant (or approximate if unknown)	15/02/2008
Centre where transplant performed	Hosp A
Type of previous transplant	<input checked="" type="radio"/> Autologous <input type="radio"/> Allogeneic <input type="radio"/> Unknown

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

Donor-recipient relation	Select Select Syngeneic HLA identical sibling (incl non-monozygotic twin) HLA matched other relative 1 HLA mismatched relative 2 or more HLA mismatched relative Unrelated
--------------------------	---

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

HLA-Matching	A	B	C	DRB1	DQB1	DPB1
Antigenic	Select	Select	Select	Select	Select	Select
Allelic	Select	Select	Select	Select	Select	Select
	Select matched 1m/m 2m/m not done					

### 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.

**Disease Classification**

Date of diagnosis: 02/02/2002

Main Classification:

WHO Code:

Disease status at transplant:

Disease, additional notes:

Acute Myelogenous Leukaemia (AML)  
 Acute Lymphoblastic Leukaemia (ALL)  
 Other Acute Leukaemia  
 Myelodysplastic Syndrome (MDS)  
 Combined Myelodysplastic/Myeloproliferative Syndrome  
 Myeloproliferative Syndrome (MPS)  
 Chronic Myelogenous Leukaemia  
 Other Leukaemias  
 Hodgkin Lymphoma  
 Non-Hodgkin Lymphoma (NHL)  
 Plasma cell disorder  
 Solid tumours  
 Bone marrow failure syndromes (including anaemias)  
 Haemoglobinopathy  
 Histiocytic disorders  
 Inherited disorders (Disorders of metabolism, Immune deficiencies, Platelet disorders)  
 Autoimmune disorders  
 Other disease

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

**Disease Classification**

Date of diagnosis: 02/02/2002

Main Classification:

Diagnosis:

WHO Code:

Disease status at transplant:

Disease, additional notes:

AML with t(8;21)(q22;q22),(AML1/ETO)  
 AML with abnormal bone marrow eosinophils and inv(16)(p13q22) or t(16;16)(p13;q22) CBF/MYH11  
 APL with t(15;17)(q22;q12),(PML/RARa)and variants (M3)  
 AML with 11q23(MLL) abnormalities  
**AML with multilineage dysplasia (myelodysplasia-related changes)**  
 AML, minimally differentiated (M0)  
 AML without maturation (M1)  
 AML with maturation (M2)  
 Acute myelomonocytic leukaemia (M4)  
 Acute monoblastic/ acute monocytic leukaemia (M5)  
 Acute erythroid leukaemia (erythroid/myeloid and pure erythroleukemia) (M6)  
 Acute megakaryoblastic leukaemia (M7)  
 Acute basophilic leukaemia  
 Acute panmyelosis with myelofibrosis  
 Myeloid sarcoma  
 AML, not otherwise specified  
 Other, specify  
 Therapy related (to prior exposure of drugs/radiation)

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

Was disease related to prior exposure to therapeutics drugs/radiation?  Yes  No  Unknown

- Main Classification = Acute Myelogenous Leukaemia

AML transformed from MDS/MPD:

Date of MDS Diagnosis:

MDS/MPD classification:

Disease status at transplant of MDS/MPD:

Number of CR/Relapse of MDS/MPD:

- Main Classification = Lymphoma

Transformed from another type of lymphoma:  Yes  No  Unknown

Lymphoma Histology at Diagnosis:

- Diagnosis = Myeloma

Light Chain Type	Select
Stage at Diagnosis	Select
Classification System used	Select

- Main Classification = Autoimmune disorders

Organs involved/clinical problems	
Primary Reasons for Transplant	
Antibodies Studied	

(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:

Select
Select
Complete remission
Relapse
Primary induction failure
Never treated

Select
Select
Complete remission (CR)
Never treated
PR
Progression
Relapse from CR (untreated)
Stable disease
Stringent complete remission (sCR)
Very good partial response (VGPR)

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

Complete remission (CR)
Select
Select
1st
2nd
3rd or higher

Extra remission fields appear for acute leukaemias and chronic myelogenous leukaemia

Disease status at transplant	Complete Remission
Number of CR,PR,Relapse or CP	1st
Cytogenetic Remission?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
Molecular Remission?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown

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

Sensitivity to Chemotherapy	Select
	Select
	Sensitive
	Resistant
	Untreated
	Unknown

### 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

<input type="checkbox"/> No conditioning given	<input type="checkbox"/> Fludarabine
<input type="checkbox"/> ALG, ALS, ATG, ATS (before d0)	<input type="checkbox"/> Gemtuzumab
<input type="radio"/> Horse	<input type="checkbox"/> Ifosfamide
<input type="radio"/> Rabbit	<input type="checkbox"/> Lomustine (CCNU)
<input type="radio"/> Other, specify	<input type="checkbox"/> Melphalan
<input type="checkbox"/> Busulphan	<input type="radio"/> ≤140mg/m <sup>2</sup>
<input type="radio"/> intravenous	<input type="radio"/> >140mg/m <sup>2</sup>
<input type="radio"/> oral	<input type="checkbox"/> Radiolabelled MAb
<input checked="" type="checkbox"/> Campath	<input type="checkbox"/> Rituximab
<input type="checkbox"/> Carboplatin	<input type="checkbox"/> Tenoposide
<input type="checkbox"/> Carmustine (BCNU)	<input type="checkbox"/> TBI
<input type="checkbox"/> Cisplatin	<input type="radio"/> ≤500cGy single dose/ ≤800cGy fractionated
<input type="checkbox"/> Corticosteroids	<input type="radio"/> >500cGy single dose/>800cGy fractionated
<input type="checkbox"/> Cyclophosphamide	<input type="checkbox"/> TLI, TNI, TAI
<input type="checkbox"/> Cytarabine (Ara-C)	<input type="checkbox"/> Thiotepa
<input type="checkbox"/> Etoposide (VP16)	<input type="checkbox"/> Tyrosine Kinase Inhibitor
	<input type="checkbox"/> Other, specify

## 4.5 Allogeneic transplant

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

**ALLOGENEIC TRANSPLANT**

Multiple Donors?

Donor sex

Donor age

Recipient Performance status prior transplant

Recipient CMV status

Donor CMV status

CMV Prophylaxis  None  Ganciclovir  Other Specify

CMV Prophylaxis: Pre-emptive Strategy  Yes  No  Unknown

GVHD Prophylaxis

<input type="checkbox"/> None given	<input type="checkbox"/> Cyclosporin
<input type="checkbox"/> ALG,ALS,ATG,ATS(after d0)	<input type="checkbox"/> FK506 (Tacrolimus, Prograf)
<input type="checkbox"/> Campath	<input type="checkbox"/> Methotrexate
<input type="checkbox"/> Corticosteroids	<input type="checkbox"/> Mycophenolate
<input type="checkbox"/> Cyclophosphamide (after d0)	<input type="checkbox"/> Sirolimus
<input type="checkbox"/> Other, specify	

**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

**Graft Information**

Graft manipulated for CD34+ selection?

Graft manipulated for T cell depletion?

Graft manipulated in other way?  
(other than RBC removal or volume reduction)  Yes  No  Unknown

Have cells been cryopreserved?

Nucleated cells x 10<sup>8</sup>/kg

CD34 cells x 10<sup>6</sup>/kg

Complete the section below for unrelated donors:

**Unrelated Donor information only**

ABMDR Recipient-ID

Donor-ID

Registry Country

## 4.6 Multiple donors

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

**Multiple Donor Section**

2nd Donor Sex

2nd Donor CMV status

2nd donor: cell source

2nd donor: Relationship

2nd donor: HLA match

	A	B	C	DRB1	DQB1	DPB1
Antigenic	<input type="text" value="Select"/>					
Allelic	<input type="text" value="Select"/>					

2nd donor: Donor-ID

2nd donor: Registry Country

2nd donor: nucleated cells x 10<sup>8</sup>/kg

2nd donor: CD34 cells x 10<sup>6</sup>/kg

## 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.

100 Day including Engraftment	
Survival status	Alive
Survival Status Last Known Date	11/12/2012
<b>Engraftment Details</b>	
Neutrophil Engraftment	<input checked="" type="radio"/> ANC $\geq 0.5 \times 10^9/L$ <input type="radio"/> not achieved <input type="radio"/> never below $0.5 \times 10^9/L$ <input type="radio"/> Unknown
First day of 3 consecutive days	24/10/2008
Days to Neutrophil Engraftment	14
Did graft failure occur?	No
Platelet Engraftment	<input checked="" type="radio"/> Platelets $\geq 20 \times 10^9/L$ <input type="radio"/> not achieved <input type="radio"/> never below $20 \times 10^9/L$ <input type="radio"/> Unknown
Date of Engraftment	30/10/2008
Days to Platelet Engraftment	20

#### 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

Disease Assessment	
Best disease status achieved post transplant	Continued complete remission

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

Disease Assessment	
Best disease status achieved post transplant	Complete remission achieved ▾
Date achieved	11/12/2008
First Relapse/Progression Post Transplant	No ▾
If no, date last assessed	05/02/2008

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.

Disease Assessment	
Best disease status achieved post transplant	Complete remission achieved ▾
Date achieved	11/12/2008
First Relapse/Progression Post Transplant:	Yes ▾
If no, date last assessed	<input type="text"/>
If yes:	
Haematological / clinical	Yes ▾
Date assessed	11/02/2009
Cytogenetic	Yes ▾
Date assessed	06/02/2009
Molecular	Yes ▾
Date assessed	06/02/2009
Number of Days to First Relapse/Progression	87

### 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.

Did any of the following events occur in the first 100 days post transplant?	
Interstitial pneumonitis	Yes ▾
Date started	<input type="text"/>
Veno-occlusive disease	Yes ▾
Date started	<input type="text"/>
Haemorrhagic cystitis	Select ▾
CMV reactivation	Select ▾
CMV disease	Select ▾

Data fields for allogeneic transplants:

### 5.1.4 Acute graft versus host disease

### 5.1.5 Donor cellular infusion

<b>Acute Graft versus Host Disease (Allografts only)</b>	
Did patient develop acute GVHD?	Select ▾
<b>Donor Cellular Infusion (Allografts only)</b>	
Additional cell therapy given?	Select ▾

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

**Acute Graft versus Host Disease (Allografts only)**

Did patient develop acute GvHD?

Date of first incidence of acute GvHD

Days to first incidence of acute GvHD

Maximum grade of acute GvHD

Highest stage in organs affected:

skin

liver

gut

Other organ(s): specify

**Donor Cellular Infusion (Allografts only)**

Additional cell therapy given?

First infusion date

Cell type

Indication

## 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

**Follow Up List**

Date due  Contains

Select	Description	Date due	Status
Select	1st Annual Followup	23/05/2009	Reported
Select	2nd Annual Followup	23/05/2010	Reported
Select	3rd Annual Followup	23/05/2011	Reported
Select	4th Annual Followup	23/05/2012	Reported
Select	5th Annual Followup	23/05/2013	
Select	6th Annual Followup	23/05/2014	

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

**Annual Follow Up Details**

1st Annual Followup

Survival status: Alive

Survival Status Last Known Date: 19/04/2013

Last known disease status: Complete remission

Date assessed: 19/04/2013

**Best disease status achieved post transplant**

Best disease status achieved post transplant: Continued complete remission

Did graft failure occur?: No

**First Relapse/Progression Post Transplant**

First Relapse/Progression Post Transplant: Yes

If no, date last assessed:

If yes:

- Haematological / clinical: Yes
- Date assessed: 26/08/2008
- Cytogenetic: Yes
- Date assessed: 01/08/2008
- Molecular: Yes
- Date assessed: 01/08/2008

Number of Days to First Relapse/Progression: 70

### 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

**Best disease status achieved post transplant**

Best disease status achieved post transplant: Continued complete remission

Did graft failure occur?:

Continued complete remission

Select

**Continued complete remission**

Complete remission achieved

Never in complete remission

Not evaluated

### 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*:

**First Relapse/Progression Post Transplant**

First Relapse/Progression Post Transplant: No

If no, date last assessed: 06/08/2010

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:

### Annual Follow Up Details

1st Annual Followup

Survival status	Alive <input type="text"/>
Survival Status Last Known Date	16/06/2025 <input type="text"/> Today
Last known disease status	Complete remission <input type="text"/>
Date assessed	17/11/2025 <input type="text"/> Today

#### Best disease status achieved post transplant

Best disease status achieved post transplant (prior to treatment modification)	Continued complete remission <input type="text"/>
Did graft failure occur?	No <input type="text"/>

#### First Relapse/Progression Post Transplant

First Relapse/Progression Post Transplant	No <input type="text"/>
If no, date last assessed	<input type="text"/>

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

#### First Relapse/Progression Post Transplant

First Relapse/Progression Post Transplant	Yes <input type="text"/>
haematological / clinical	Yes <input type="text"/>
cytogenetic	11/12/2012 <input type="text"/>
molecular	Yes <input type="text"/>
	25/11/2012 <input type="text"/>
	Yes <input type="text"/>
	25/11/2012 <input type="text"/>
Number of Days to First Relapse/Progression	1507

**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.

**New Malignancies**

No records to display

**Add** **Save** **Delete** **Cancel**

Or:

Did a new malignancy, lymphoproliferative or myeloproliferative disorder occur?  Yes  No Add details of new malignancy to table below

**New Malignancies**

**Save & Add** **Save** **Delete** **Cancel**

Malignancy Date	Malignancy	Comment	Delete?
20/02/2010	Basal cell carcinoma		<input type="checkbox"/>
25/12/2011	Squamous cell carcinoma		<input type="checkbox"/>

## 5.4 Performance Status

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

**Performance Status**

Performance Status at this year’s follow-up (Karnofsky/Lansky)

Audit Status  Estimated  Documented

Date of assessment

### 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. 2<sup>nd</sup> 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.

**Chronic Graft versus Host Disease (Allografts only)**

Was Chronic GvHD present during this period? Yes

Date of first incidence of chronic GvHD 10/03/2009

Days to first incidence of chronic GvHD 151

Chronic GvHD Maximum Extent (during this period) Extensive

Organs affected:

skin Yes

liver Yes

intestinal tract No

eyes Yes

mouth No

Other organ(s): specify lungs

### 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”

**Donor Cellular Infusion (Allografts only)**

Additional cell therapy given? Yes

First infusion date 10/06/2009 Today

Cell type Lymphocytes

Indication Loss/decrease chimerism

### 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.

Survival status Alive

Survival Status Last Known Date 19/04/2013

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

Survival status Dead

Survival Status Last Known Date 01/02/2011 Today

Primary cause of death

- Select
- Select
- Relapse/Progression/ Persistent disease
- Transplant related
- New malignancy
- Other
- Unknown

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)	<input type="checkbox"/> GVHD <input type="checkbox"/> Cardiac toxicity <input type="checkbox"/> Infection <input type="checkbox"/> Pulmonary toxicity <input type="checkbox"/> Rejection/ Poor graft function <input type="checkbox"/> VOD <input type="checkbox"/> Other
Last known disease status	Complete remission
Date assessed	19/04/2013  <input type="button" value="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:

**Patient Transplants**

New  Contains

Details	Hospital	Patient UPN	TP Date	TP Type	Survival Days
Select	Hospital A	abcd	16/08/2025	autologous	137

**New Malignancies**

No records to display

**Hospitals Associated with the Patient**

Hospital	Start Date	End Date	Delete?
Hospital A	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

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:

**Patient Details**

<| | >| |

Reg ID: 135  
 Hospital: Hospital A  
 Patient UPN: 222  
 Surname: MOUS  
 First Name: MI  
 Country of usual residence: Australia  
 Place of usual residence: NSW  
 Postcode: 2222  
 Sex: Male  
 Date of birth: 10/10/1968  
 Age: 44  
 Survival status: Alive  
 Survival Status Last Known Date: 12/03/2013   
 Comments:

**Patient Transplants**

New  Contains

Details	Hospital	Patient UPN	TP Date	TP Type	Survival Days
Select	Hospital B	3	14/08/2008	Autologous	1671
Select	Hospital A	43	6/05/2010	Allogeneic	1041

## 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

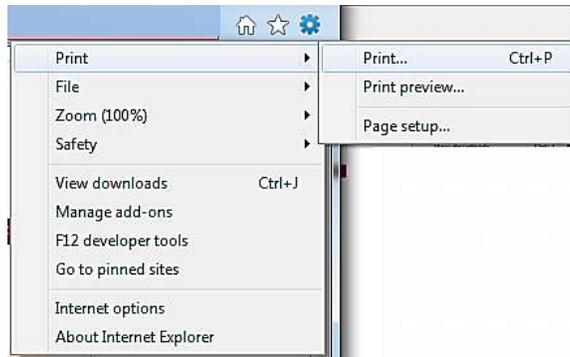
Data queries from ANZTCT are indicated by a red asterisk in the Patient Search Results.

This may involve missing data or where the data provided does not comply within the validation checks.

Patient Search Results											
New Patient		DOB		Contains		Filter		Clear			
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		

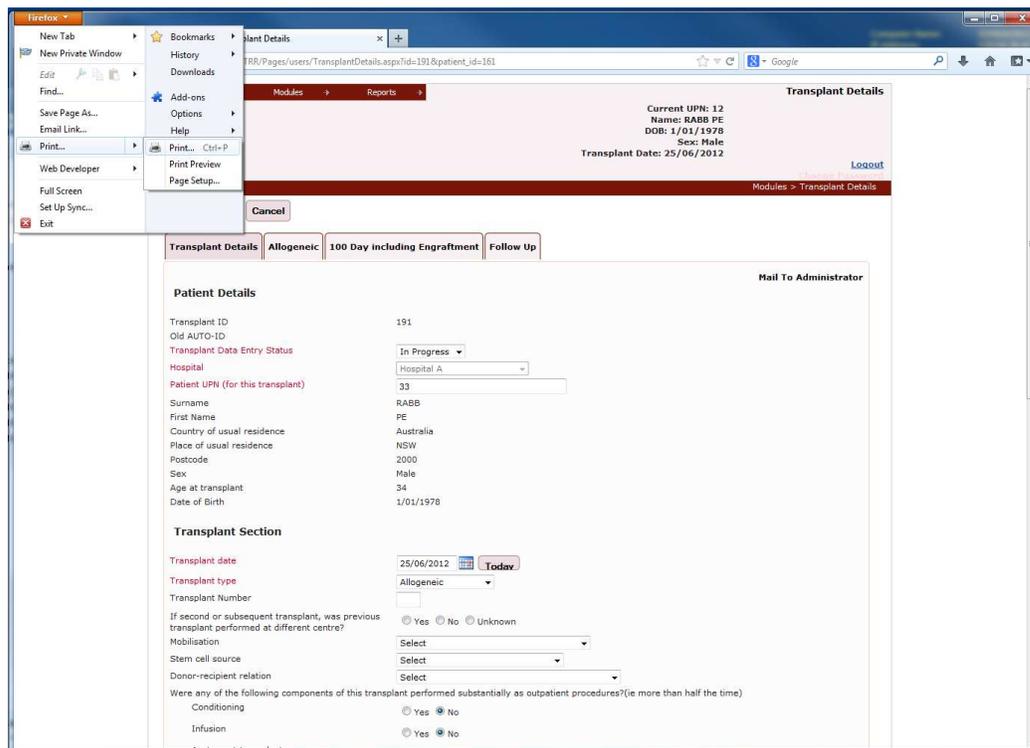
## Printing Forms

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.

The screenshot shows a web form with several tabs: **Transplant Details**, **Allogeneic**, **Multiple Donor**, **100 Day including Engraftment**, and **Follow Up**. The **Transplant Details** tab is active. Under the heading **Patient Details**, the following information is displayed:

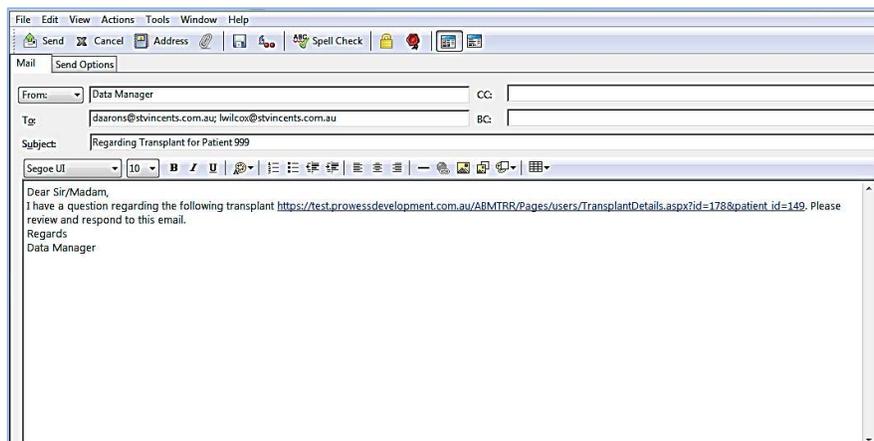
Transplant ID	178
Old AUTO-ID	
Transplant Data Entry Status	In Progress
Hospital	Hospital A
Patient UPN (for this transplant)	999
Surname	SMIT
First Name	BA
Country of usual residence	Australia
Place of usual residence	NSW
Postcode	2222
Sex	Male
Age at transplant	28
Date of Birth	4/08/1978

Under the heading **Transplant Section**, the following information is displayed:

Transplant date	05/06/2007
Transplant type	Allogeneic

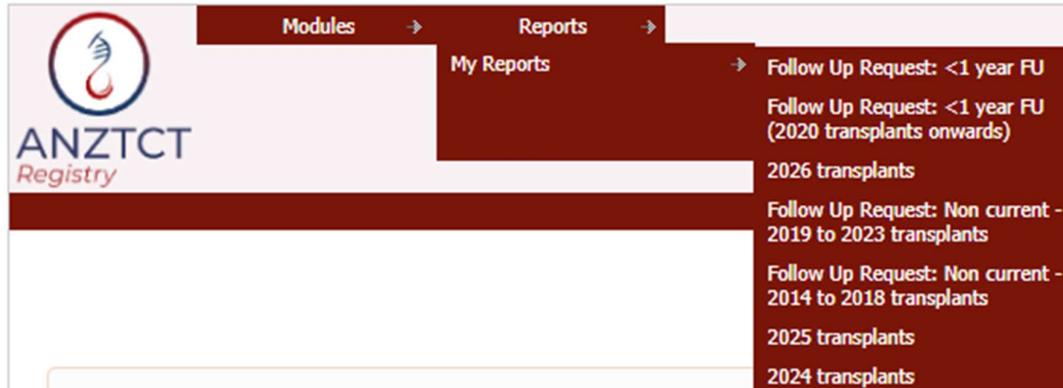
A button labeled **Mail to Administrator** is located in the top right corner of the form, circled in red.

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.

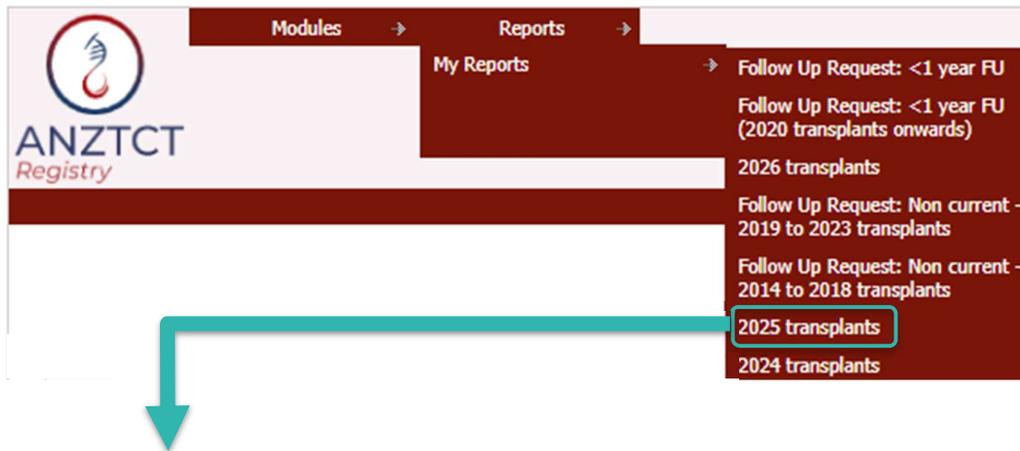


## RUNNING REPORTS

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

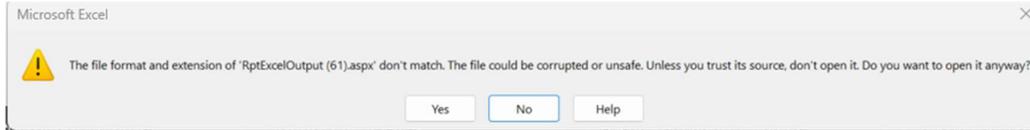
Open in Excel Print

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
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:

A	B	C	D	E	F	G	H	I	J	K	L	M
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.

Patient Transplants					
Details	Hospital	Patient UPN	TP Date	TP Type	Survival Days
Select	Hospital A	999	5/06/2007	Allogeneic	2093

### Disease free Days

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

First Relapse/Progression Post Transplant	Yes
haematological / clinical	Yes
cytogenetic	24/09/2010
molecular	Yes
	16/07/2010
Number of Days to First Relapse/Progression	No
	853

## 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	Enter as dd/mm/YYYY
Primary cause of death	This field appears when "Dead" is selected for <b>Survival Status</b> Select item from dropdown list
Transplant related cause (select as many as appropriate)	This field appears when "Transplant related" is selected for <b>Primary Cause of death</b> Select as many items as appropriate from dropdown list
Cause of death, specify.	This text field appears when "Dead" is selected for Survival Status
Comments	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.)

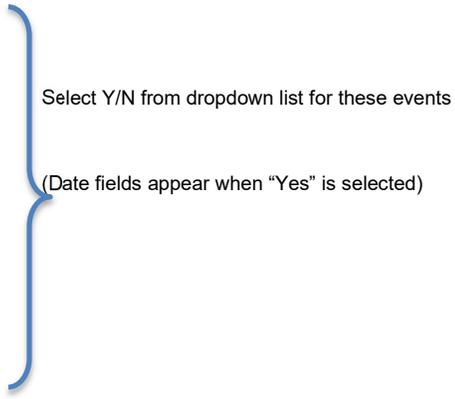
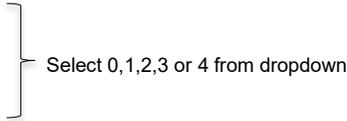
Transplant Details	
Transplant Data Entry Status	Select "Complete" once all fields on the Transplant page (and, if relevant, the Allogeneic and Multiple donor pages) are completed. This ensures no accidental deletion of data.
Patient UPN (for this transplant)	The Unique Patient Number assigned to each 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

<b>Transplant Number</b>	Chronological number of transplants
<b>If second or subsequent transplant, was previous transplant performed at different centre?</b>	If "Yes", the following fields will appear:
<ul style="list-style-type: none"> <li>• <b>Date of prior transplant (or approximate if unknown)</b></li> <li>• <b>Centre where transplant performed</b></li> <li>• <b>Type of previous transplant</b></li> </ul>	
<b>Autologous staged infusion dates:</b> <ul style="list-style-type: none"> <li>• <b>2nd infusion date</b></li> <li>• <b>3rd infusion date</b></li> <li>• <b>4th infusion date</b></li> </ul>	Enter dates where applicable. Autologous staged transplants involve 2 or more planned infusions at set intervals
<b>Mobilisation</b>	Indicate if any agent/s were given to mobilise cells for collection
<b>Stem cell source</b>	Select item from dropdown list
<b>Donor-recipient relation</b>	Select item from dropdown list
<b>Haploidentical?</b>	Check box if donor is known to be haploidentical
<b>Specify relation</b>	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
<b>HLA-Matching</b>	Complete table for HLA matching, includes antigenic and allelic
<b>Were any of the following components of this transplant performed substantially as outpatient procedures? (i.e. more than half the time)</b> <ul style="list-style-type: none"> <li>• <b>Conditioning</b></li> <li>• <b>Infusion</b></li> <li>• <b>Acute post-transplant care</b></li> </ul>	} Select Yes/No for the following
<b><u>Disease Classification</u></b>	Refer to <b>Guidelines for completing Registration Form</b> for this section
<b>Date of diagnosis</b>	If only month and year known, enter "15 <sup>th</sup> " as day  If only year known, enter 30/06 as day and month
<b>Main Classification</b>	Select from dropdown.
<b>Sub classification</b>	This only appears when the disease in the main classification is divided into groups before the diagnosis selection
<b>Diagnosis</b>	Select option from dropdown. If "other" is selected, please specify the diagnosis in the text field provided
<b>WHO Code</b>	Enter WHO disease classification code if known
<b>Disease status at transplant</b>	Refer to <b>Guidelines for completing Registration Form</b> for this field
<b>Disease, additional notes</b>	Extra information regarding the diagnosis may be entered here.
<b><u>Preparative Regimen</u></b>	
<b>Was conditioning preparation intended to be myeloablative?</b>	Complete for allogeneic transplants only
<b>Pre-transplant conditioning</b>	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)
<b>Allogeneic Transplant</b>	

<b>Multiple Donors?</b>	Check box if more than one donor
<b>Donor sex</b>	Select option from dropdown
<b>Female donor, number of pregnancies</b>	Shows when "Female" is selected for "Donor Sex" If unknown, enter "99"
<b>Donor age</b>	Enter a number Enter "0" if cell source is cord blood
<b>Recipient Performance status prior transplant</b>	Select a Karnofsky or Lansky Score from the dropdown
<b>Recipient CMV status</b>	Select option from dropdown
<b>Donor CMV status</b>	Select option from dropdown
<b>CMV Prophylaxis</b>	Select or specify agent/s used
<b>CMV Prophylaxis: Pre-emptive Strategy</b>	Indicate if recipient was monitored for CMV reactivation e.g. PCR monitoring. See <b>Guidelines for Completing Allogeneic and 100 Day forms</b> for more information.
<b>GVHD Prophylaxis</b>	Select all agents that were given. Include anti-thymocyte globulin (ATG etc) and cyclophosphamide if these agents were given after day 0
<b>Were any of the following used to treat or manage disease between diagnosis and transplant? (other than prior transplant/s)</b>	Select Yes/No/Unknown for the following
<ul style="list-style-type: none"> <li>• Prior chemotherapy?</li> <li>• Prior radiotherapy?</li> <li>• Prior surgery?</li> </ul>	
<ul style="list-style-type: none"> <li>• Prior Procedure Detail</li> </ul>	Provide more information regarding disease management if required
<b>Graft Information</b>	
<b>Graft manipulated for CD34+ selection?</b>	Check box if yes
<b>Graft manipulated for T cell depletion?</b>	Check box if yes
<b>Graft manipulated in other way?</b>	Select Yes/No/Unknown. Do not include RBC removal or volume reduction
<b>Have cells been cryopreserved?</b>	Check box if yes
<b>Nucleated cells x 10<sup>8</sup>/kg</b>	Ensure reported cell count is in the correct units (x10 <sup>8</sup> /kg)
<b>CD34 cells x 10<sup>6</sup>/kg</b>	Ensure reported cell count is in the correct units (x10 <sup>6</sup> /kg)
<b>Unrelated Donor information only</b>	
<b>ABMDR Recipient-ID</b>	Enter ABMDR identification code
<b>Donor-ID</b>	Enter identification code
<b>Registry Country</b>	Select option from dropdown. <a href="#">Contact ANZTCT</a> if the country option is not included in dropdown list

<b>Multiple Donor</b>	
<b>2nd Donor Sex</b>	
<b>2nd Donor CMV status</b>	
<b>2nd donor: cell source</b>	
<b>2nd donor: Relationship</b>	
<b>2nd donor: HLA match</b>	Complete allelic section of the table for HLA matching
<b>2nd donor: Donor-ID</b>	Enter identification code

<b>2nd donor: Registry Country</b>	<a href="#">Contact ANZTCT</a> if the country option is not included in dropdown list
<b>2nd donor: nucleated cells x 10<sup>8</sup>/kg</b>	Ensure reported cell count is in the correct units (x10 <sup>8</sup> /kg)
<b>2nd donor: CD34 cells x 10<sup>6</sup>/kg</b>	Ensure reported cell count is in the correct units (x10 <sup>6</sup> /kg)
<b>100 Day including Engraftment</b>	
<b>Survival status</b>	Select alive/dead from dropdown
<b>Survival Status Last Known Date</b>	Enter as dd/mm/YYYY
<b>Primary cause of death</b>	This field appears when "Dead" is selected for <b>Survival Status</b> Select item from dropdown list
<b>Transplant related cause (select as many as appropriate)</b>	This field appears when "Transplant related" is selected for Primary Cause of death. Select as many items as appropriate from dropdown list
<b>Cause of death, specify</b>	This text field appears when "Dead" is selected for Survival Status
<b>Engraftment Details</b>	
<b>Neutrophil Engraftment</b>	Select from radio button options
<b>First day of 3 consecutive days</b>	First of three consecutive lab values obtained on different days where ANC ≥0.5 x10 <sup>9</sup> /L
<b>Not achieved, date of last assessment</b>	This field shows if neutrophil engraftment did not occur. Enter latest date in the 100D period
<b>Days to Neutrophil Engraftment</b>	System calculated field
<b>Did graft failure occur?</b>	Includes persistent neutropenia, ANC < 0.5 x 10 <sup>9</sup> /L and <5% donor chimerism. Select option from dropdown
<b>Platelet Engraftment</b>	Select from radio button options
<b>Date of Engraftment</b>	First of three consecutive lab values obtained on different days where Platelets ≥ 20 x10 <sup>9</sup> /L. No platelet transfusions given seven days prior to dates
<b>Date of last assessment (engraftment not achieved)</b>	This field shows if platelet engraftment did not occur. Enter latest date in the 100D period
<b>Days to Platelet Engraftment</b>	System calculated field
<b>Disease assessment</b>	
<b>Best disease status achieved post-transplant</b>	Select item from dropdown list
<b>Date achieved</b>	This field shows when "Complete remission achieved" is selected
<b>Date of last assessment</b>	This field shows when "Never in complete remission" is selected. i.e. persistent disease after transplant.
<b>First Relapse/Progression Post Transplant</b>	If yes, then following fields show. Specify detection method and dates first detected
<b>Haematological / clinical</b>	Select Y/N
<b>Date assessed</b>	(Date field appears when "Yes" is selected)
<b>Cytogenetic</b>	Select Y/N
<b>Date assessed</b>	(Date field appears when "Yes" is selected)
<b>Molecular</b>	Select Y/N
<b>Date assessed</b>	(Date field appears when "Yes" is selected)

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

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

<p><b>Date of first incidence of chronic GvHD</b></p> <p><b>Days to first incidence of chronic GvHD</b></p> <p><b>Chronic GvHD Maximum Extent (during this period)</b></p> <p><b>Organs affected:</b></p> <ul style="list-style-type: none"> <li>Skin</li> <li>liver</li> <li>Intestinal tract</li> <li>Eyes</li> <li>Mouth</li> <li>Other organ(s), specify</li> </ul>	<p>Once only field. Will appear in all follow ups. Once date is saved, it will then become read-only in subsequent follow ups.</p> <p>System calculated field</p> <p>Select item from dropdown list</p> <p>Select Yes/No/Unknown</p>
<p><b>Donor Cellular Infusion (Allografts only)</b> This appears in the first annual follow up only</p>	
<p><b>Additional cell therapy given?</b></p>	<p>If yes, then following fields show.</p>
<ul style="list-style-type: none"> <li><b>First infusion date</b></li> <li><b>Cell type</b></li> <li><b>Indication</b></li> </ul>	<ul style="list-style-type: none"> <li>Enter as dd/mm/YYYY</li> <li>Select item from dropdown list</li> <li>Select item from dropdown list</li> </ul>

## 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.

Reg ID	
Hospital	Select
Patient UPN	SPECIFY
Surname	LEAVE BLANK
First Name	LEAVE BLANK
Country of usual residence	SPECIFY
Sex	Female OR Male
Date of birth	01/01/yyyy*
Age	
Patient consent	Patient declined OR Not approached
Survival status	Alive OR Dead
Survival Status Last Known Date	dd/mm/yyyy Today

\* Please indicate the year of birth only

**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.