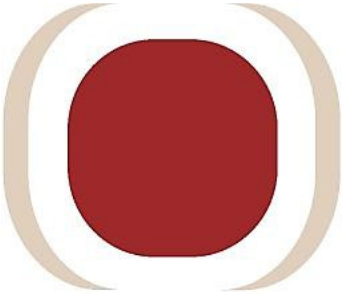

ABMTRR
Australasian
Bone Marrow Transplant
Recipient Registry

ASTRO

Australasian Stem Cell Transplant Registry
Online Database

User Guide

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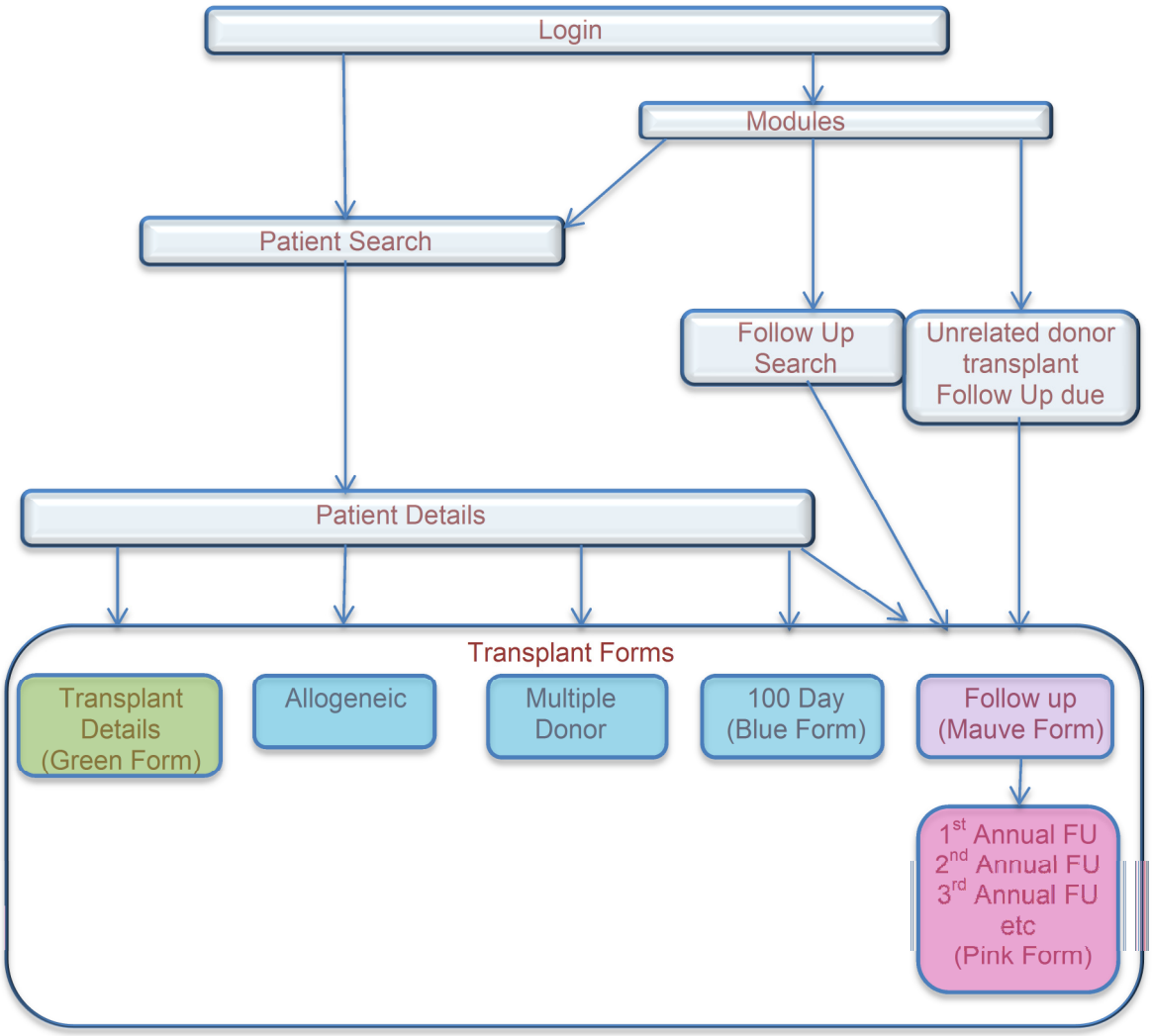
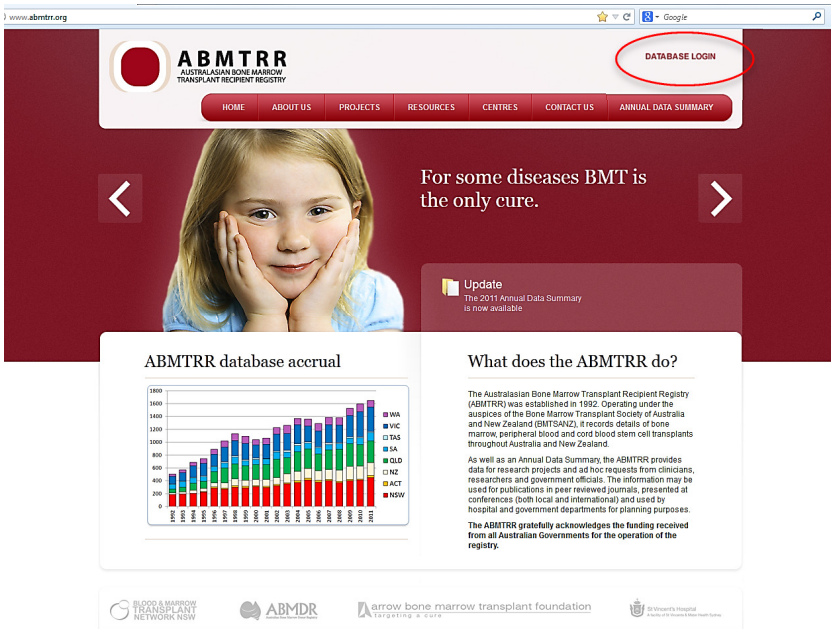
Application Structure



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

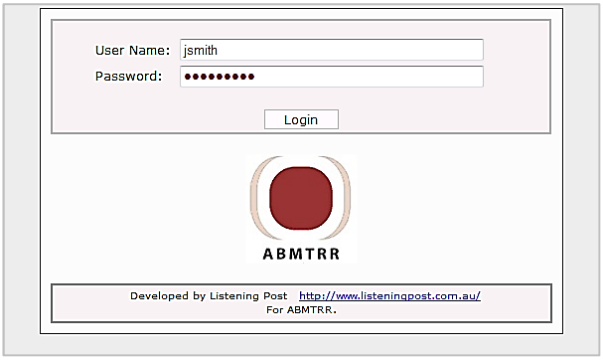
ACCESSING THE DATABASE

Haematopoietic stem cell transplants can be registered with ABMTRR using the online database.
The ABMTRR Database is located at: www.abmtrr.org



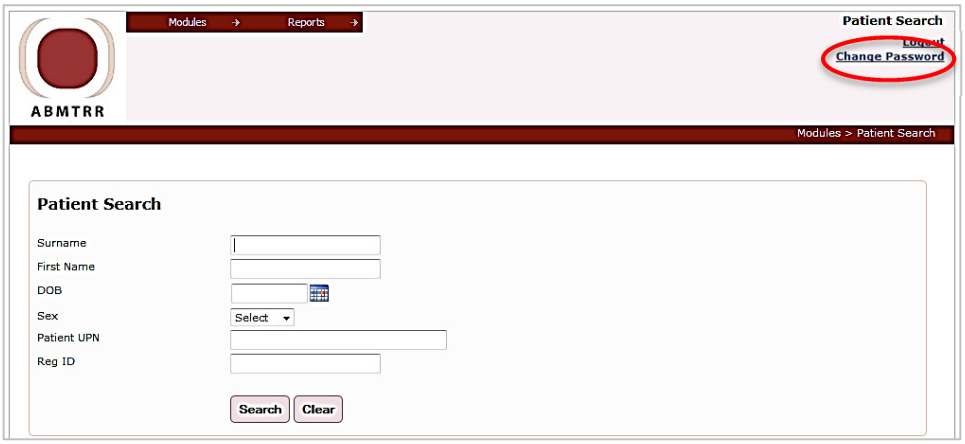
Authorised users will be assigned a unique login and temporary password from the ABMTRR administrator. Users should change their password when they first enter the database. The login and password should remain confidential.

1. Logging on



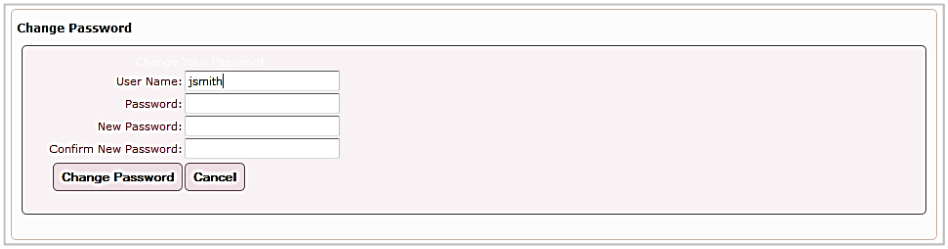
1. Enter the login and password where indicated
2. Select 'Login'
3. Successful login with take you to the 'Patient Search' page.
4. Contact the ABMTRR administrator if you cannot login using the login and password provided to you.

Once logged in, the Patient Search page appears.



2. Changing your password

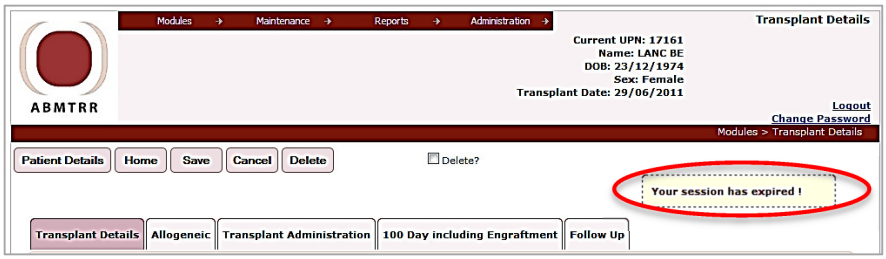
Select 'Change Password' located at the top right of the "Patient Search" page. Complete with a new password which should consist of at least 8 characters (include a combination of letters and numbers).



3. Logging off

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

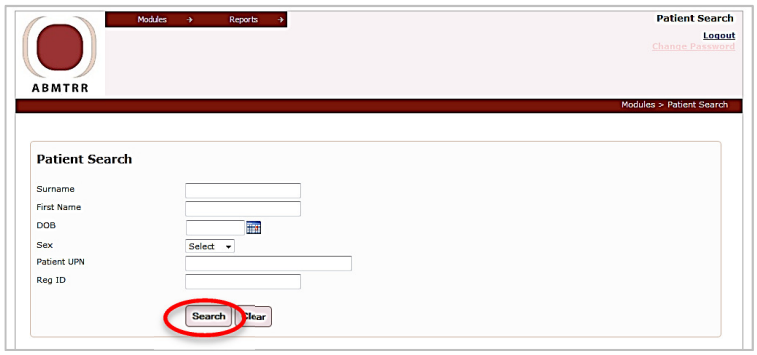
Note: the application will time out if the database has not been used after 20 minutes. **"Your session has expired"** will show. **Any input of data will not be saved after this has occurred.** Attempts to save, refresh or navigate away from current page will redirect you back to the login page. Logging 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.
From the search list, the user may select a patient record to view or add updated information.

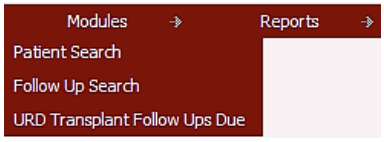


Details	Hospital	Patient UPN	Surname	First Name	DOB	Sex	TP#	TP Date	TP Type	Data Query	Email Admin
Select	Hospital A	222	MOUS	MI	10/10/1968	Male	1	1/01/2000	Autologous	*	
Select	Hospital A	123	GLOO	AU	15/04/1959	Male	1	2/07/2005	Autologous		
Select	Hospital A	999	SMIT	BA	4/08/1978	Male	1	5/06/2007	Allogeneic		
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		

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

1.1 Navigation by modules

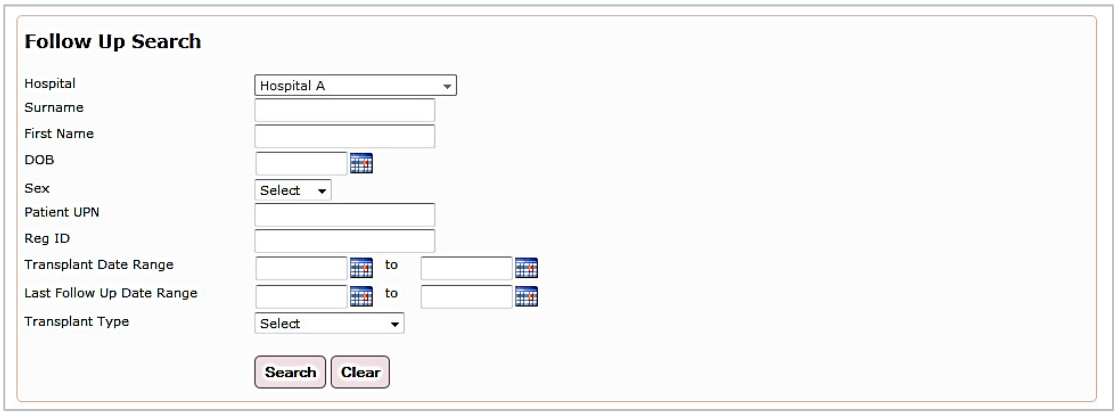
Using the Modules dropdown, located at the top of the screen, options will direct you to:



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.

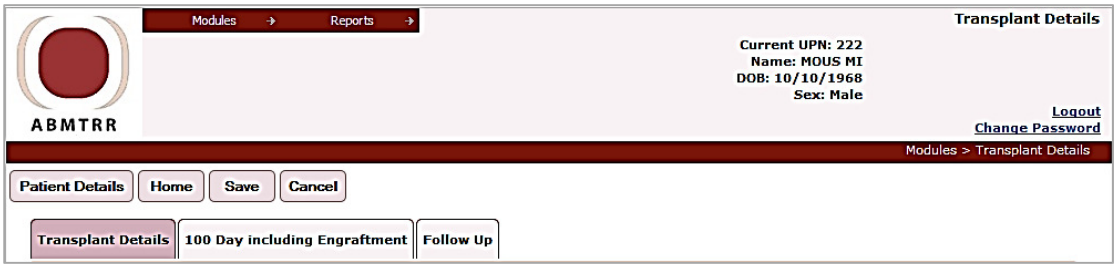
Follow Up Search Page

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 transplants requiring follow up ie. all alive patients.



URD Transplant Follow Ups Due
This provides a list of Unrelated Donor Transplants requiring follow up. This is mandatory for the Australian centres performing unrelated transplants for ABMDR funding up to five years post transplant.
Note. This function will be applicable for 2013 transplants onwards.

1.2 Navigation within a transplant



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

Transplant pages

returns to the Patient Details page

returns to the beginning of the current section eg. back to the **Transplant Details** or **Follow Up** page

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.

1.1 Forms available within a transplant

- **Transplant Details** (Green Registration Form A) – 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** – (Blue Form UA) shows after a transplant is saved.
- **Follow Up** (Pink Form B, Mauve Form UB) - accesses the Annual Follow Up Forms.

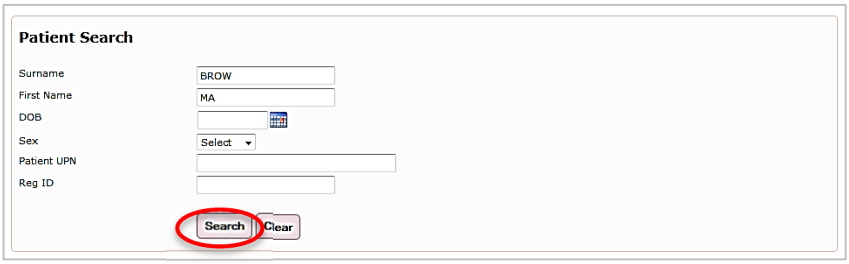
TO REGISTER A NEW TRANSPLANT

1. Creating a transplant for a new patient (patient has never received a transplant before)

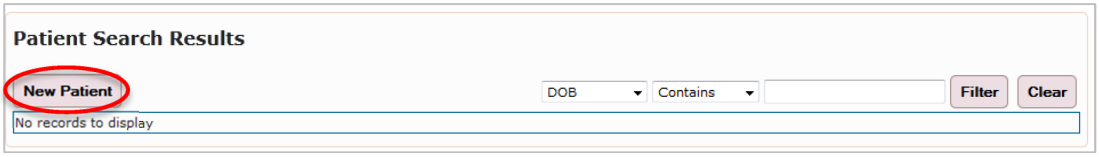
To add a new transplant, a new patient must be created first.

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

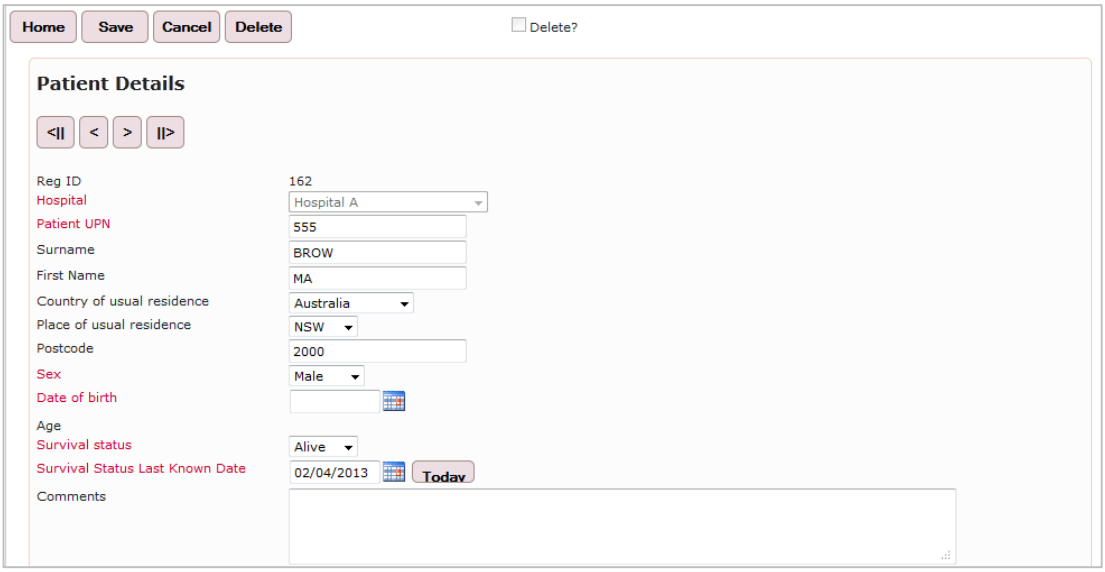
Complete any of the patient identification fields on the Patient Search page.



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.



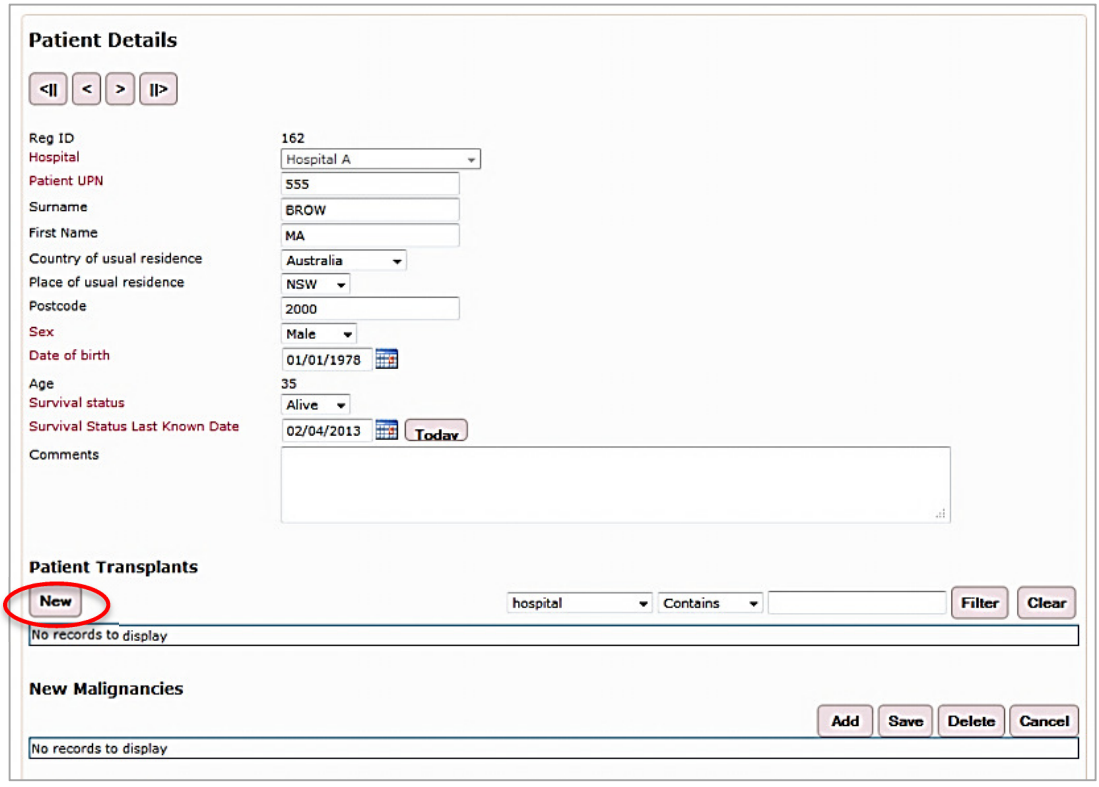
Click on “New Patient” to go to Patient Details page as shown below



Complete the remaining fields and click

The field labels in red are mandatory fields.
Data entered into these fields will pre-populate the 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.

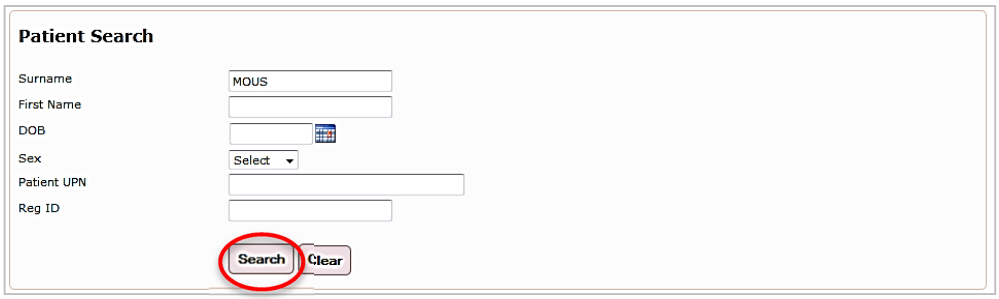
Once saved, the page will refresh with new fields “Patient Transplants” and “New Malignancies”(see below). Select **“New”** under **Patient Transplants** to add transplant details.
Note: calculated fields (ie. age) will show once the page is refreshed.



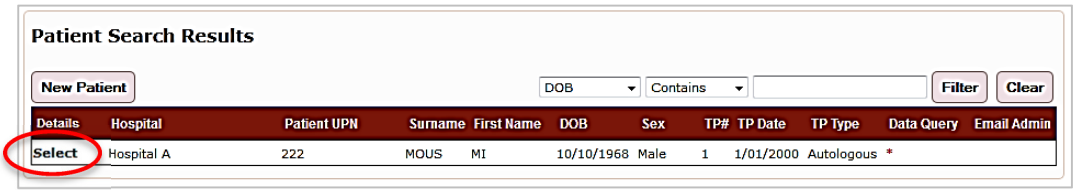
2. Adding a transplant for an existing patient

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.

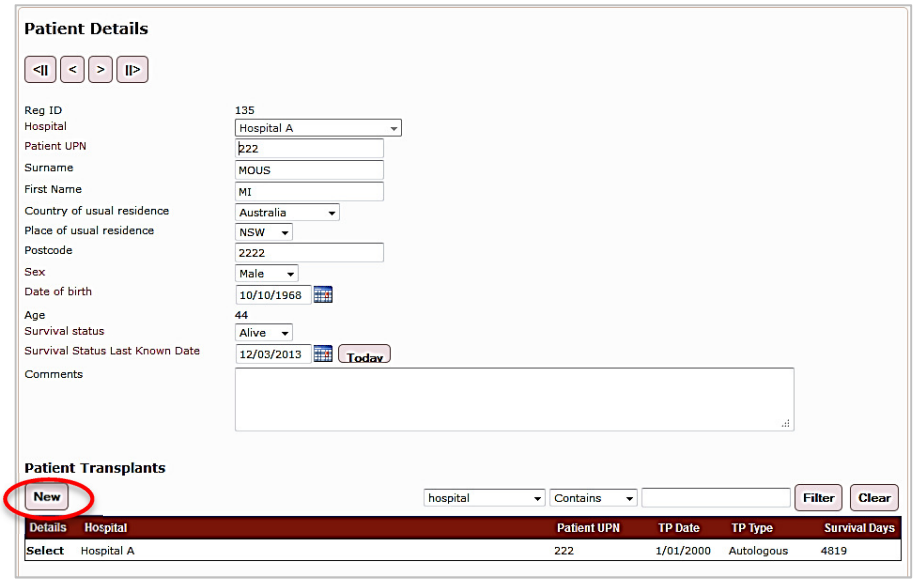
Complete any of the patient identification fields on the **Patient Search** page



Click "Search". This will take you to the Patient Search Results.



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

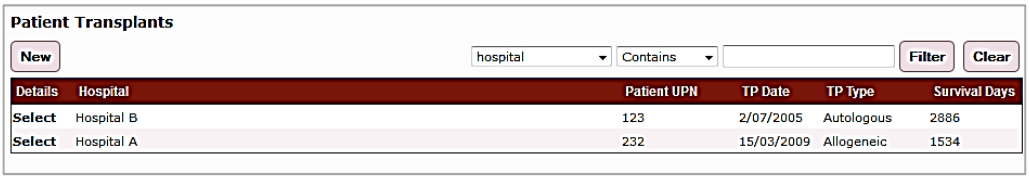


To add a subsequent transplant, under **Patient Transplant**, select **"New"**
This will take you the **Transplant Details** page.

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 ABMTRR administrator to transfer the patient record to your centre to enable you to 'add' a transplant.

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

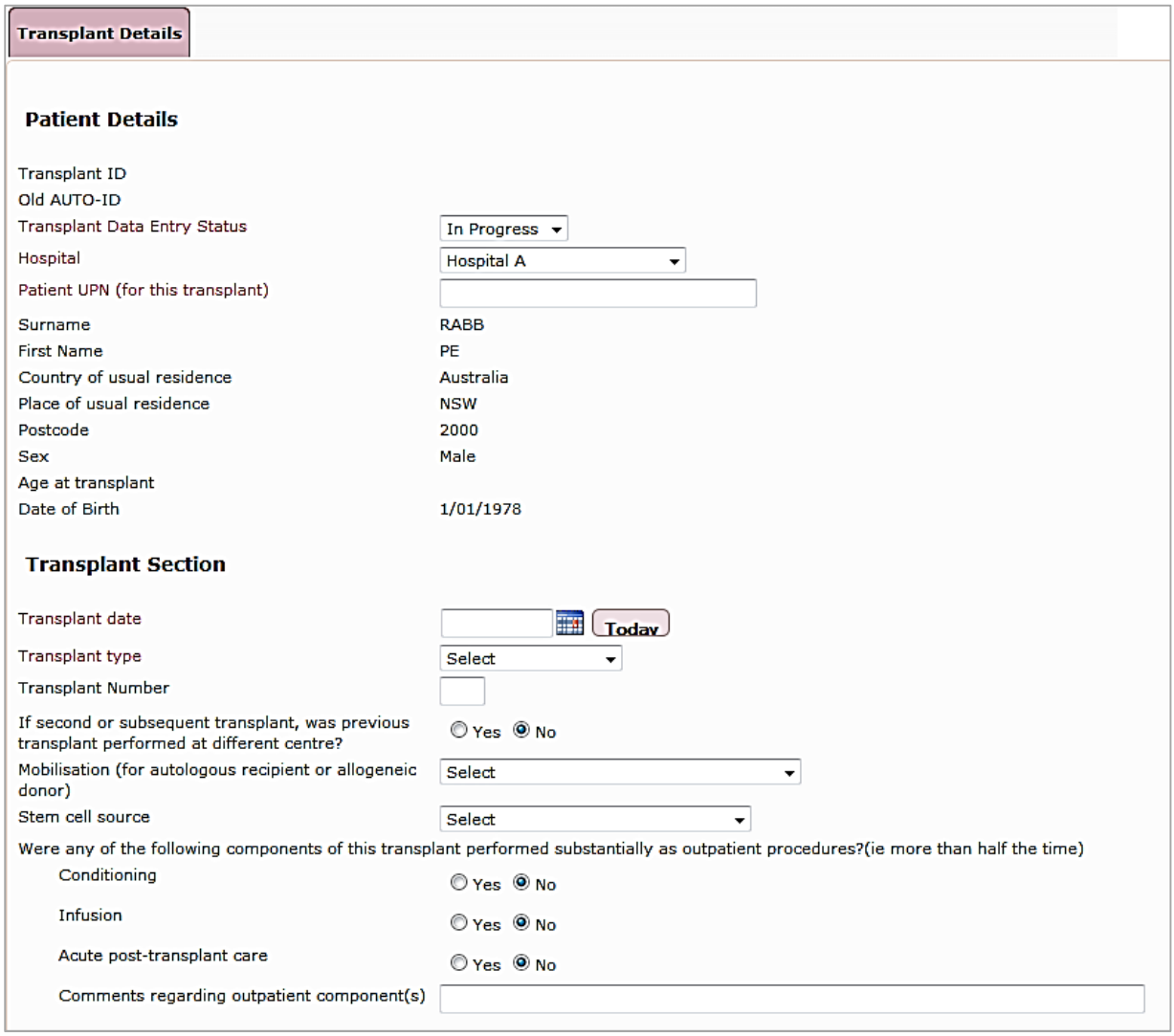


FORMS

Forms required - by transplant type

Transplant type	At Registration Forms to be completed	Follow Up Forms to be completed
Autologous Transplant	Transplant Details	100 Day (optional) Annual Follow Up
Allogeneic Transplant	Transplant Details Allogeneic Multiple Donor (if more than one donor)	100 Day (optional) Annual Follow Up
Unrelated Transplants (ABMDR reporting centres)	Transplant Details Allogeneic Multiple Donor (if more than one donor)	100 Day Annual Follow Up

1. TRANSPLANT DETAILS



Sections within this form include:

1.1 Patient details

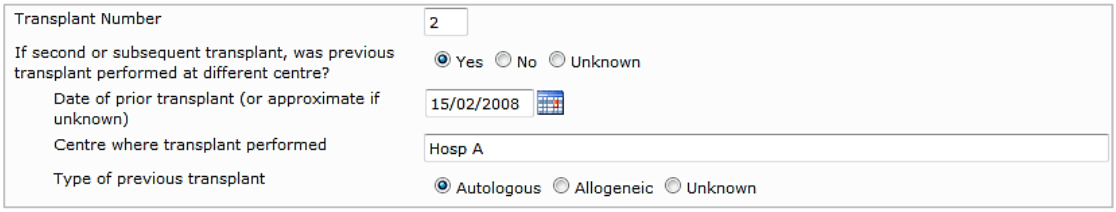
Most of these fields are read only here as these were completed on the “Patient Details” page.
Enter a value for **Patient UPN (for this transplant)** as this may be different to the “Patient UPN” if this is a subsequent transplant.

Once this page and the associated Allogeneic and Multiple donor pages have been completed, **Transplant Data Entry Status** should be changed from “In Progress” to “Complete” to avoid any accidental loss of data.
To make further additions/corrections, the ABMTRR Administrator can be notified.

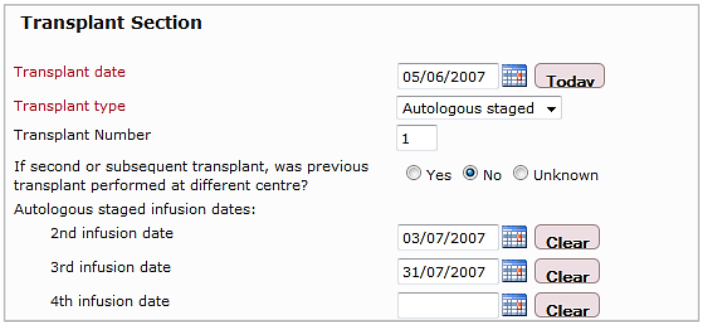
Note: the **Age at transplant** field is automatically calculated once the transplant date has been entered and saved.

1.2 Transplant Section

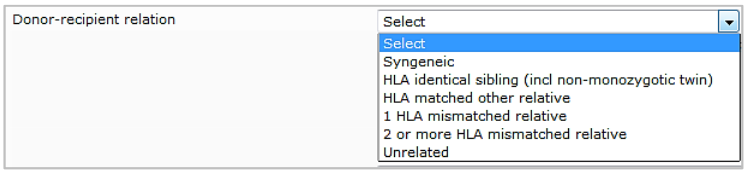
For a second or subsequent transplant, the following fields will show



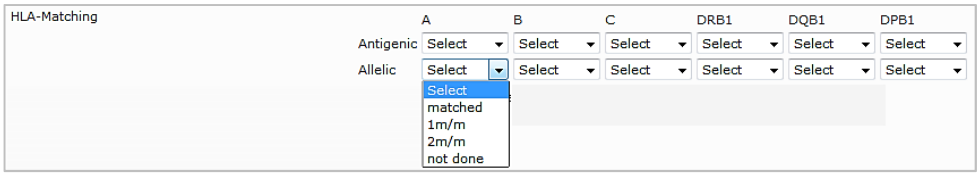
If transplant type is a autologous staged , then additional date fields will show



If Transplant type is allogeneic then “Donor-recipient relation” appears with dropdown selection as shown



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



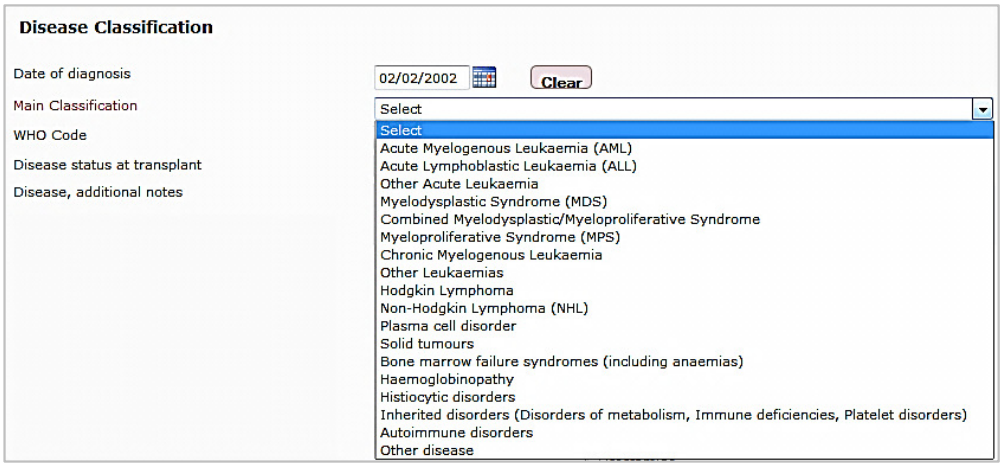
1.3 Disease Classification

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.

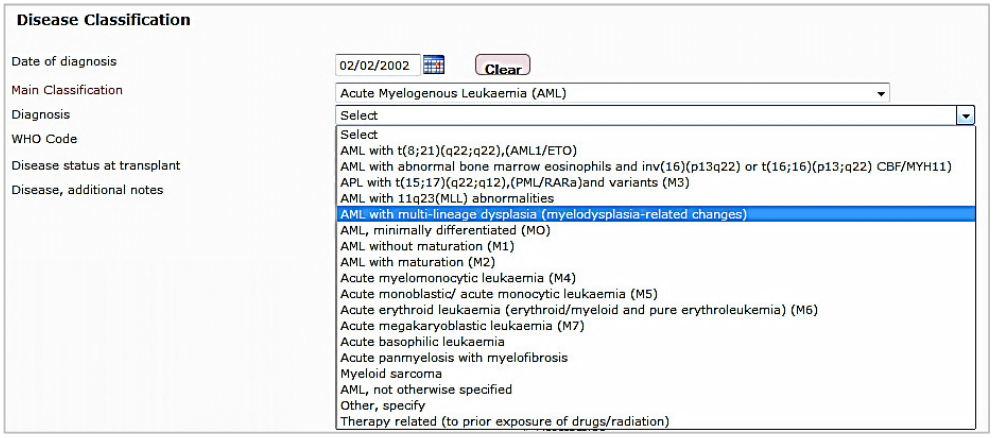
Disease classification uses the WHO disease classification. Please refer to the ABMTRR Guidelines (for completing Registration Form) if you are unsure how the diagnosis should be classified.

Whenever "… other, specify" within a main classification is selected, enter the diagnosis in the text field provided.

"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

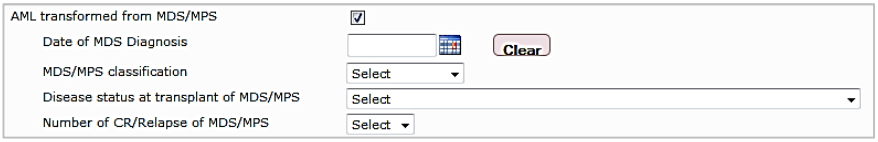


Any associated fields will show once a main classification or diagnosis is selected.

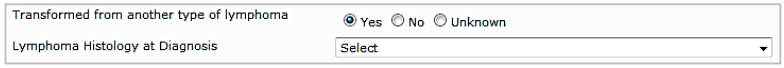
Possible associated fields:

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

- Main Classification = Acute Myelogenous Leukaemia

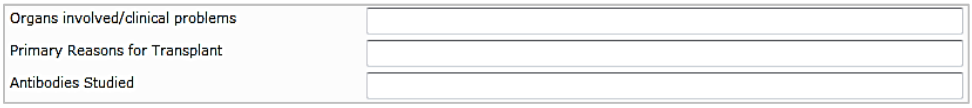


- Main Classification = Lymphoma



- Diagnosis = Myeloma

- Main Classification = Autoimmune disorders

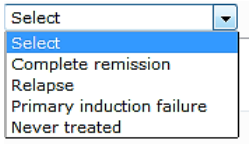


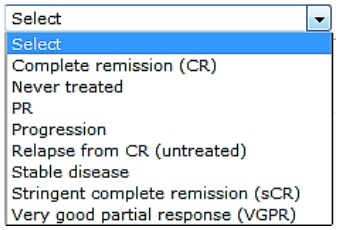
(Appears under "Disease status at transplant")

1.3.1 Disease Status at transplant

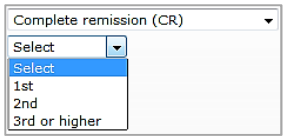
This section is relevant for the following disease groups:
Acute Leukaemia, CML, Other Leukaemias, Lymphoma, MDS/MPS, Plasma Cell Disorders and Solid tumours.
Skip this section for all other diagnoses.

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



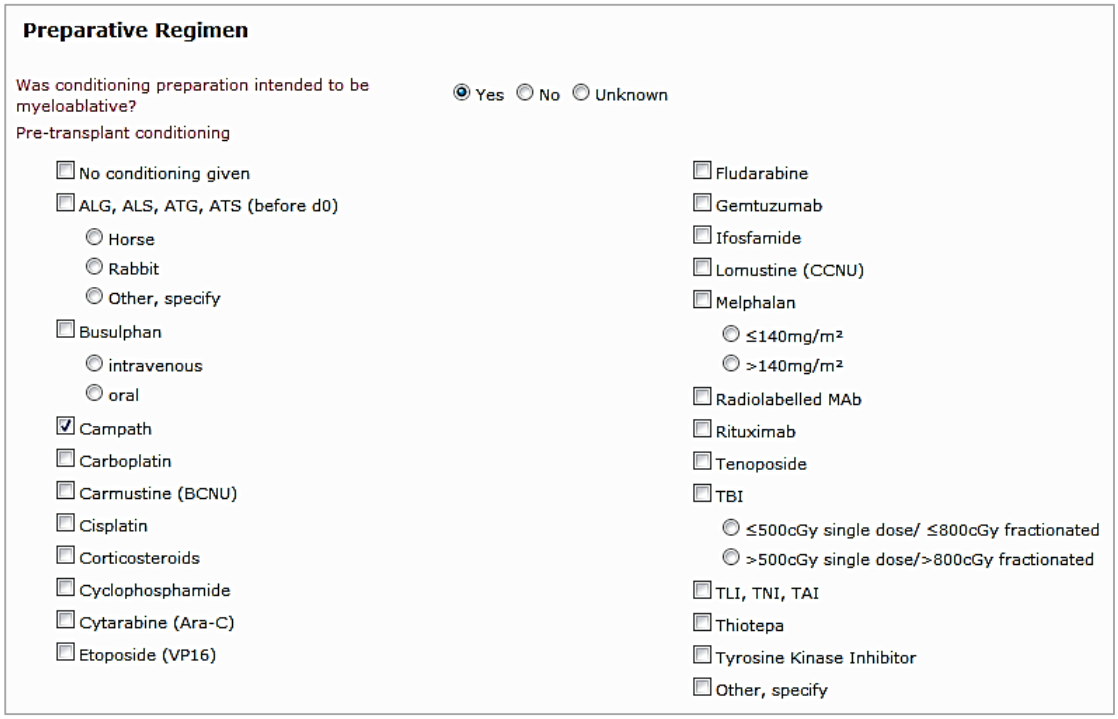
Extra remission fields appear for acute leukaemias and chronic myelogenous leukaemia

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

1.4 Preparative Regimen

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

Select all agents used, and doses where indicated.

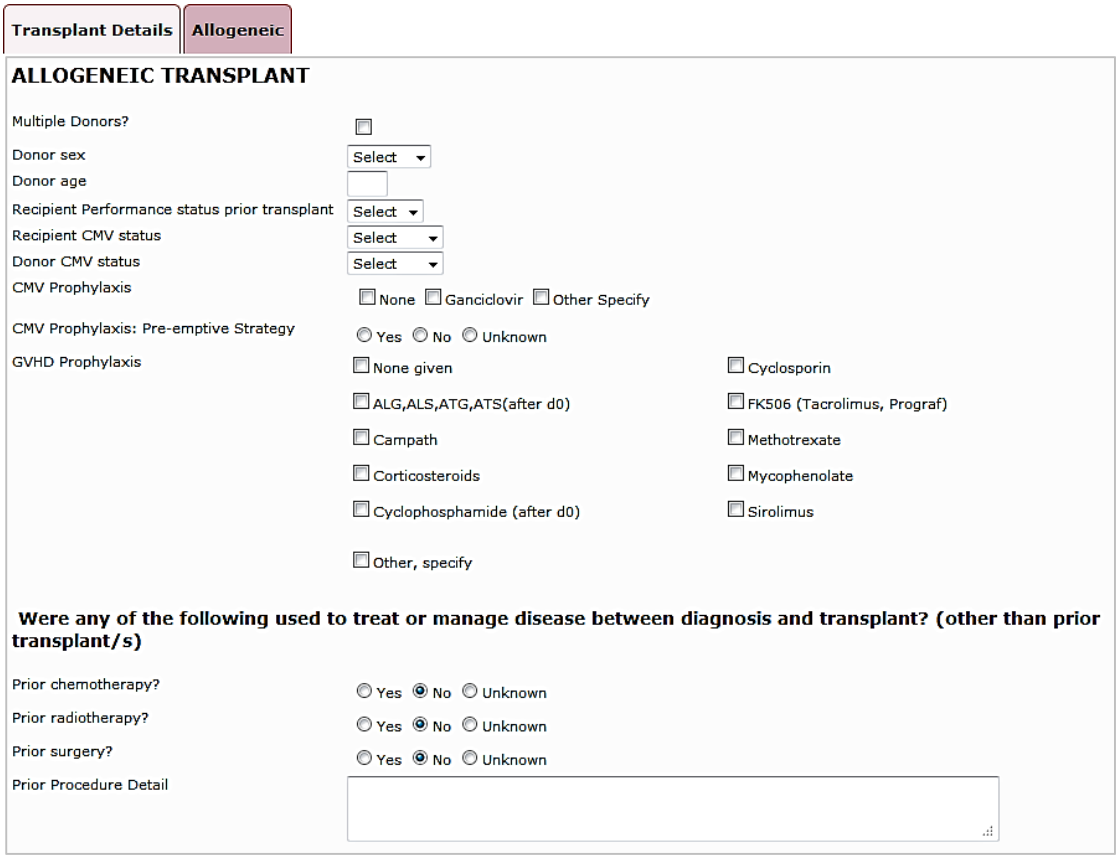


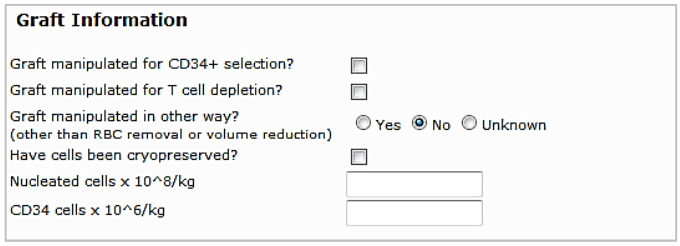
2. ALLOGENEIC TRANSPLANT

The Allogeneic tab shows at the top of the page when “allogeneic” is selected for the **Transplant type** and saved.

This form and the **Multiple Donor** form (where relevant) is mandatory for the Australian centres performing unrelated transplants for ABMDR (Australian Bone Marrow Donor Registry) data submission.

These forms are available for all centres performing allogeneic transplants to complete.

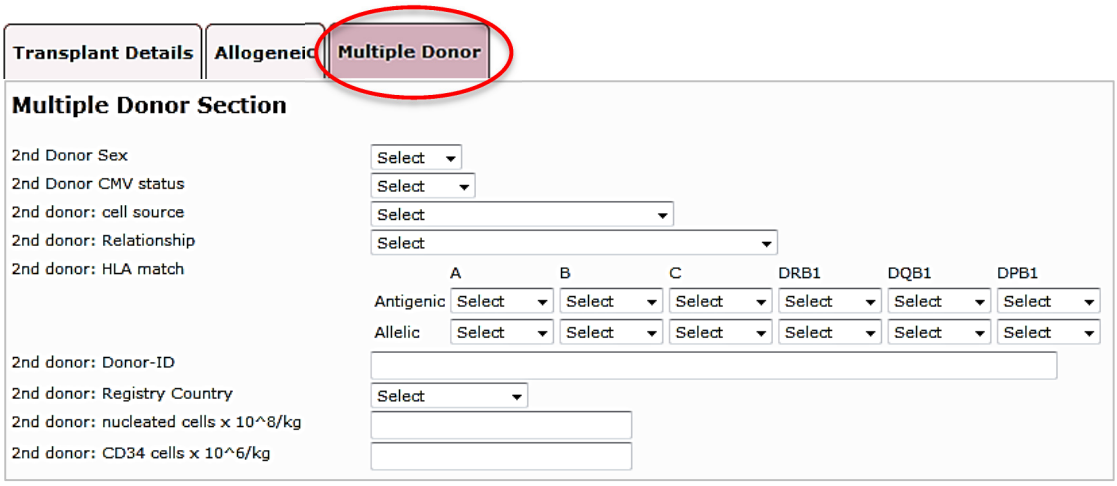




Complete the section below for unrelated donors

3. MULTIPLE DONOR FORM

This form appears when **Multiple Donors?** checkbox is ticked on the **Allogeneic** form.



REPORTING FOLLOW UP

FOLLOW UP FORMS

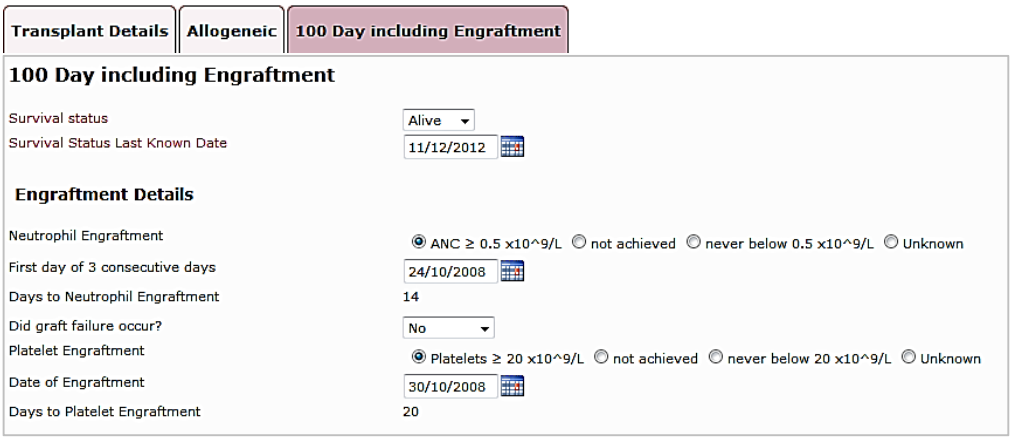
Post transplant information is collected at different time points:

- 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 ABMTRR 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 **Annual Follow Up** page
  - Survival status and last known date – enter data on the **Patient Details** or **Annual Follow Up** page

4. 100 DAY INCLUDING ENGRAFTMENT

4.1 Engraftment Details

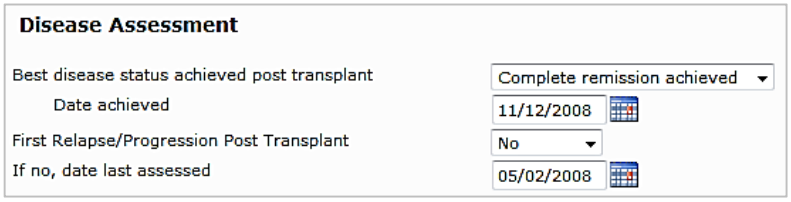
Calculated fields, “Days to Neutrophil engraftment” and “Days to Platelet engraftment” will show once dates are entered and saved.



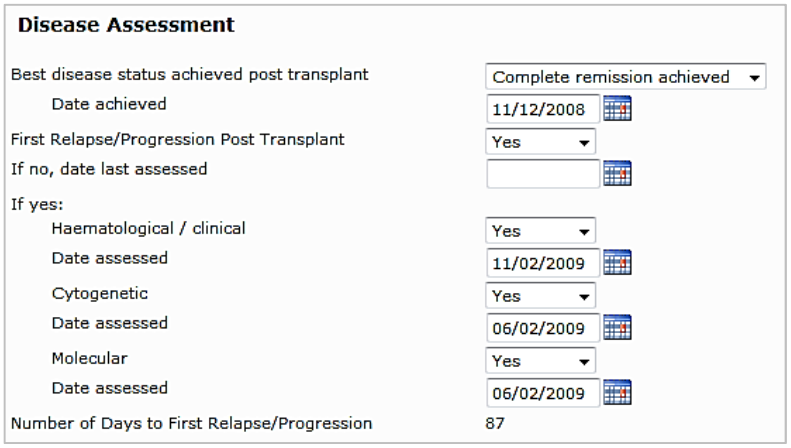
4.2 Disease assessment

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.

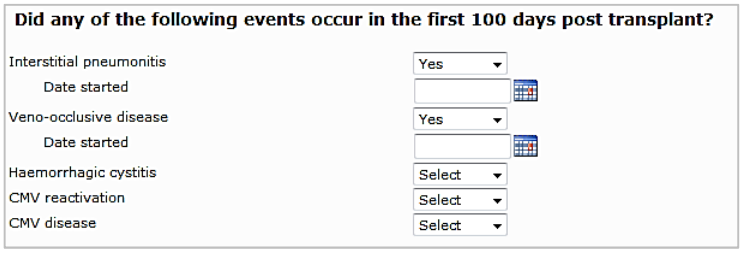


If relapse or progression has not occurred then complete the date of last assessment. (see above)
If relapse has occurred, then complete the method and date of assessment, as shown below.



4.3 Acute post transplant toxicities

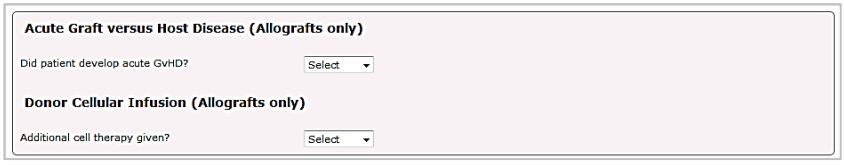
Select Yes/No/Unknown for the listed adverse events if the event occurred in the first 100 days.
The "Date started" field will show once "Yes" is selected.



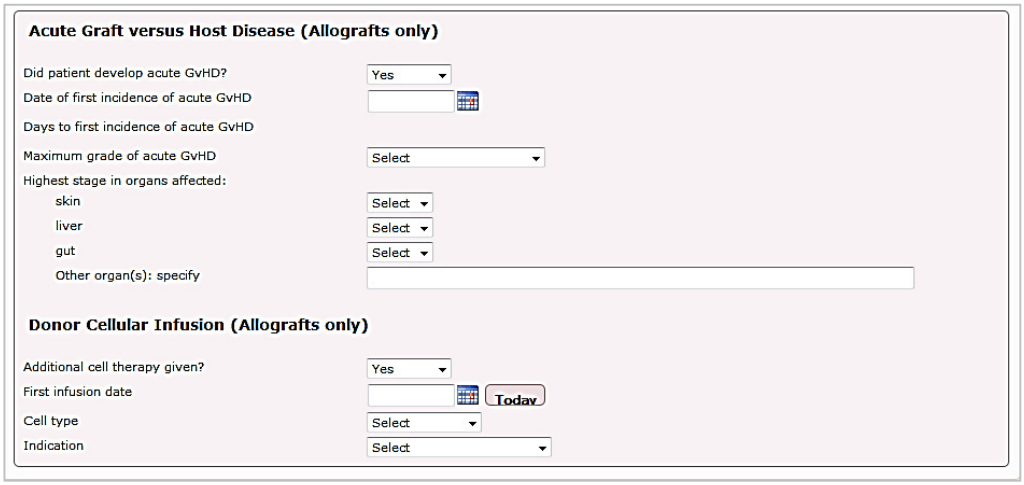
Data fields for allogeneic transplants:

4.4 Acute graft versus host disease

4.5 Donor cellular infusion

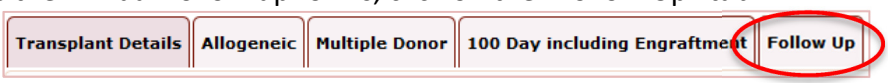


Once "Yes" is selected for either of these events, then the form will update to show the related fields

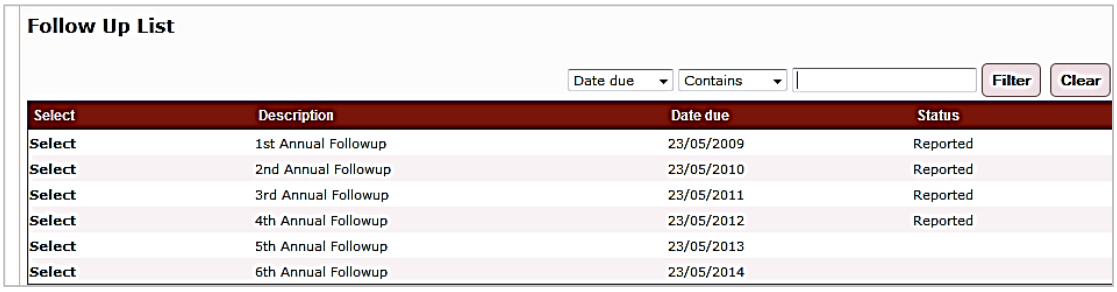


5. ANNUAL FOLLOW UP

To access the Annual Follow up forms, click on the "Follow Up" tab



The Annual Follow Ups List will appear

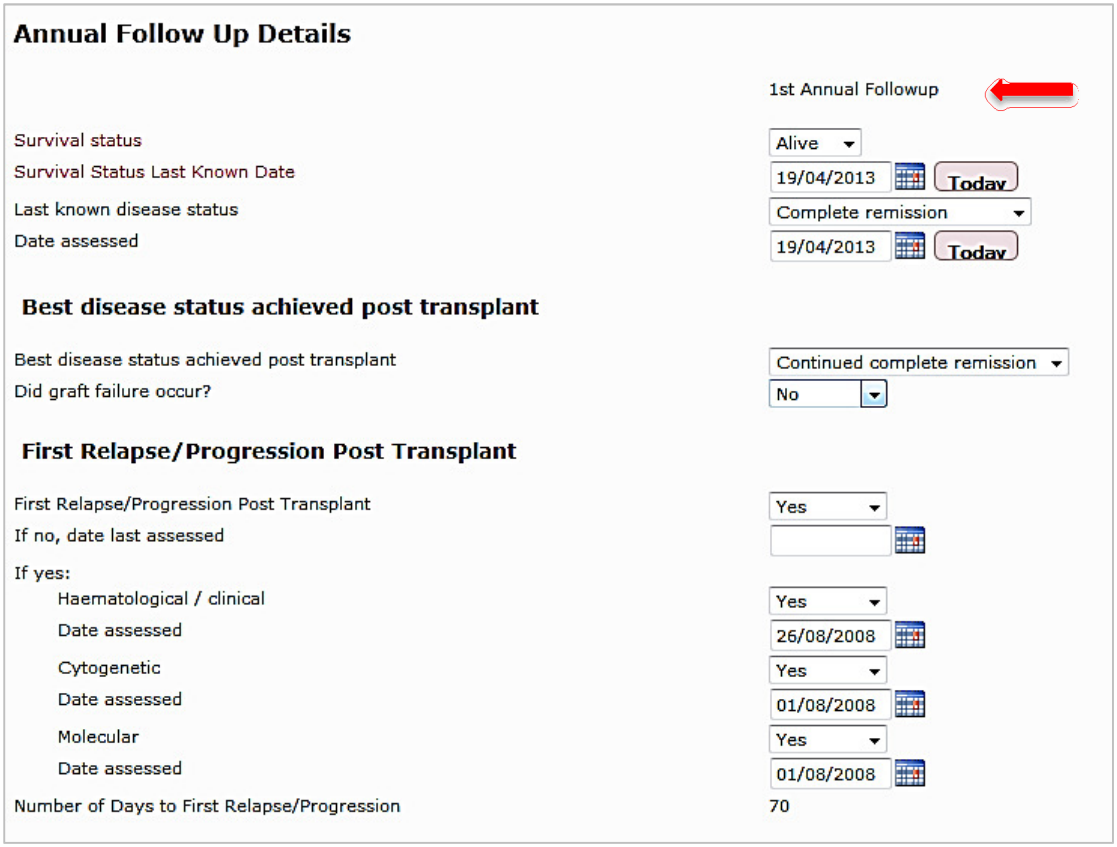


Selecting the appropriate annual follow up from the list will then show the Annual Follow Up Details page. See below

Once any data is saved on this form, “Reported” will appear in the “Status” column.

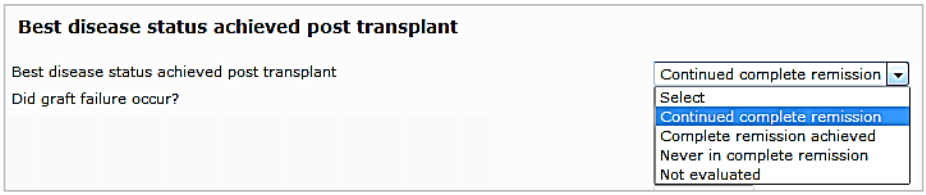
Note: If you are catching up and the last follow up dates back several years, complete the most recent follow up only. The form is designed so that you will still be able to report events that occurred regardless of the timing. Exceptions to this will be the Performance status and chronic GvHD (and donor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

First Annual Follow Up



5.1 Best disease status achieved post transplant

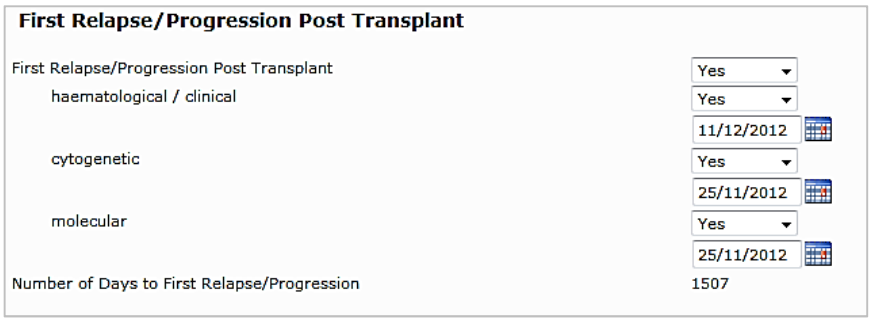
If “Complete remission achieved” or “Never in complete remission” is selected, then a date field appears for “Date remission achieved” or “Date of last assessment” respectively.
As this a *once only occasion*, it will appear as read-only on subsequent Annual Follow Up forms



5.2 Reporting First Relapse or First Disease Progression post transplant

If **First relapse/Progression post transplant** is “No”, then complete “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 here.

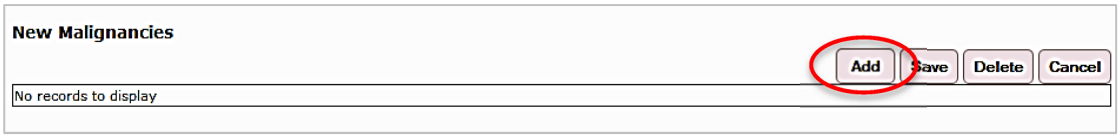
If **First relapse/Progression post transplant** is “Yes”, then the associated method of detection and date assessed fields will show.
Number of Days to First Relapse/Progression will be calculated once a date is entered and saved. The calculated date will be from the date of the earliest detection method.
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.

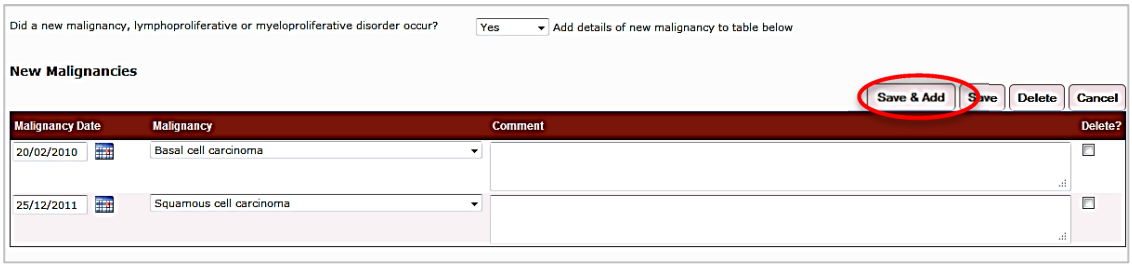


5.3 Reporting New Malignancies

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” (or “Save & Add” if a new malignancy has already been reported) to add a report.





5.4 Performance Status

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

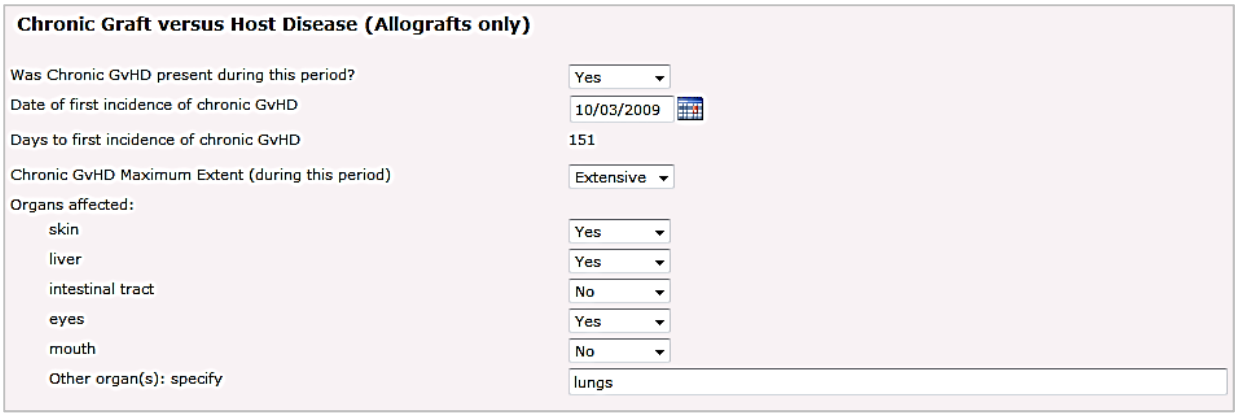
5.5 Chronic Graft versus Host Disease

Once “Yes” is selected, the associated fields will appear.

The data entered should reflect the events in that particular reporting period eg. 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 of 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.



5.6 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” is “Yes”

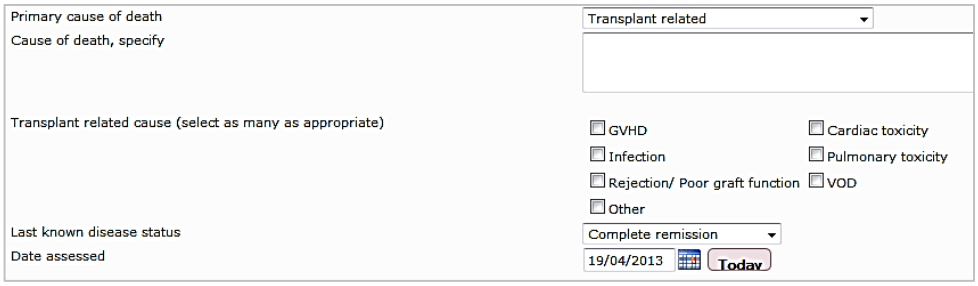
Reporting Survival Status

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.



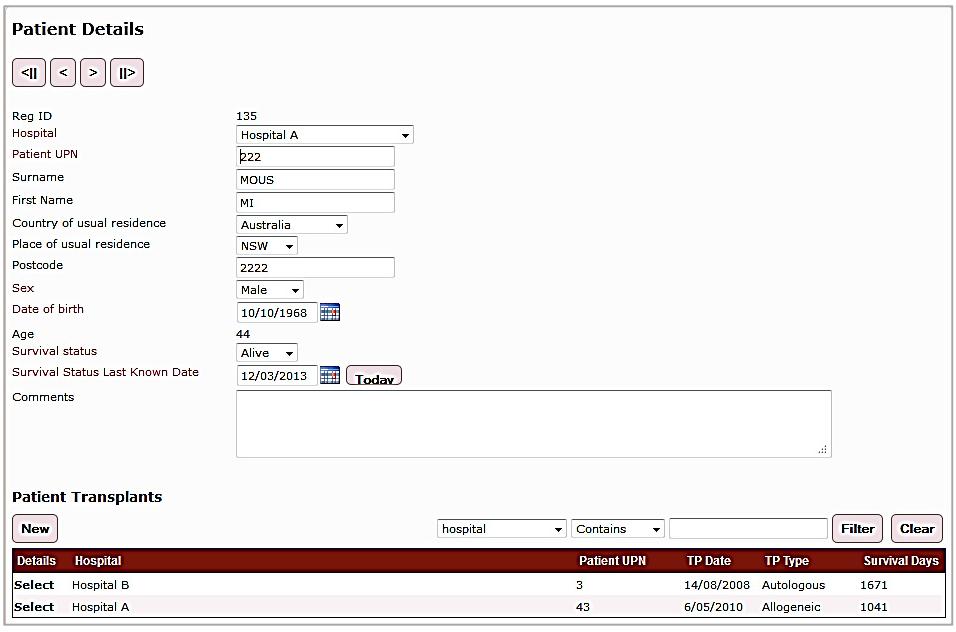
Reporting Follow Up for a patient transplanted at another centre

Access to a patient record for a patient transplanted at another centre can be permitted upon request to ABMTRR 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 ABMTRR Administrator will update the Hospital field on the Patient Details page as this will indicate the “Current” Hospital.
At the bottom of the Patient Details page, a grid shows other centres that are associated with the patient.

For example, if patient care has taken place at more than one hospital eg. a subsequent transplant or follow up at another centre, then these centres will appear on the grid.

Unless the centre is the “current” hospital, the centres will see the other transplants on the **Patient Details** page, but will not be able to access the transplant pages (ie. cannot see the details of the transplant). Otherwise the transplant pages are only accessible to the centres where the transplant had taken place.



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

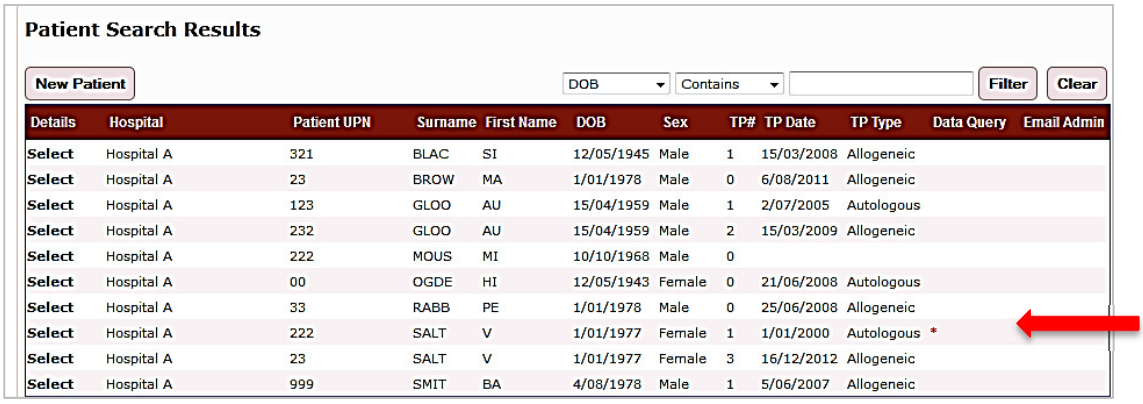
Any changes to these fields will update on all other pages where these fields appear.
Any data recorded as a 'once only occasion' will be read-only on subsequent forms:
First Relapse/Progression Post Transplant
Best disease status achieved post transplant
Date of first incidence of chronic GvHD

Sorting data

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

Data queries

Data queries from ABMTRR 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.



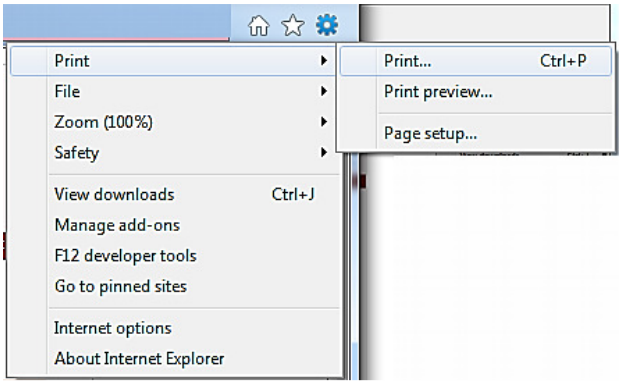
Patient Search Results

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		

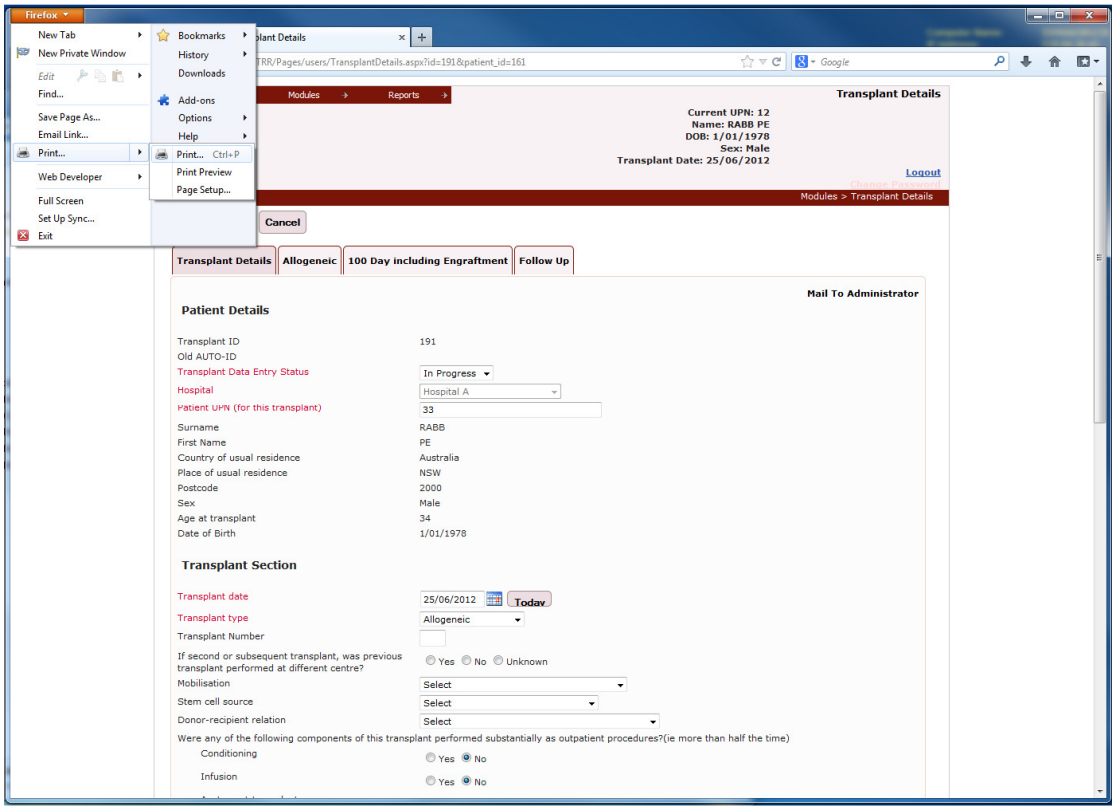
Printing Forms

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

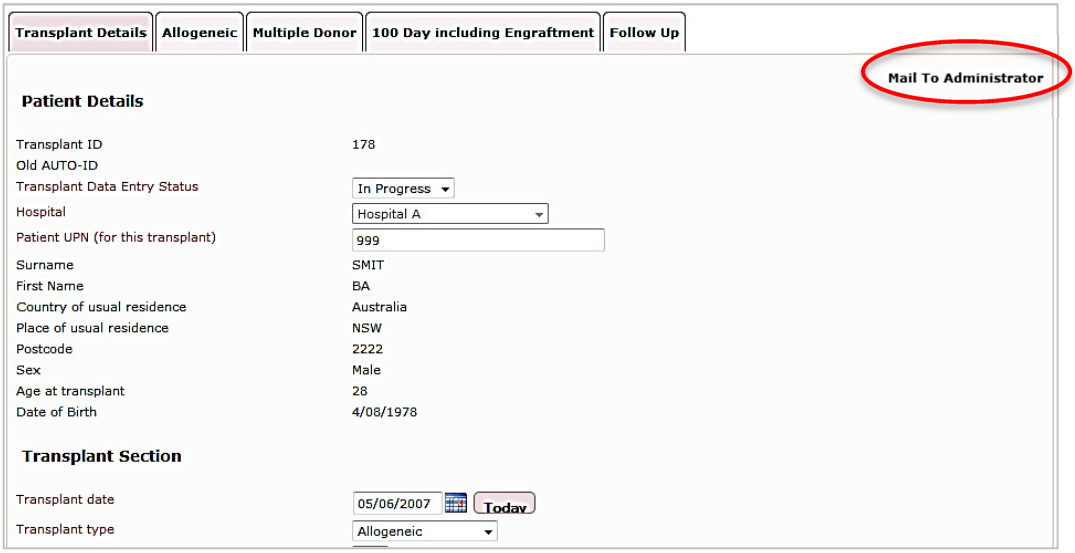
Once the Transplant Details (and the associated Allogeneic and Multiple donor) forms have been saved with “Transplant Data Entry Status” as “Complete”, any changes to these forms are made by contacting the ABMTRR Administrator.

On the Follow Up pages (100 Day and Annual Follow Up), corrections may 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 ABMTRR.
If an entire page has been entered in error, this can only be deleted by contacting ABMTRR.

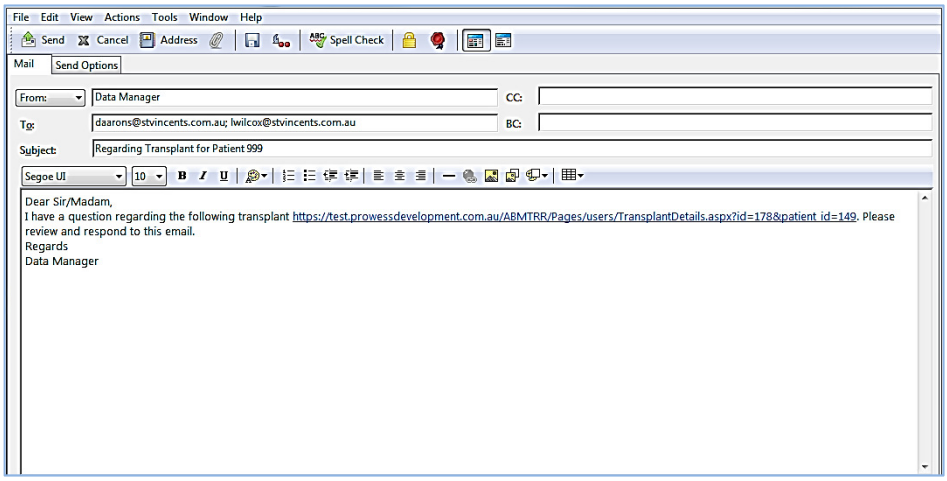
Note: the Delete checkbox has been disabled for hospital users.

CONTACTING THE ABMTRR ADMINISTRATOR

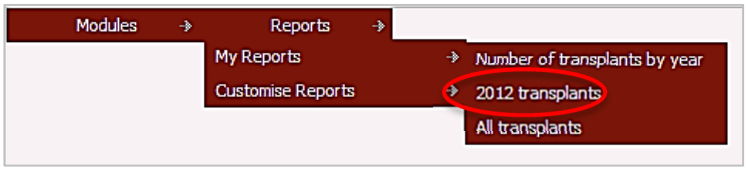
At the top right of the Transplant Details form, clicking on **Mail to Administrator** will automate an email to the ABMTRR Administrator with specific reference to a patient transplant.



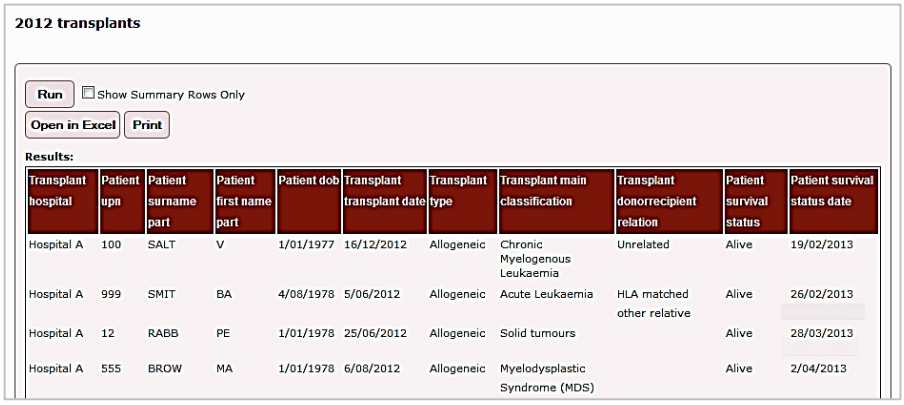
This will enable the data manager to easily contact ABMTRR with any queries about a specific transplant or patient. Add your comment or query to this email and select send.



CREATING REPORTS

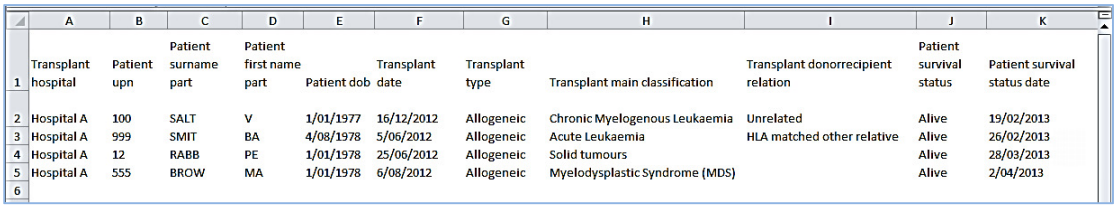


Some report templates are available in **My Reports.**
For example, clicking on "2012 transplants" will provide a list of all transplants reported at your centre for that period.



Transplant hospital	Patient upn	Patient surname part	Patient first name part	Patient dob	Transplant transplant date	Transplant type	Transplant main classification	Transplant donorrecipient relation	Patient survival status	Patient survival status date
Hospital A	100	SALT	V	1/01/1977	16/12/2012	Allogeneic	Chronic Myelogenous Leukaemia	Unrelated	Alive	19/02/2013
Hospital A	999	SMIT	BA	4/08/1978	5/06/2012	Allogeneic	Acute Leukaemia	HLA matched other relative	Alive	26/02/2013
Hospital A	12	RABB	PE	1/01/1978	25/06/2012	Allogeneic	Solid tumours		Alive	28/03/2013
Hospital A	555	BROW	MA	1/01/1978	6/08/2012	Allogeneic	Myelodysplastic Syndrome (MDS)		Alive	2/04/2013

From the list you may print or export the report to an Excel spreadsheet as shown below.



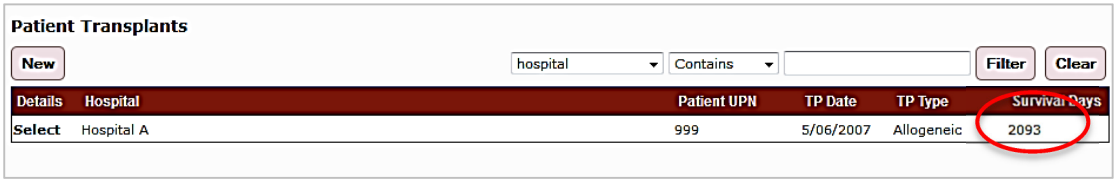
	A	B	C	D	E	F	G	H	I	J	K
1	Transplant hospital	Patient upn	Patient surname part	Patient first name part	Patient dob	Transplant date	Transplant type	Transplant main classification	Transplant donorrecipient relation	Patient survival status	Patient survival status date
2	Hospital A	100	SALT	V	1/01/1977	16/12/2012	Allogeneic	Chronic Myelogenous Leukaemia	Unrelated	Alive	19/02/2013
3	Hospital A	999	SMIT	BA	4/08/1978	5/06/2012	Allogeneic	Acute Leukaemia	HLA matched other relative	Alive	26/02/2013
4	Hospital A	12	RABB	PE	1/01/1978	25/06/2012	Allogeneic	Solid tumours		Alive	28/03/2013
5	Hospital A	555	BROW	MA	1/01/1978	6/08/2012	Allogeneic	Myelodysplastic Syndrome (MDS)		Alive	2/04/2013
6											

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.



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

GUIDELINES TO COMPLETING DATA FIELDS

Additional instructions for completing the forms are obtained from the following references also available at www.ABMTRR.org
Guidelines for completing Registration Form (Form A)
Guidelines for completing Allogeneic and 100 Day Forms
Guidelines for completing Annual Follow Up Forms.

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	Enter State eg 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 **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 appropiate 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 eg. 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 transplant
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?(ie more than half the time) • **Conditioning** • **Infusion** • **Acute post-transplant care**	Select Yes/No for the following
<u>Disease Classification</u>	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	Select from dropdown.
Sub classification	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.
<u>Preparative Regimen</u>	
Was conditioning preparation intended to be myeloablative?	Complete for allogenenice transplants only
Pre-transplant conditioning	Select all agents used, and source or dose where indicated. Include antithymocyte 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	Select option from dropdown
Female donor, number of pregnancies	Shows when ”Female” is selected for “Donor Sex”
Donor age	Enter a number
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 eg PCR monitoring. See **Guidelines for completing Allogeneic and 100 Day forms** for more information.
GVHD Prophylaxis	Select all agents that were given. Include antithymocyte globulin (ATG etc) and cyclohosphamide 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 identication code
Donor-ID	Enter identication code
Registry Country	Select option from dropdown. Contact ABMTRR 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 table for HLA matching, includes antigenic and allelic
2nd donor: Donor-ID	Enter identication code
2nd donor: Registry Country	Contact ABMTRR 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 appropiate from dropdown list
Cause of death, specify	This text field appears when "Dead " is selected for Survival Status
Engraftment Details	
Neutrophil Engraftment	Select from radiobutton 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 100 day 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 radiobutton 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 100 day 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 assesment	This field shows when "Never in complete remission" is selected. ie. 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 appear when "Yes" is selected)
Cytogenetic	Select Y/N
Date assessed	(Date field appear when "Yes" is selected)
Molecular	Select Y/N
Date assessed	(Date field appear 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	Select Y/N from dropdown list for these events
Date started	(Date fields appear when "Yes" is selected)
Veno-occlusive disease	
Date started	
Haemorrhagic cystitis	
Date started	
CMV reactivation	
Date started	
CMV disease	
Date started	

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	Select 0,1,2,3 or 4 from dropdown
Liver	
Gut	
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 appropiate 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 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
<u>Performance status</u>	
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 time period for that particular annual follow up.
Performance status, Audit Status	Indicate if score is documented or estimated
Date of assessment	Enter as dd/mm/yyyy
<u>Chronic Graft versus Host Disease (Allografts only)</u>	
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

No patient identifying information should be provided. The data will only contribute towards centre activity and will not be included in any analysis.

Data fields for these patients should only include:

1. **Transplant Centre**
2. **Transplant date**
3. **Transplant type**
4. **Main Classification** (of Disease classification)

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

Patient Details page

Patient UPN: Enter "Non consented"
Sex: Enter "Male" This field will be ignored in any data retrieval
Date of birth: Enter "01/01/1900"
Survival Status: Enter "Alive"
Survival status last known date: Enter the transplant date.

Transplant Details page

Patient UPN (for this transplant): Enter "Non consented"
Was conditioning preparation intended to be myeloablative?: Select "Unknown"
Pre-transplant conditioning: Select "Other, specify" with no further details

* if consent is obtained at a later date, then the above fields should be updated with the correct data and the remaining fields should be completed.