

EBMT

European Group for Blood and Marrow Transplantation

REGISTRY REPORTS

*Catalogue of pre-programmed
data retrieval queries available
within the EBMT Registry
database*



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GENERALITIES

Number of rows._

All columnar reports have been saved with a default output of 30 rows maximum. This is to reduce the time spent in testing them. It is recommended that you always generate any columnar report –pre-programmed or created by you- with this maximum to ensure that the output is what you want before changing this default to a higher number of rows. This will save you time.

Editing._

All reports can be edited but some editing makes more sense than other. You can always add or remove population filters and add or remove fields (subject to restrictions stated in each report). It is reasonable to spend some time changing record filters in Advanced reports, but it makes little sense to do that in most standard reports: it would probably be easier for the user to write them from scratch.

Population._

Population filters can be added to any report at any time. They will restrict the output to those patients selected in the population filter. Population filters select patients as a whole regardless of how the restriction is expressed. For example, if you use a filter for allografts and use it as a population filter, you will get all patients who ever received an allograft, including those who also received an autograft, which means that the autograft data for these patients is still available to be seen in the report.

The choice of population filter has to be compatible with the restrictions already imposed on the reports. For example, if you have a report which restricts diagnosis to acute leukaemia, it may or may not make sense to add a population filter which restricts the population to lymphomas: if you want the acute leukaemia data from patients who also have lymphoma, it makes sense, otherwise it does not.

Formulae fields._

The EBMT database has a number of fields which are filled in by formulae. This is done automatically during data entry for which reason the user may not be aware of their existence. It is important to be aware of these fields when doing reports since they can be of great use to obtain the correct data. The most important are the **Events** (see ProMISe manual). These are fields which label the records in the Assessment, Treatment and Diagnosis tables. These **Events** will be used frequently as part of the record filters used to retrieve the data. See a full list of Formulae fields at the end of the document.

Data quality._

Some of the reports have been written with the intention of helping in the data cleaning of the database. In this case the word **Check** appears in the title. All users are encouraged to use them to clean their data.

STANDARD

Standard reports are used to produce lists, frequency tables or summary statistics.

Source of the data._

Standard reports can be based on the raw database or on an Advanced or Designer query.

1. If the report is based on the raw database, the data requested and the record filters used should only use fields belonging to tables in a strict parent-child relationship: tables belonging to the same branch in the *Database structure* description.
2. If the report is based on an Advanced query, Record filters will not work and the fields can only be chosen from those already pre-selected in the Advanced query. These reports will have the letter **A**, added in brackets to the end of the name. However, the Advanced Query #can be edited beforehand to add more fields as needed.
3. If the report is based on a Designer query, Record filters will not work and the fields can only be chosen from those already pre-selected in the Designer query. These reports will have the letter **D**, added in brackets to the end of the name. Designer queries can not be edited by the user.

Population._

Most of the existing Standard reports have been saved without a population filter. In these cases, the selection of patients is done solely through the use of the record filters embedded in the report. It is possible to add a population filter to any report, adding restrictions or further restricting the population used for the output.

Nomenclature._

Reports may have a letter at the end indicating:

- (**A**) the report is based on an advanced query
- (**D**) the report is based on a designer query

COLUMNAR***Check::Diagnosis::Diagnosis labelled as other or unknown***

One row per diagnosis

Selects disease classification fields for diagnosis labelled as "Other". In the case of Lymphoma, it also brings out those lymphomas classified under the old "Working formulation", or where all we have is that they are "B-cell" or "T-cell" NHL. This report is very useful, to get rid of this type of uninformative classifications.

Source of the data: Raw database

Record filters

Data check::Diagnosis Other or main classif empty

This record filter can be changed to reduce or enlarge the restrictions (for example, exclude from the output the Working formulation lymphomas). Fields can be added or removed from the report using the Patient and Diagnosis tables.

Check::Diagnosis::Diagnosis labelled as other or unknown, Lymph WF included

One row per diagnosis

As above, but it also brings out those lymphomas classified under the old "Working formulation", or where all we have is that they are "B-cell" or "T-cell" NHL. This report is very useful, to get rid of this type of uninformative classifications.

Source of the data: Raw database

Record filters

Data check::Diagnosis Other or main classif empty, Lymph WF included

This record filter can be changed to reduce or enlarge the restrictions (for example, exclude from the output the Working formulation lymphomas).

Fields can be added or removed from the report using the Patient and Diagnosis tables.

Check::EBMT to centre queries::Explicit errors

One row per patient

Selects patient identification data, plus the error message, for patients where the EBMT has posted a query to the centre.

Source of the data: Raw database

Record filters

Data check::Record with errors

This record filter can be changed to reduce or enlarge the restrictions (for example, exclude from the output the Working formulation lymphomas).

Fields can be added or removed from the report using the Patient table.

Core data w fup::Aspergillosis after transplant (A)

One row per transplant

Selects the data at the patient, diagnosis and transplant level. It includes last date seen, first relapse (if applicable), first incidence of cGvHD (if applicable). It selects all transplants for a patient which has had Aspergillosis documented after any of the transplants.

Source of the data: Advanced report

Advanced/Designer Query #filter**Comprehensive::a Core data w FUp items**

Items in these Advanced Query #can be selected and unselected at will. See below for a description of this query.

Population filter**Complication::Infection::Aspergillosis after any transplant**

This population filter can be changed to any other population filter.

Diagnosis::More than 1 diagnosis indication for transplant

One row per diagnosis

Selects diagnosis for patients which have had transplants for more than 1 diagnosis. Can be used for data checking, since the main diagnosis classifications listed should, in most cases, be different.

Source of the data: Raw database

Record filters

Diagnosis::Number::More than 1 graft diagnosis

Can be changed to further restrict the type of diagnosis records.

Fields can be added or removed from the report but only from the Patient and Diagnosis table.

Diagnosis::New diagnosis after transplant

One row per diagnosis

Selects patient identification and diagnosis data for patients which have a secondary disease, whether this one has been transplanted or not, after the diagnosis for which the first transplant was done.

Source of the data: Raw database

Record filters

Diagnosis:: Secondary::Secondary malignancy after transplant

Can be changed to set another characteristic of the disease.

Fields can be added or removed from the report but only from the Patient and Diagnosis tables

Follow up::Last: diagnosis, transplant, assessment - living patients (all)

One row per patient

Selects last transplant with its respective diagnosis and last assessment for patient alive. Very useful to follow up the patients.

Source of the data: Raw database

Record filters

Complex::Regular follow up (All)

Should not be changed since it would defeat the purpose of this report.

Follow up::Last: diagnosis, transplant, assessment - living patients (by date transplant - edit)

One row per patient

Adapted from previous report. It can provide the same data but selected for those patients that were transplanted a year ago on the month, helping to generate a process of updating the follow up of the patients.

Source of the data: Raw database

Record filters

Complex::Regular follow up (edited by transplant date)

This record filter is meant to be modified, substituting January (LIKE %-01-%...) for another month. The user can build a library of these reports, one for each month.

Transplant assessment::Engraftment (Days)

One row per transplant

Selects engraftment data for all transplants.

Source of the data: Raw database

Record filters

Transplant::Select record::Assessment for transplant

Can be changed to further restrict the assessment being used.

Fields can be added or removed from the report using the Patient and Assessment tables or a child of the Assessment table, increasing the scope of the report.

Transplant::Mismatched unrelated donor

One row per transplant

Selects patient identification data for patients with an unrelated transplant.

Source of the data: Raw database

Record filters

Donor::Mismatched Unrelated Donors

Can be changed to obtain another set of donors, or types of transplant (for example Matched related or add the condition that it should only be PBSC).

Fields can be added or removed from the report but only from the Patient, Treatment, Donor and Donor HLA tables

Transplant::Simple transplant listing (D)

One row per transplant

Gives all dates of transplant. Can be run at the beginning of a session and left there. It may be easier to find the patient here than in the Data entry Index. It is based on a Designer Query #and cannot be modified.

Source of the data: Designer query

Advanced/Designer Query #filter

SQL 002: Transplant listing

Transplant::Transplant index

One row per transplant

Gives all treatment records for all transplants.

Source of the data: Raw database

Record filter

Transplant::Select record::Transplant treatment

Can be changed to restrict the type of transplant, or even change it to another type of treatment, etc.

Fields can be added or removed from the report using the Patient and Treatment tables or any child of the Treatment table, increasing or modifying the scope of the report.

Transplant::Transplant index from 2004 onwards

One row per transplant

Gives all treatment records for all transplants, but restricted to transplants performed since 2004.

Source of the data: Raw database

Record filter

Transplant::Year::Transplant 2004 onwards

Can be changed to restrict the type of transplant, or even change it to another type of treatment, another year, etc.

Fields can be added or removed from the report using the Patient and Treatment tables or any child of the Treatment table, increasing or modifying the scope of the report.

Transplant::Transplant index with patient and diagnosis details (A)

One row per transplant

Gives all treatment records for all transplants, including the corresponding diagnosis records.

Source of the data: Advanced report

Advanced/Designer Query #filter

Comprehensive::a Core data

Items in these Advanced Query #can be selected and unselected at will. See below for a description of this query.

Fields can be added or removed from the report using the fields which are included in the advanced report.

DESCRIPTIVE (SUMMARY)**Types._**

Reports under this heading allow four types of descriptive statistics:

- a) Simple frequencies of different items;
- b) Cross tabulations of one item by other items;
- c) Statistical parameters (mean, standard deviation, range, etc of different items.
These items must be numerical and uncoded: it makes no sense to obtain statistics from coded items unless the codes represent steps in an ascending or descending series (example: Karnofsky).
- d) A combination of a) and c) which presents statistical parameters inside the cells of the frequency tables instead of the counts.

Annual::1st allo_patient_centre (2004 onwards) (D) (R)

Cross tabulation (b)

Number of the first allo performed in a patient in a centre by year in which this first allo was performed. Restricted to transplants performed in 2004 or later.

Advanced/Designer Query #filter

First transplant ALLO

This designer Query #cannot be edited. See description later on.

This report is meant to help centres keep track of their reporting related to accreditation.

Annual::1st allo_patient_centre_unit (2004 onwards) (D) (R)

Cross tabulation (b)

Number of the first allo performed in a patient in a centre by year in which this first allo was performed. Repeats the cross tabulation per Unit (this can only be interpreted if restricted to a single centre). Restricted to transplants performed in 2004 or later.

Advanced/Designer Query #filter

First transplant ALLO (also by UNIT)

This designer Query #cannot be edited. See description later on.

This report is meant to help centres keep track of their reporting related to accreditation.

Annual::1st auto_patient_centre (2004 onwards) (D) (R)

Cross tabulation (b)

Number of the first auto performed in a patient in a centre by year in which this first auto was performed. Restricted to transplants performed in 2004 or later.

Advanced/Designer Query #filter

First transplant AUTO

This designer Query #cannot be edited. See description later on.

This report is meant to help centres keep track of their reporting related to accreditation.

Annual::1st auto_patient_centre_unit (2004 onwards) (D) (R)

Cross tabulation (b)

Number of the first auto performed in a patient in a centre by year in which this first auto was performed. Repeats the cross tabulation per Unit (this can only be interpreted if restricted to a single centre). Restricted to transplants performed in 2004 or later.

Advanced/Designer Query #filter

First transplant AUTO (also by UNIT)

This designer Query #cannot be edited. See description later on.

This report is meant to help centres keep track of their reporting related to accreditation.

Annual::Frequency of FIRST transplant per centre per year per type

Frequency (a)

Frequency of the first transplant performed in a patient by the centre, the year it was done, and the type of the transplant.

Record filter**Transplant::Number::Transplant No. 1**

This record filter can be changed to any other number of transplant, or any other criteria describing the transplant.

Items can be added or removed at will as long as they belong to the Patient and Treatment tables, or to any direct children of the Treatment table. It can also be edited to turn it into a cross tabulation.

Annual::Number of Transplants by type

Frequency (a)

Number of allos and autos.

Record filter**Transplant::Select record::Transplant treatment**

This record filter can be changed to restrict the type of transplant (by year, by cell source, etc.).

Items can be added or removed at will as long as they belong to the Patient and Treatment tables, or to any direct children of the Treatment table. It can also be edited to turn it into a cross tabulation.

Check::Autoimmune disease x subclassification

Cross tabulation (b)

Cross tabulation of the main autoimmune classification *versus* the autoimmune subclassifications

There is no filter, all diagnosis records will be used.

Fields can be added or removed from the report, but only within the Diagnosis and Patient tables. Report is helpful to detect incompatibilities between the subclassifications and main autoimmune diseases.

Check::Main disease x subclassification

Cross tabulation (b)

Cross tabulation of the main diagnosis classification *versus* the disease subclassifications. It does not include the subclassification of MDS and/or MPS because they are in a separate table.

There is no filter, all diagnosis records will be used.

Fields can be added or removed from the report, but only within the Diagnosis and Patient tables. Report is helpful to detect incompatibilities between the subclassifications and main diagnosis.

Conditioning::Chemo and MoAB transplant

Frequency (a)

Frequency of chemotherapies and monoclonal antibodies given during the transplant

Record filter

Transplant::Select record::Transplant treatment

Fields can be added or removed from the report at will. All fields must come from the Treatment table or one of its children tables.

Conditioning:: Cyclophosph and other conditioning after 2000

Cross tabulation (b)

The first table provides the frequency of cyclophosphamide (including cyclophosphamide containing regimens) cross tabulated against the type of the transplant since 2001. The subsequent tables provides a cross tabulation against type of transplant of chemotherapies that have been given together with the cyclophosphamide.

Advanced/Designer Query #filter

Conditioning specific::Cyclophosphamide and accompanying drugs, 2001 onwards

Advanced filter could be modified to select other type of chemotherapy.

Cross tabulation could be done by other fields (TBI, etc.)

Conditioning:: Cyclophosphamide, not Bucy

Cross tabulation (b)

The first table provides the frequency of cyclophosphamide cross tabulated against TBI. The subsequent table provides a cross tabulation against TBI of chemotherapies that have been given together with this cyclophosphamide. Busulphan must not be part of this regimen.

Advanced/Designer Query #filter

Conditioning specific::Cycloph, not BuCy

Advanced filter could be modified to select other type of chemotherapy.

Diagnosis::Main disease subclassification w. age details

Frequency with statistics (d)

Frequencies of all fields related to the diagnosis classification and subclassification and the statistics of age in each category (fields in Diagnosis table). MDS and MPS subclassifications are in a separate report (see below), because they are in a different table.

Record filter

Diagnosis::Select record::Diagnosis indication for transplant

Fields can be added or removed from the report, both for the frequency and for the statistics, but only within the diagnosis and patient tables. The record filter can be changed to further restrict the type of diagnosis.

Diagnosis::MDS and MPS subclassifications w. age details

Frequency with statistics (d)

Frequencies of all fields related to the MDS and MPS subclassification and the statistics of age in each category (fields in Assessment table)

Record filter

Diagnosis::Select record::Assessment for diagnosis indication for transplant

Fields can be added or removed from the report, both for the frequency and for the statistics, but only within the assessment and patient tables. The record filter can be changed to further restrict the type of assessment.

Disease x transplant::After 1994 (A)

Cross tabulation (b)

Cross tabulates the main disease classification by 17 standard patient and transplant items (sex, type of transplant, etc.) for transplants performed after 1994.

Advanced/Designer Query #filter

Transplant, donor, diagnosis::Transplant after 1994

Can be changed to reduce or enlarge the restrictions (for example, use only autos, or remove the restriction on year).

Fields can be added or removed from the report, but only within the fields selected in this advanced query. Cross tabulation can be done by other fields.

Disease x transplant::After 1994, Allos (A)

Cross tabulation (b)

Cross tabulates the main disease classification by 17 standard patient and transplant items (sex, type of transplant, etc.) for allografts performed after 1994.

Advanced/Designer Query #filter

Transplant, donor, diagnosis::Allo after 1994

Can be changed to reduce or enlarge the restrictions (for example, use only autos, or remove the restriction on year).

Fields can be added or removed from the report, but only within the fields selected in this advanced query. Cross tabulation can be done by other fields.

Disease x transplant::After 1994, Autos (A)

Cross tabulation (b)

Cross tabulates the main disease classification by 17 standard patient and transplant items (sex, type of transplant, etc.) for autografts performed after 1994.

Advanced/Designer Query #filter

Transplant, donor, diagnosis::Auto after 1994

Can be changed to reduce or enlarge the restrictions (for example, use only autos, or remove the restriction on year).

Fields can be added or removed from the report, but only within the fields selected in this advanced query. Cross tabulation can be done by other fields.

Disease x transplant::After 2000 (A)

Cross tabulation (b)

Cross tabulates the main disease classification by 17 standard patient and transplant items (sex, type of transplant, etc.) for transplants performed after 2000.

Advanced/Designer Query #filter

Transplant, donor, diagnosis::Transplant after 2000

Can be changed to reduce or enlarge the restrictions (for example, use only autos, or remove the restriction on year).

Fields can be added or removed from the report, but only within the fields selected in this advanced query. Cross tabulation can be done by other fields.

Drugs::Imatinib mesylate::At transplant, core data w. fup

Frequency (a)

Frequency of standard transplant related fields for a transplant which has been accompanied by imatinib mesylate.

Record filter**Chemo::Imatinib mesylate at transplant**

Fields can be added or removed from the report, and a cross tabulation field can be added. The record filter can be modified to further restrict the type of transplant or even select a non-transplant treatment record. All fields must come from the Patient table, the Treatment table or one of its children tables.

Drugs::Imatinib mesylate::At transplant, other chemo (A)

Cross tabulation (b)

Frequency of standard transplant related fields against the year of the transplant

Advanced/Designer Query #filter

Comprehensive::c Chemotherapy and MoAB at transplant::Imatinib mesylate

Fields can be added or removed from the report, and a cross tabulation field can be added. However, the new fields must be contained already in the Advanced query. Otherwise, the Advanced Query #has to be modified prior to selecting these fields in this report. A population filter can be added.

GvHD::a_cGvHD x Methx Cyclosp, AcLk 2000-2005 IdSib CR1 or CR2 (A)

Cross tabulation (b)

Frequency of aspects of aGvHD and cGvHD by whether the patient received methotrexate and cyclosporine, or cyclosporine only in acute leukaemia patients, receiving an identical sibling allograft between 2000 and 2005, and transplanted in CR1 or CR2. The frequency under **Methotrexate** refer to patients receiving methotrexate and cyclosporine, while those under **Cyclosporine** refer to patients receiving cyclosporine only.

Advanced/Designer Query #filter

Specific populations::a_cGvHD AcLk IdSib 2000-2005 CR1 or CR2 Methx+Cyclosp v Cyclosp Only

See below for a description of this query

Fields can be added or removed from the report, but only within the fields selected in this advanced query. This is a good example of how fine you can get with these reports.

GvHD::aGvHD and cGvHD per transplant

Frequency (a)

Frequency of grade and stage of aGvHD and cGvHD per transplant

Advanced/Designer Query #filter

Allograft, GvHD::aGvHD, cGvHD All

Fields can be added or removed from the report, but only within the fields selected in this advanced query.

Infections::After transplant, from 2000, by year (A)

Cross tabulation (b)

Frequency of types of infection and pathogens by year of the transplant after which they took place.

Advanced/Designer Query #filter

Infections::Any time after transplant, after 2000, one row per infection

Fields can be added or removed from the report, but only within the fields selected in this advanced query.

Infections::After transplant, from 2000, by year, UK (A)

Cross tabulation (b)

As above, but only for patients which were transplanted in the UK. This is an example in which a population filter has been stored with the report.

Advanced/Designer Query #filter

Infections::Any time after transplant, after 2000, one row per infection**Population filter****Country::UK**

Fields can be added or removed from the report, but only within the fields selected in this advanced query. The population filter can be changed to any other country, or even to a completely different criterion.

Infections::Split by episodes, transplant after 2000, UK (A)

Cross tabulation (b)

As above but the frequency of types of infection and pathogens is presented separately for every single episode that took place after 2000. A population filter has been stored with the report.

Advanced/Designer Query #filter

Infections::Any time after transplant, after 2000, up to 3 diff dates, one row per transplant**Population filter****Country::UK**

Fields can be added or removed from the report, but only within the fields selected in this advanced query.

Status::Transplant Related Causes of Death

Frequency (a)

Frequency of different types of causes of death in patients whose main cause of death is treatment related.

Record filter**Patient status::Treat related death**

Fields can be added or removed from the report at will.

Transplant::PBSC only

Frequency (a)

Frequency of the type of transplant restricted to PBSC

Record filter**Transplant::Source::PBSC Transplant**

Record filter can be changed to reflect another kind of transplant.

Fields can be added or removed from the report at will. All fields must come from the Treatment table or one of its children tables.

Transplant::Type, year x transplant details since 2000

Cross tabulation (b)

Frequencies of fields typically related to a transplant treatment cross tabulated against (1) the type and against (2) the year of the transplant for transplants performed since 2000

Record filter**Transplant::Year::Transplant treatment from 2000 onwards**

The record filter can be removed or changed to restrict the record to another transplant specification or, even, to another type of treatment.

Fields can be added or removed from the report. The cross tabulating fields, type of transplant and year, can be changed to others. All fields must belong either to the patient or treatment tables, or to one child of the treatment table.

Year x Trpl treat fields::1st reported allografts only

Cross tabulation (b)

Frequency of standard transplant related fields against the year of the transplant, but only for the 1st allograft performed for each patient.

Record filter**Transplant::Type::1st reported allo for that patient**

Fields can be added or removed from the report, and the cross tabulation field can be changed. The record filter can be modified to further restrict the type of transplant or even select a non-transplant treatment record. All fields must come from the Patient table, the Treatment table or one of its children tables.

Year x Trpl treat fields::1st transplant of each type per patient

Cross tabulation (b)

Frequency of standard transplant related fields against the year of the transplant, but only for the 1st transplant of each type for each patient.

Record filter**Transplant::Type::1st reported allo or auto for that patient**

Fields can be added or removed from the report, and the cross tabulation field can be changed. The record filter can be modified to further restrict the type of transplant or even select a non-transplant treatment record. All fields must come from the Patient table, the Treatment table or one of its children tables.

Year x Trpl treat fields::All

Cross tabulation (b)

Frequency of standard transplant related fields against the year of the transplant for all transplants.

Record filter**Transplant::Select record::Transplant treatment**

Fields can be added or removed from the report, and the cross tabulation field can be changed. The record filter can be modified to further restrict the type of transplant or even select a non-transplant treatment record. All fields must come from the Patient table, the Treatment table or one of its children tables.

Year x Trpl treat fields::Solid tumours, 2003 onwards

Cross tabulation (b)

Frequency of standard transplant related fields against the year of the transplant, but only for those patients who have been transplanted for a solid tumour from 2003 onwards.

Record filter**Transplant::Select record::Transplant treatment**

Fields can be added or removed from the report, and the cross tabulation field can be changed. The record filter can be modified to further restrict the type of transplant or even select a non-transplant treatment record. All fields must come from the Patient table, the Treatment table or one of its children tables.

ADVANCED

Advanced reports can be interpreted as a series of standard columnar reports, each one looking at a single table and placed in parallel one after the other.

Database fields._

You can add or remove the fields in these reports according to your needs. You have to pay attention that your fields make sense with the type of population and filtering that you are using: adding engraftment items to the assessment record at diagnosis may not be quite the thing to do. If you do add or remove fields, remember to save the report with another name if you intend to use it again in the future.

Population._

Some reports are restricted to a specific population of patients while some are not. In all cases, populations can be selected or changed by adding or modifying the record filters used in the report.

Default items._

All reports have by default the key or index fields for each table. These are always the centre where the first transplant was performed and the number of the patient in that centre. For the assessment, treatment and diagnosis tables, it will also have the date of the record. For all other tables it will have the code used in the index, such as the chemotherapy, source and timing of cells being measured, etc. and the date corresponding to the parent record.

Recommended items._

If the records being selected come from the assessment, treatment or diagnosis tables, the items which indicate whether the date is exact or approximate should also be present. This item is very important and should always be checked if you are going to use the data to perform statistical analyses since it may not be appropriate to use approximate dates for some of them. To increase legibility on the screen, these items have been left out of certain reports when we felt the report was going to be used more for a quick check than for downloading.

If the records being selected come from the assessment, treatment or diagnosis tables, we have also aimed to include those items which indicate the reason, context or type of record (see **Formulae fields** at the beginning of this document). As above, in some cases they have been left out.

The field (*SQL Server autonumber field*) in the patient table should always be included. This field is unique for the patient and cannot be changed by the user. As above, in some cases it has been left out.

Excel Macros

The advanced queries can be downloaded in as many formats as are available in the Export facility. If they are downloaded in Excel, further editing can be done once you open the downloaded Excel file. A series of pre-programmed macros will allow the user to increase the user friendliness of the output. For more information, contact the ProMISe helpdesk.

Editing

The editing of advanced queries is tricky: a change in the restriction of one view may modify the dependency of other views. The ProMISe helpdesk will be happy to check modified queries for you.

All queries in this series uses filters to select the Transplant record in the Treatment table. To restrict the diagnosis use the field "Last diagnosis before this treatment" in that same record. Do not use the filters in the Diagnosis record, should there be a Diagnosis record in the query.

These queries have been stored with a minimum set of fields. Adding or removing fields can be done easily and will not cause any problems.

Nomenclature

We have followed the following conventions when naming some of the reports:

<i>transplant (t)</i>	only the treatment table is represented for the transplant information
<i>transplant</i>	both the treatment and assessment tables are represented
<i>diagnosis (d)</i>	only the diagnosis table is represented for the diagnosis information
<i>diagnosis</i>	both the diagnosis and assessment tables are represented

Allograft, GvHD::aGvHD, cGvHD All

One record per transplant.

The report extracts information on the aGvHD of allografts, and on the first instance of cGvHD.

Filters

Query #A: **Transplant::Type::Allo SCT**

Selects allografts. It can be changed to other types of treatment but it may not make sense unless that treatment could produce GvHD (e.g. DLI)

Query #B: **cGvHD::cGvHD record**

Selects assessment records where cGvHD was detected. Could be changed to secondary disease, relapse, graft loss, etc.

Population filters can be added to the Patient table in Query #F.

Allograft, GvHD::aGvHD, cGvHD within 10 years

One record per transplant. As above, but the cGvHD information must be within the 1st 10 years after the transplant. Note: this report is not tight enough in that it may measure the 10 years from an autograft, if there was an autograft performed between the allograft and the cGvHD record.

Filters

Query #A: **Transplant::Type::Allo SCT**

Selects allografts. It can be changed to other types of treatment but it may not make sense unless that treatment could produce GvHD (e.g. DLI)

Query #B: **cGvHD::cGvHD record within 10 years**

Selects assessment records where cGvHD was detected within 10 years from last transplant. Could be changed to secondary disease, relapse, graft loss, etc.; the interval can be modified.

Population filters can be added to the Patient table in Query #F.

Check::Double date of death or alive after death

One record per patient

Selects all patients that have two dates of death or an assessment exists after the date of death

Filters

Query #B: **Death or last assessment**

Check::More than 1 date diagnosis for same diagnosis

One record per diagnosis, unless there are more than two repeated diagnosis, in which case all possible pairs will appear.

Selects all diagnosis which appear with two different dates. This report is meant to help data managers to clean the data.

Filters

Query #A: **Diagnosis::Select record::Other diagnosis before**

Selects a diagnosis record that must have another diagnosis at an earlier date

Query #B: **Diagnosis::Select record::Other diagnosis after**

Selects a diagnosis record that must have another diagnosis at a later date

Check::Possible double registration (same date of birth)

One record per patient.

Selects diagnosis and transplant from two different patients that share the same date of birth.

Filters

Query #B: **Transplant::Select record::Transplant treatment**

Check::Possible double registration or wrong UPN assignment (same UPN)

One record per patient.

Selects diagnosis and transplant from two different patients that share the same UPN.

Filters

Query #B: **Transplant::Select record::Transplant treatment**

Comprehensive: series

The series of advanced queries under this name are meant to produce a comprehensive view of the database and we will be adding to them in the future. They are all based on one row per transplant. As they are, they will capture all transplants. For this reason, large registries should apply population filters to restrict the output so as to not overload the server.

Comprehensive::a Core data

One row per transplant

Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment, Assessment and Donor tables at transplant. It also contains information on cells infused at transplant.

Record filters

Query #B: Diagnosis::Select record::Diagnosis indication for transplant

This filter should not be changed to further restrict the diagnosis. See Query #N below.

Query #C: Transplant::Select record::Transplant treatment

This filter can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #D: Diagnosis::Select record::Assessment for diagnosis indication for transplant**Query #E: Transplant::Select record::Assessment for transplant****Query #K: Cell counts::Cells infused**

This filter can be changed to obtain counts of cells collected, or cells after manipulation but before freezing

Query #N: Diagnosis::Select record::Diagnosis indication for transplant

This filter can be modified to restrict to a certain type of diagnosis, whether it is by year, or type of disease, etc.

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Comprehensive::a Core data w FUp items

One row per transplant

It has the same information as the Query #above, but it also includes the first date of relapse or first date of cGvHD if applicable, and date of last assessment. This Query #allows you to download in one go all the information you will need for many of the preliminary analyses.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

This filter should not be changed to further restrict the diagnosis.

Query #C: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Query #G: **Cell counts::Infused cells**

Can be changed to obtain counts of cells collected, or cells after manipulation but before freezing

Query #H: **cGvHD:: cGvHD record**

Query #I: **Relapse::Relapse or progression**

Query #J: **Assessment::Last assessment**

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Comprehensive::a Core data w FUP items::Imatinib mesylate at transplant

One row per transplant

It has the same information as the Query #above. It is an example on how it can be used for a very specific set of transplants. In this case only selects information from those transplant treatments which were accompanied by the use of imatinib mesylate. This is obtained by modification the record filter in Query #C (see below).

Record filters

Query #B: Diagnosis::Select record::Diagnosis indication for transplant

This filter should not be changed to further restrict the diagnosis.

Query #C: Chemo::Imatinib mesylate at transplant

Note that we are using a record that filters according to a child table. It can be changed to any other drug, etc. As before, it can also be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #D: Diagnosis::Select record::Assessment for diagnosis indication for transplant**Query #E: Transplant::Select record::Assessment for transplant****Query #G: Cell counts::Infused cells**

Can be changed to obtain counts of cells collected, or cells after manipulation but before freezing

Query #H: cGvHD:: cGvHD record**Query #I: Relapse::Relapse or progression****Query #J: Assessment::Last assessment**

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Comprehensive::b Infections pre 100 days, censored at next transplant

One row per transplant

Provides a row of infectious episodes, one after the other, as long as they were recorded on the date of the transplant or took place within 100 days after transplant. It is censored on the date of the next transplant so any infections that happen after that subsequent transplant do not appear.

Record filters

Query #A Assessment::Within 100 d from transplant

Selects any assessment as long as it is within 100 days from last transplant. It includes day 0, which is the date of transplant.

Query #J Transplant::Select record::Transplant treatment

Can be changed to characterise the transplant with higher precision. The modification of the filter will affect all the transplants reported.

Comprehensive::c Chemotherapy and MoAB at transplant

One row per transplant

Provides a row of drugs and MoABs, one after the other, given during the transplant, no reason specified. Has information from the transplant treatment record and the diagnosis.

Record filters

Query #A Transplant::Select record::Transplant treatment

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #J: Diagnosis::Select record::Diagnosis indication for transplant

This filter should not be changed to further restrict the diagnosis.

Comprehensive::c Chemotherapy and MoAB at transplant::Imatinib mesylate

One row per transplant

It has the same information as the Query #above. It is an example on how it can be used for a very specific set of transplants. In this case only selects information from those transplant treatments which were accompanied by the use of imatinib mesylate. This is obtained by modification the record filter in Query #A (see below).

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Record filters

Query #A Chemo::Imatinib mesylate at transplant

Can be changed to any other drug, etc. As before, it can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #J: Diagnosis::Select record::Diagnosis indication for transplant

This filter should not be changed to further restrict the diagnosis.

Comprehensive::c Conditioning chemotherapy

One row per transplant

Provides a row of drugs, one after the other, given during the transplant and considered as conditioning.

Record filters

Query #A Transplant::Select record::Transplant treatment

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B Reason for chemo::Conditioning only

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (i.e.: GvHD prophylaxis)

Query #K: Transplant::Select record::Assessment for transplant**Query #J: Diagnosis::Select record::Diagnosis indication for transplant**

This filter should not be changed to further restrict the diagnosis.

Comprehensive::c Conditioning chemotherapy::CR before graft

One row per transplant. Similar to the report above but restricted to certain transplants.

Provides a row of drugs, one after the other, given during the transplant and considered as conditioning.

Record filters

Query #A Transplant::Select record::Transplant treatment

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B Reason for chemo::Conditioning only

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (i.e.: GvHD prophylaxis)

Query #K: Transplant::Select record::Assessment for transplant**Query #J: Diagnosis::Select record::Diagnosis indication for transplant**

This filter should not be changed to further restrict the diagnosis.

Query #P: Disease status::Assessment for CR

The addition of this Query #to the end of the report restricts the whole report to transplants that must have had a CR before the transplant.

Comprehensive::d GvHD prophylaxis chemotherapy

One row per transplant. This is a variation of **Comprehensive::c**

Provides a row of drugs, one after the other, given during the transplant and considered as prophylaxis for GvHD.

Record filters

Query #A Transplant::Type::Allo SCT

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B Reason for chemo::GvHD prophylaxis only

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (see above)

Comprehensive::e cGvHD, last assessment

One row per transplant.

Provides an overview of cGvHD, with the first instance of cGvHD in absolute, or first presentation as limited, or as extensive, or the very last time it was indicated as being absent. It also has the very last assessment found in the database for that patient.

Record filters

Query #A Transplant::Type::Allo SCT

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B cGvHD::cGvHD record**Query #C cGvHD::Absent cGvHD record****Query #D cGvHD::Limited cGvHD record****Query #E cGvHD::Extensive cGvHD record****Query #F Assessment::Last assessment****Comprehensive::e cGvHD, last assessment, censored at next transplant**

One row per transplant.

Similar to the Query #above, but ensures that the GvHD records selected are not from a date after a subsequent allograft.

Record filters

Query #A Transplant::Type::Allo SCT

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B cGvHD::cGvHD record**Query #C cGvHD::Absent cGvHD record****Query #D cGvHD::Limited cGvHD record****Query #E cGvHD::Extensive cGvHD record****Query #F Assessment::Last assessment**

Comprehensive::f Relapse, last assessment

One row per transplant.

Provides an overview of relapse/progression after transplant, with the first instance of relapse in absolute, and first haematological, immunological, cytogenetic or molecular presentation, and the very last time it was indicated as being absent. It also has the very last assessment found in the database for that patient.

Record filters

Query #A Transplant::Select record::Transplant treatment

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B Relapse::Relapse or progression**Query #C Relapse::Haematological relapse record****Query #D Relapse::Immunological relapse record****Query #E Relapse::Cytogenetic relapse record****Query #F Relapse::Molecular relapse record****Query #K Relapse::Absent relapse record****Query #N Assessment::Last assessment****Comprehensive::f Relapse assessment, last assessment censored at next transplant**

One row per transplant.

Similar to the Query #above, but ensures that the relapses records selected are not from a date after a subsequent transplant.

Record filters

Query #A Transplant::Select record::Transplant treatment

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #B Relapse::Relapse or progression**Query #C Relapse::Haematological relapse record****Query #D Relapse::Immunological relapse record****Query #E Relapse::Cytogenetic relapse record****Query #F Relapse::Molecular relapse record****Query #K Relapse::Absent relapse record****Query #N Assessment::Last assessment**

Comprehensive::g Infections post 100 days, up to 3 diff dates

One row per transplant

Provides a row of infectious episodes, one after the other, as long as they were recorded on dates after 100 days had elapsed from the last transplant.

Record filters

Query #C **Assessment::Assessment after 100d from transplant**

Can be changed to select a different period (example: the year must be after 2002)

Query #J **Transplant::Select record::Transplant treatment**

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Comprehensive::g Infections post 100 days, up to 3 diff dates, censored at next transplant

One row per transplant

As above, but ensures that the infection records selected are not from a date after a subsequent transplant.

Record filters

Query #C **Assessment::Assessment after 100d from transplant**

Can be changed to select a different period (example: the year must be after 2002)

Query #J **Transplant::Select record::Transplant treatment**

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment. The modification of the filter will affect all the transplants reported.

Comprehensive::h Involvement at transplant

One row per transplant

Provides a row of involvement sites, one after the other, at transplant

Record filters

Query #A **Transplant::Select record::Assessment for transplant**

Can be changed to characterise the transplant with higher precision as long as the fields are in the Assessment table (example: only patients transplanted in CR). The modification of the filter will affect all the transplants reported.

Comprehensive::i Involvement at diagnosis

One row per transplant

Provides a row of involvement sites, one after the other, at diagnosis

Record filters

Query #A **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Can be changed to characterise the diagnosis with higher precision as long as the fields are in the Assessment table (example: only patients with high WBC levels). The modification of the filter will affect all the diagnosis reported.

Comprehensive::j Treatment prior to transplant

One row per transplant

Selects data from the transplant treatment and up to 3 non graft (non DLI) treatments including their chemotherapies.

Record filters

Query #B Treatment::Non-cell treatment (no transplant, no DLI)

Can be changed to characterise the treatment with more precision.

Query #J Transplant::Select record::Transplant treatment

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Comprehensive::j Treatment prior to transplant::Myelofibrosis 1st allo over 18

One row per transplant

It has the same information as the Query #above but for a specific set of patients and transplants. It restricts the population to myelofibrosis patients by adding a record filter to Query # A, and restricts the transplants as required by modifying the record filter in Query #J (see below) .Selects data from the transplant treatment and up to 3 non graft (non DLI) treatments including their chemotherapies.

Record filters

Query #A Diagnosis::Disease::MDS_MPS::MPS::Myelofibrosis

Acts as a population filter, taking any patient that has had at least one transplant for myelofibrosis. The same patient may have other allografts for other primary or secondary diseases, so this record filter does not guarantee that the first allograft be for the myelofibrosis, but it does narrow it down.

Query #B Treatment::Non-cell treatment (no transplant, no DLI)

Can be changed to characterise the treatment with more precision.

Query #J Transplant::Complex:: 1st Allo before 2006, 18 or over, MPS

Restricts transplants to 1st allografts done for an MPS in adults before 2006. Can be changed to characterise the transplant with any other precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

The combination of the filters in Query #A (myelofibrosis patient) and Query #J (MPS transplant), makes it very unlikely that the data belong to anything else than a transplant performed for myelofibrosis.

Comprehensive::k After graft treatment NOT for relapse_prog w. last assessment

One row per transplant

Selects data for a non transplant treatment that happened after the transplant but before the relapse or progression, if applicable.

Record filters

Query #A **Treatment::Non-cell treatment (no transplant, no DLI)**

Query #B **Transplant::Select record::Transplant treatment**

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Query #C **Relapse::Relapse or progression**

Can be changed to any other occurrence which we want to use for censoring, such as cGvHD.

Query #D **Assessment::Last assessment**

Comprehensive::l DLI (up to 4 episodes)

One row per transplant

Selects data for up to 4 episodes of DLI that happened after any allo transplant.

Record filters

Query #B **Transplant::Type::Allo SCT**

Restricts to allo. Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Query #C **Treatment::Donor lymphocyte infusion (DLI)**

Can be changed to describe any other type of treatment (MoAB with Surgery, imatinib mesylate treatment, etc.) for which we want the information.

Query #D **Assessment::Last assessment**

Comprehensive::m Mobilisation

One row per transplant

Selects data for up to 2 episodes of mobilisation with up to 6 drugs in each mobilisation.

Record filters

Query #B Mobilisation::Select record:: Mobilisation treatment

Restricts to allo. Can be changed to characterise the mobilisation with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the mobilisations reported.

Query #C Drugs

Can be changed to restrict the drug.

Query #J Transplant::Select record::Transplant treatment

Can be changed to restrict to autos only. Note that if restriction is applied, transplants in between the one chosen and the previous mobilisation may disappear from the download.

Query #K Mobilisation::Select record:: Assessment for mobilisation**Comprehensive::n Cytogenetics at diagnosis**

One row per transplant

Selects data for up to 12 different chromosomal abnormalities detected at diagnosis.

Record filters

Query #A Diagnosis::Select record::Diagnosis indication for transplant

This record filter should not be changed to further restrict diagnosis, unless the patient has only had one diagnosis indication for transplant.

Query #B: Diagnosis::Select record::Assessment for diagnosis indication for transplant

This record filter should not be changed to further restrict diagnosis, unless the patient has only had one diagnosis indication for transplant.

Query #D Cytogenetics::Abnormality present

Restricts to those assessments in which cytogenetic abnormalities were explicitly stated as not absent. Can be changed adding further restrictions (markers must also be present, etc.).

Query #K Transplant::Select record::Transplant treatment

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Comprehensive::o HLA Donor, HLA patient, up to 2 donors

One row per transplant

Selects the HLA for the 6 locus in up to 2 different donors and the patient.

Record filters

Query #C Transplant::Select record::Transplant treatment

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Query #D HLA::Donor::Serology

Selects serology records from the HLA Donor table.

Query #D HLA::Donor::Molecular

Selects molecular records from the HLA Donor table.

Query #F HLA::Patient::Serology

Selects serology records from the HLA Patient table.

Query #G HLA::Patient::Molecular

Selects molecular records from the HLA Patient table.

Comprehensive::p CR and Relapse before 1st transplant

One row per transplant

Selects data for the 1st CR and the 1st relapse before transplant number 1.

Record filters

Query #A Disease status::Assessment for Disease status=CR**Query #B Disease status::Assessment for Disease status=Relapse**

In theory, the two record filters above could be changed to describe any other type of assessment, but the result will always assume that –if they exist- the occurrences in Query #B will always have taken place after the occurrences in Query #A.

Query #C Transplant::Select record::Assessment for transplant

Can be further restricted, but the occurrences in this Query #will always have happened after the ones in Query #A and Query #B and at the same time as Query #D.

Query #D Transplant::Number::Transplant No. 1

Can be changed to further restrict the transplant, but the output may lose its relevance.

Comprehensive::q Molecular markers at diagnosis

One row per transplant

Selects data for up to 12 different molecular makers tested at diagnosis.

Record filters

Query #A Diagnosis::Select record::Diagnosis indication for transplant

This record filter should not be changed to further restrict diagnosis, unless the patient has only had one diagnosis indication for transplant.

Query #B: Diagnosis::Select record::Assessment for diagnosis indication for transplant

This record filter should not be changed to further restrict diagnosis, unless the patient has only had one diagnosis indication for transplant.

Query #D Molecular markers::Evaluated (present or absent)

Restricts to those assessments in which molecular makers were explicitly stated as having been tested (note difference with *Comprehensive::n Cytogenetics at diagnosis* above. Can be changed adding further restrictions (cytogenetic abnormalities must also be present, etc.).

Query #K Transplant::Select record::Transplant treatment

Can be changed to characterise the transplant with higher precision as long as the fields are in the Treatment table. The modification of the filter will affect all the transplants reported.

Comprehensive::zMed-A only::a Core data

One row per transplant

This Query# is similar to *Comprehensive::zMed-A only::a Core data* above. The main difference is that all the fields chosen belong to Med-A only.

Record filters

Query #B: Diagnosis::Select record::Diagnosis indication for transplant

This filter should not be changed to further restrict the diagnosis.

Query #C: Transplant::Select record::Transplant treatment

This filter can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #D: Diagnosis::Select record::Assessment for diagnosis indication for transplant**Query #E: Transplant::Select record::Assessment for transplant**

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

The *Comprehensive::* series ends here.

Conditioning specific::Cyclophosphamide and accompanying drugs

One row per transplant

Selects all transplant records with Cyclophosphamide, and up to 4 other conditioning drugs given with it.

Record filters

Query #A: Transplant::Select record::Transplant treatment

This filter can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #B Chemo::Conditioning::Cyclophosphamide

Can be changed to select other type of chemotherapy.

Query #D: Chemo::Reason::Conditioning**Conditioning specific::Cyclophosphamide and accompanying drugs, 2001 onwards**

One row per transplant

Same as above, but restricted to transplants performed from 2001 onwards.

Record filters

Query #A: Transplant::Year::Transplant 2001 onwards

This filter can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #B Chemo::Conditioning::Cyclophosphamide

Can be changed to select other type of chemotherapy.

Query #D: Chemo::Reason::Conditioning

Follow up::Diagnosis (d), last transplant (t), relapse, last assessment::Alive, last seen over 1 year ago

One row per transplant

Contains information on the last diagnosis indication for transplant, last transplant, relapse after last transplant (if applicable) and last assessment for patients who were alive on their last follow up and their last follow up was more than 1 year ago.

This report is meant to assist data managers in keeping up with the patients that are due a follow up. To preserve this purpose, we recommend that no major changes are made to it, except the addition or removal of fields.

Record filters

Query #A: Patient status::Alive, last seen over 1 year ago

Is attached to the patient table and is, therefore, used as a population filter. It selects all patients who have not been declared dead and whose last date of contact is over 1 year ago. It could be changed to any private filter, and would select the population defined by the filter. If removed, all patients, dead or alive, will be selected.

Query #B Diagnosis::Number::Last diagnosis indication for transplant

Selects the last diagnosis indication for transplant. This filter can be changed such that the diagnosis has additional criteria (example: secondary disease), but the diagnosis should still be the last diagnosis to ensure consistency with the transplant. A record filter with more restrictions will reduce the original population.

Query #D Transplant::Number::Last transplant

Can be changed to specify a transplant with additional characteristics, but the transplant should still be the last transplant to maintain the spirit of the report.

Query #F Relapse::Relapse or progression**Query #H Assessment::Last assessment*****Infections::Any time after transplant, after 2000, one row per infection***

One row per infection

The output has the very first transplant of the type defined by Query #A, followed by any other transplant for that patient and the information on each infectious episode. The infectious episode must have happened in between transplants, if there is a subsequent transplant.

Record filters

Query #A Transplant::Year::Transplant 2000 onwards

Can be changed to characterise the transplant treatment with higher precision.

Query #B Transplant::Select record::Transplant treatment

Do not change.

Infections::Any time after transplant, after 2000, up to 3 diff dates, one row per transplant

One row per transplant

The output has the very first transplant of the type defined by Query #A, followed by up to 3 assessments, on the same or subsequent date, in which there has been an infection registered. There are up to 7 different infectious types for each assessment date. There is no censoring on subsequent transplant, so patients with more than one transplant, with infections present after a subsequent transplant, will have repeated entries for the infections.

Record filters

Query #A **Transplant::Year::Transplant 2000 onwards**

Can be changed to characterise the transplant treatment with higher precision.

Query #B **Transplant::Select record::Transplant treatment**

Do not change.

Patient index (up to 6 transplants)::Transplant (t), diagnosis (d), last assessment::All

One row per patient

Binds up to 6 consecutive transplants, each one followed by its own diagnosis indication for transplant (which may be the same).

Record filters

Query #B **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C **Transplant::Select record::Transplant treatment**

Can be changed to characterise the transplant treatment with higher precision. The modification of the filter may reduce the number of transplants reported per patient

Query #H **Assessment::Last assessment**

Patient index (up to 6 transplants)::Transplant (t), diagnosis (d), last assessment::Transplant 2004

One row per patient

Similar to previous query, but restricted to transplants performed in 2004.

Record filters

Query #B **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C **Transplant::Year::Transplant treatment**

Can be changed to characterise the transplant treatment with higher precision or change the year. The modification of the filter may reduce or enlarge the number of transplants reported per patient

Query #H **Assessment::Last assessment**

Patient index (up to 6 transplants)::Transplant, relapse, last assessment::All

One row per patient. This report is a variation on the two above.

Binds up to 6 consecutive transplants (including the data for the transplant assessment) with their respective relapses and the assessment for the very last assessment date for that patient in the database. The relapses are taken as the first date in which relapse has been noted after that particular transplant. It may happen before the next transplant, or after any number of subsequent transplants if at all.

Record filters

Query #B **Transplant::Select record::Transplant treatment**

Can be changed to characterise the transplant treatment with higher precision. The modification of the filter may reduce the number of transplants reported per patient.

Query #C **Relapse::Relapse or progression**

Can be changed to provide the first date of cGvHD, rather than the first date of relapse, after each transplant. It can be changed to private filters with other conditions such as "Infection" or "Complication", etc., and will give the first date after each transplant in which that condition is met.

Query #L **Assessment::Last assessment**

Should not be changed if the user wants the last assessment to be there. However, the user may want the last assessment with a certain condition (example: last time disease status was assessed), and then the filter can be changed to the corresponding private filter. The record filter should be such that it will select only one record per patient when run by itself.

Specific populations:: a_cGvHD AcLk IdSib 2000-2005 CR1 or CR2 Methx+Cyclosp v Cyclosp Only

One record per transplant. Selects aGvHD and highest possible cGvHD for patients with primary Acute leukaemia receiving an identical sibling allograft between 2000-2005, who had received prophylaxis for GvHD with Methotrexate and/or Cyclosporine, and transplanted in CR 1 or CR 2

Filters**Query #A: Complex::Allo SCT from 1999-2005, IdSib**

Selects identical siblings allografts performed between 2000 and 2005. It can be changed to another treatment specification, including DLI

Query #B: cGvHD::Highest cGvHD grade record

Complex record filter which ensures we capture the highest grade cGvHD that exists. It can be changed to select another type of cGvHD (e.g. Limited), or some other follow up event such as relapse

Query #C: Transplant::Disease status::Transplant CR1 _ CR2

selects transplants with disease status CR1 or CR2. It can be changed to another criteria to select the transplant as long as it is in the assessment table, for example, the criteria can be changed to ensure that there has been a previous relapse

Query #F: Chemo::Cyclosporin and Methotrexate**Query #H: Chemo::Cyclosporin but no Methotrexate**

Both record filters can be changed to select other types of drugs. It could even be changed to select MoAB or other children table of the transplant such as Infections or complications. In all these cases, the whole table needs to be changed

Query #J: Diagnosis::Disease::AL::Primary acute leukaemia

Selects primary acute leukaemias. It can be changed to other diseases, or further restrictions can be added (i.e.: the acute leukaemia must be AML M2)

Query #K: Diagnosis::Select record::Diagnosis indication for transplant

Ensures that the calculations are done for transplants performed for the disease selected in **Query #J** and not for transplants performed after a subsequent diagnosis. This filter must not be modified in any way

Specific populations::Diagnosis (d), patients with secondary malignancy

One record per patient in general. However, if patient had more than two diagnosis, there will be more than one record per patient.

Selects the last and previous diagnosis for patients having more than one diagnosis. The earliest diagnosis selected will be indication for transplant, but the last diagnosis selected may or may not be indication for transplant.

Record filters**Query #B: Diagnosis::Select record::Diagnosis indication for transplant**

Selects any diagnosis indication for transplant. It can be changed to other types of diagnosis (example: not indication for transplant) or with additional characteristics (example: must be ALL).

Query #C: Diagnosis:: Secondary::Secondary malignancy after transplant

Selects any diagnosis as long as it is not the first diagnosis. It can be modified to private filters with more restrictions (example: interval from last transplant must be at least 5 years). The combination of this filter with the one above may restrict the output considerably. (example: ALL that had a secondary disease after 10 year from previous transplant).

Transplant(t), conditioning, diagnosis(d)::Transplant after 2000

One row per transplant. This is an adaptation of *Comprehensive::c*.

Provides a row of drugs, one after the other, given during the transplant and considered as conditioning for all transplants performed after 2000. It adds the relevant diagnosis at the end.

Record filters

Query #A **Transplant::Year::Transplant 2001 onwards**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood), or to change the period of time. The modification of the filter will affect all the transplants reported.

Query #B: **Chemo::Reason::Conditioning only**

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (i.e.: GvHD prophylaxis).

Query #J: **Diagnosis::Select record::Diagnosis indication for transplant**

Should not be changed on its own without further editing unless it is certain that the patient only had one diagnosis indication for transplant. If this is not the case, further queries will need to be added to ensure the transplants correspond to this disease and not to a subsequent diagnosis.

Transplant(t), diagnosis (d)::All

One row per transplant.

Provides a simple list of patients with details on the transplant treatment table and the corresponding diagnosis table.

Record filters

Query # B: **Diagnosis::Select record::Diagnosis indication for transplant**

Should not be changed on its own without further editing unless it is certain that the patient only had one diagnosis indication for transplant. If this is not the case, further queries will need to be added to ensure the transplants correspond to this disease and not to a subsequent diagnosis.

Query #C: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood), or to change the period of time. The modification of the filter will affect all the transplants reported.

Transplant(t), donor, conditioning, diagnosis(d), relapse, last assessment::All

One row per transplant

This is a simplified variation on the query *Comprehensive::a Core data w FU items*, without the possibility of obtaining details on the diagnosis assessments record, but with the addition of drugs. The individual drugs must be marked as conditioning, but not so the protocols.

Record filters

Query #A: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The filter can be further edited to select the diagnosis for which the transplant was done by using the field "Last diagnosis before this treatment". The modification of the filter will affect all the transplants reported.

Query #B: **Transplant::Select record::Assessment for transplant**

Can be changed to characterise the transplant better.

Query #C: **Chemo::Reason::Conditioning or null (protocol only)**

Can be changed to further restrict the drugs being shown, or can be completely removed.

Query #D: **Diagnosis::Select record::Diagnosis indication for transplant**

This filter should not be changed to further restrict the diagnosis.

Query #E: **Relapse::Relapse or progression**

Query #F: **Assessment::Last assessment**

The addition of a record filter to Query #S will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Transplant, conditioning, diagnosis(d)::ALL IdSib CR1 2001-2006

One record per patient

Selects all allografts performed between 2000 and 2006 with identical sibling donor after a diagnosis of ALL, in CR1. Although most transplants will have been done for ALL, it is possible that some of the transplants selected were done after a secondary diagnosis that took place after a transplant for ALL. It provides up to 7 conditioning drugs.

Record filters

Query #A: **Complex::Allo SCT 2000-2006, IdSib**

Can be changed to any other type of transplant.

Query #B: **Chemo::Reason::Conditioning only**

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (i.e.: GvHD prophylaxis).

Query #J: **Diagnosis::Select record::Diagnosis indication for transplant**

Selects any diagnosis indication for transplant. Should not be restricted further.

Query #L: **Diagnosis::Disease::AL::Primary acute lymphocytic leukaemia (ALL)**

Can be changed to any other filter. Due to it acting on the Patient table, it will work as a population filter.

Query #M: **Transplant::Disease status::Transplant CR1**

Can be changed to identify the transplant by another characteristic (example: did not develop aGvHD).

Transplant, conditioning, diagnosis(d)::PCD CR1 or PR

One record per patient

This is based on the same structure as the above report. Selects all transplants performed in CR or PR after a diagnosis of Plasma cell disorders. Although most transplants will have been done for PCD, it is possible that some of the transplants selected were done after a secondary diagnosis that took place after a transplant for PCD.

Record filters

Query #A: **Transplant::Select record::Transplant treatment**

Can be changed to any other type of transplant.

Query #B: **Chemo::Reason::Conditioning only**

Can be removed to allow all drugs given during this period to appear, or it can be modified to restrict to certain kinds of drugs or other reasons (ie: GvHD prophylaxis).

Query #J: **Diagnosis::Select record::Diagnosis indication for transplant**

Selects any diagnosis indication for transplant. Should not be restricted further.

Query #L: **Diagnosis::Disease::PCD::Only diagnosis Plasma cell disorders**

Can be changed to any other filter. Due to it acting on the Patient table, it will work as a population filter.

Query #M: **Transplant::Disease status::Transplant in PR or 1st CR**

Can be changed to identify the transplant by another characteristic (example: did not develop aGvHD).

Transplant, diagnosis, relapse, last assessment::After 1999

One row per transplant

Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant if the transplant was performed after 1999. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2000 onwards**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Transplant, diagnosis, relapse, last assessment::All

One row per transplant

This the same structure as the above query but without restrictions on the transplant. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for all transplants. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

The addition of a record filter to Query #A will have the same effect as adding a population filter, restricting the output to those patients which comply with the requirements of that record filter at any point in their history.

Transplant, diagnosis, relapse, last assessment::Allo after auto

One row per transplant

This the same structure as the above queries but adding a population filter that restricts the patients selected. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for all transplants. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #A: **Transplant::Type::Allo after auto**

Can be changed to any type of filter. If removed, it reproduces the query above exactly.

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

Transplant, diagnosis, relapse, last assessment::Allo after auto, one diagnosis

One row per transplant

The result of the this query would be a subset of the above query, restricting it to the allograft treatment. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for the allograft. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #A: **Transplant::Type::Allo after auto**

Can be changed to any type of filter, but it must be compatible with the filter in Query #C below.

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Complex::Allo after auto, one diagnosis only**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

Transplant, diagnosis, relapse, last assessment::Auto

One row per transplant

Same structure as the above queries, but only for autografts. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Type::Auto SCT**

Can be changed to specify the transplant treatment with higher precision (example: only Bone marrow, or only Peripheral blood). The modification of the filter will affect all the transplants reported.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

Transplant, diagnosis, relapse, last assessment::Transplant no.1, after 1995

One row per transplant

Same structure as the above queries, but only for 1st transplants performed in 1995. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant. It also contains information on date of first relapse and date of last assessment.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Number::Transplant No. 1, 1996 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #J: **Relapse::Relapse or progression**

Query #L: **Assessment::Last assessment**

Transplant, donor, diagnosis:: All

One row per transplant

Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Select record::Transplant treatment**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Allo after 1994

One row per transplant

Variation on the above query. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant but only for allografts performed after 1994. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Type+Year::Allo SCT from 1995 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Auto after 1994

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant but only for autografts performed after 1994. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Type+Year::Auto SCT from 1995 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis::Diagnosis restricted::Transplant after 2000, Lym or PCD

One row per transplant

Same structure as the above queries, but this time also restricted by diagnosis. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2000 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Query #L: **Diagnosis::Combined diseases::Plasma cell disorders and lymphoma**

Can be changed to restrict the diagnosis further.

Transplant, donor, diagnosis:: Transplant after 1994

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for transplants performed after 1994. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 1995 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Transplant after 2000

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for transplants performed after 2000. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2000 onwards**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Transplant 2004

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for transplants performed on 2004. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2004**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Transplant 2005

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for transplants performed on 2005. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2005**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Transplant, donor, diagnosis:: Transplant 2006

One row per transplant

Variation on the above queries. Provides information at diagnosis and at transplant. It takes the data from the Diagnosis and Assessment tables for diagnosis, and from the Treatment and Assessment tables at transplant for transplants performed on 2006. It also contains information on the donor if relevant.

Record filters

Query #B: **Diagnosis::Select record::Diagnosis indication for transplant**

Query #C: **Transplant::Year::Transplant 2006**

Can be changed to specify the transplant treatment with other precision.

Query #D: **Diagnosis::Select record::Assessment for diagnosis indication for transplant**

Query #E: **Transplant::Select record::Assessment for transplant**

Can be changed to specify transplants aspects with more precision.

Formulae fields

Field name	Description	Table	Chapter	Section	Comments
_AA_LDM	Last absolute date of data modification		Identification & Administration	Database administration	This will provide the last date any modification was made to any of the main tables in the database.
_AA_AUTO	(SQL Server autonumber field)	Patient	ID & Administration	Administration	This field is unique for the patient and cannot be modified by any user. Any data that is to be sent out of centre / office / registry should use this field to identify the record rather than the patient identification (ID + IDAA).
RELSTA1	Relapse/progression after 1st transplant	Patient	Outcome	Overview	
DREL1	Date 1st evidence progr/last assessm if no prog aft 1st graft	Patient	Outcome	Overview	
DTRANS2	Date 2nd transplant	Patient	Outcome	Overview	
RELSTA2	Relapse/progression after 2nd transplant	Patient	Outcome	Overview	
DREL2	Date 1st evidence progr/last assessm if no prog aft 2nd graft	Patient	Outcome	Overview	
DTRANS3	Date 3rd transplant	Patient	Outcome	Overview	
RELSTA3	Relapse/progression after 3rd transplant	Patient	Outcome	Overview	
DREL3	Date 1st evidence progr/last assessm if no prog aft 3rd graft	Patient	Outcome	Overview	
DTRANS4	Date 4th transplant	Patient	Outcome	Overview	
RELSTA4	Relapse/progression after 4th transplant	Patient	Outcome	Overview	
DREL4	Date 1st evidence progr/last assessm if no	Patient	Outcome	Overview	

	prog aft 4th graft				
DTRANS5	Date 5th transplant	Patient	Outcome	Overview	
RELSTA5	Relapse/progression after 5th transplant	Patient	Outcome	Overview	
DREL5	Date 1st evidence progr/last assessm if no prog aft 5th graft	Patient	Outcome	Overview	
DTRANS6	Date 6th transplant	Patient	Outcome	Overview	
RELSTA6	Relapse/progression after 6th transplant	Patient	Outcome	Overview	
DREL6	Date 1st evidence progr/last assessm if no prog aft 6th graft	Patient	Outcome	Overview	
SURVSTA	Most recent survival status for this patient	Patient	Outcome	Overview	
DLASTSE	Date of last follow up	Patient	Outcome	Overview	
VINTFUP	Interval since last follow up if patient alive	Patient	Outcome	Overview	
AACOD2	Diagnosis (last entered, top)	Patient	Management	Registry administration	
AACOD8	Graft date (last entered)	Patient	Management	Registry administration	
MEDABT1	MED form filled in for transplant 1	Patient	Management	Registry administration	
MEDABT2	MED form filled in for transplant 2	Patient	Management	Registry administration	
MEDABT3	MED form filled in for transplant 3	Patient	Management	Registry administration	
MEDABT4	MED form filled in for transplant 4	Patient	Management	Registry administration	
MEDABT5	MED form filled in for transplant 5	Patient	Management	Registry administration	
MEDABT6	MED form filled in for transplant 6	Patient	Management	Registry administration	
_BB_FUZ	How approximate is the Index Date	Diagnosis	Identification & Administration	Database administration	Ensure you use <u>this</u> field in your reports and not the one entitled <i>Date precision</i>

					<i>(manual input) BBFUZ</i>
_BB_EVD	Type of diagnosis	Diagnosis			Ensure you use <u>this field</u> in your reports and not the one entitled <i>Type of diagnosis (manual input) BBEVD</i>
AGEDIAG	Age at this diagnosis	Diagnosis	Diagnosis classification		
INTDIAGT	Interval from last transplant to this diagnosis	Diagnosis	Main classification		
AACOD21	Disease classification	Diagnosis	Global subclassification	Global subclassification	
_BC_FUZ	How approximate is the Index Date	Treatment	Identification & Administration	Database administration	Ensure you use <u>this field</u> in your reports and not the one entitled <i>Date precision (manual input) BCFUZ</i>
_BC_EVD	Context of this treatment	Treatment			Ensure you use <u>this field</u> in your reports and not the one entitled <i>Context (manual input) BCEVD</i>
CENTRE	Centre in which this treatment was given	Treatment	General	Location	
VCENLAND	Country of the centre	Treatment			
UPN2	UPN for this patient for this treatment	Treatment			
AACO2T	Last diagnosis for this treatment	Treatment			Using this field to select the diagnosis will not relational cause problems
INTDIAG	Interval from last diagnosis to this treatment	Treatment			
AGETRT	Age at this treatment	Treatment			
_BE_FUZ	How approximate is the Index Date	Assessment	Identification & Administration	Database administration	Ensure you use <u>this field</u> in your reports and not the one entitled <i>Date precision (manual input) BEFUZ</i>
_BE_EVD	Reason for this assessment				Ensure you use <u>this field</u> in your reports and not the one entitled <i>Reason for this assessment (manual input) BEEVD</i>
INTDIAG1	Interval from last diagnosis		Record qualifier	Intervals	

INTTRAN	Interval from last transplant				
INTTRT	Interval from last conventional treatment				
AGE	Age at this assessment				
INTENGR	Interval to engraftment (days)		Engraftment and chimaerism	Engraftment	
AGEDONOR	Age of the donor	Donor	Donor	HLA relation, ABO, age and sex	