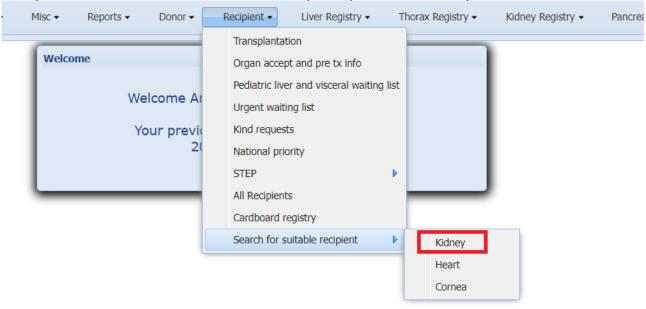
User manual search for suitable kidney recipient

Contents

1
2
3
5
5
6
7
7
8
10
11
13
14

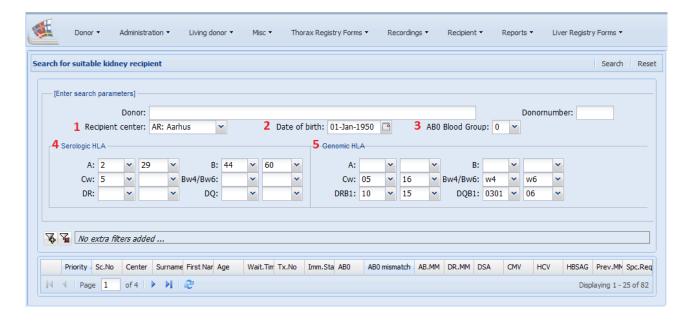
1. Find the menu 'search for suitable kidney recipient'



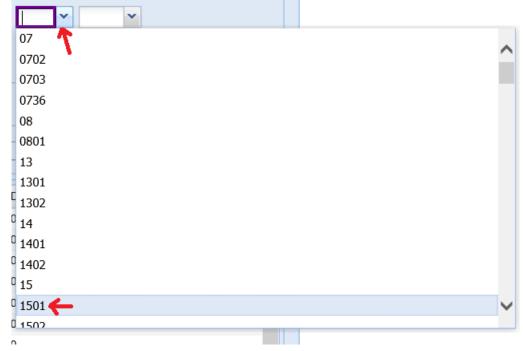


2. Search information – donor not already registered

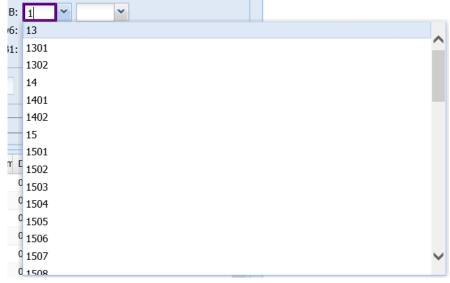
- 1. Choose for which center(s) you wish to make the search
 - If you leave the field empty, you search on all recipients in Scandiatransplant. Exchange obligations will always be displayed.
- 2. Enter date of birth on the deceased donor (ex. of format 01-Jan-1960)
- 3. Select/register deceased donor ABO blood group
- 4. Select/register the deceased donor HLA serologic typing
- 5. Select/register the deceased donor HLA genomic typing



Select between HLA types by pressing the drop-down menu, to select a specific type click on it

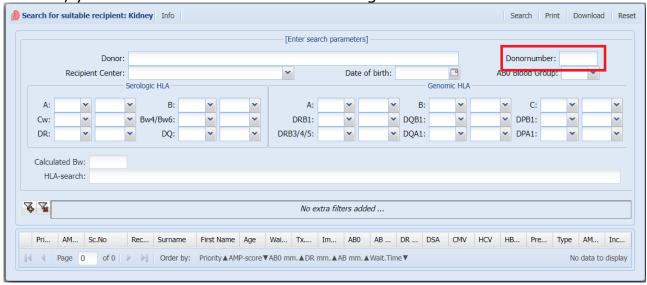


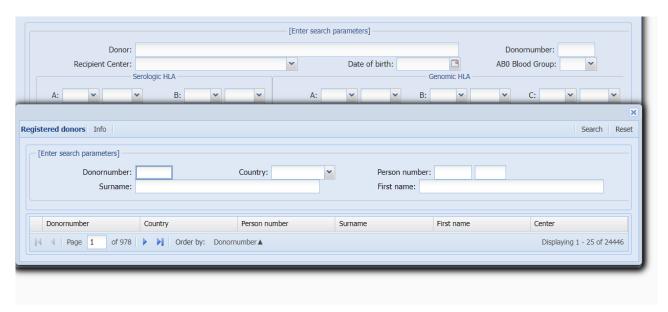
If you start typing, the list will narrow down



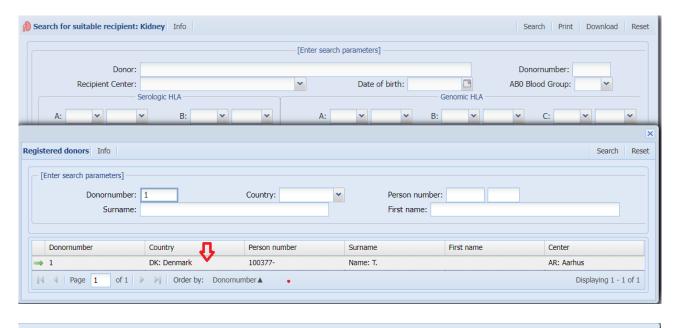
3. Search information – donor already registered

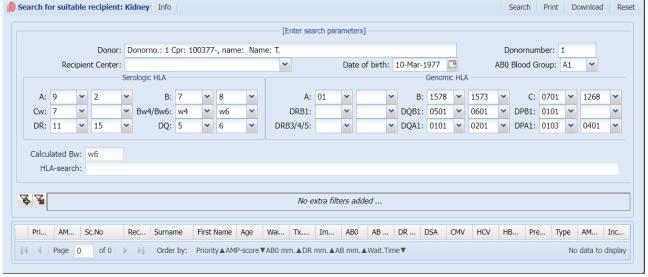
If you click in the 'Donor number' field, a new search screen will appear. In this window, you will be able to search for existing donors.





When you have found the specific donor, you were looking for, you click on the line. The pop-up window closes, and donor birth, ABO and HLA will be transferred to the initial search screen as shown below (second screenshot). If you wish to search on recipients belonging to a specific center(s) you must choose 'Recipient center' before searching.





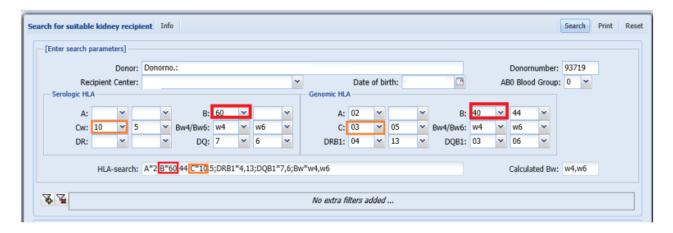
4. Donor HLA for search

4.1. Serologic and Genomic HLA

It is possible to combine genomic and serologic HLA typing results. If you enter the same allele both as serologic and genomic typing result, the genomic type will in general overrule the serologic type.

However, some serological types have precedence over genomic types, these genomic types are B*14, B*15, B*40, C*03, DRB1*03 and DQB1*03

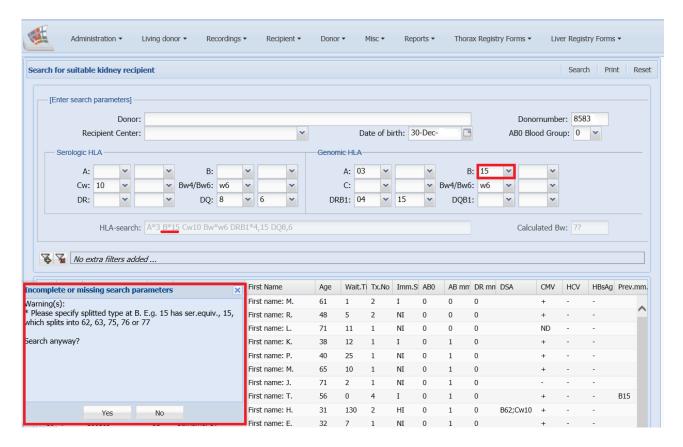
Example with B*40/B60 and C*03/Cw10



The 'HLA-search' line will always display the actual actual HLA used to bring forward the recipient result list. 'HLA-search' is blank until you press search, if you alter HLA search types, you must press search again.

4.2. Narrow and broad HLA types

If you enter and search on a broad HLA type, you will get a warning

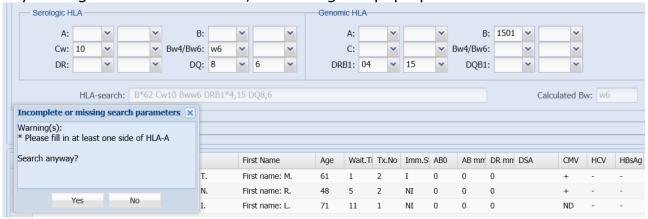


If you know the genomic high resolution type, for instance B*1501, you can enter this value directly in the genomic field, without converting it to a serological value



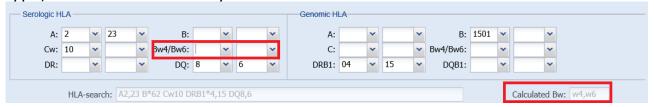
4.3. Missing HLA type

If you forget to enter an allele, a warning will pop up



4.4. Calculated Bw4 and Bw6

Bw4 and Bw6 is automatically calculated from the association to the donor HLA type, but **not** automatically used in search

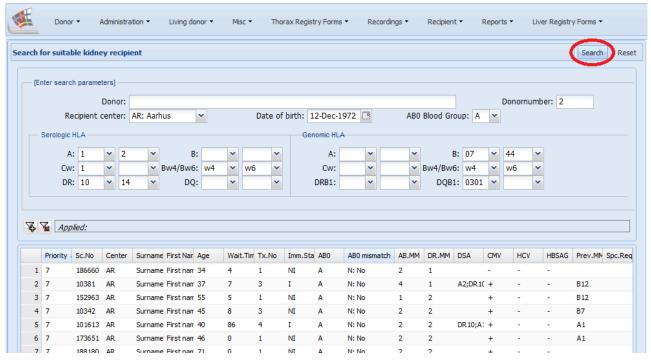


To use the calculated Bw4 and Bw6, you have to enter them into the HLA registration fields manually.



5. Searching

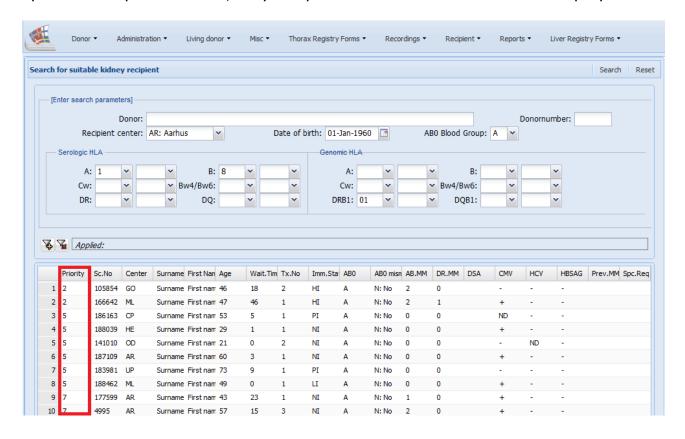
When you have entered the desired donor search information you press 'search'



The search result list always lists possible exchange obligations in the top. Priority 1-5 is the official kidney exchange obligations

Priority 6 is LAMP

Priority 7 is all the rest of the patients on the waiting list. If you have chosen a specific 'Recipient center', only recipients from this center will be displayed.

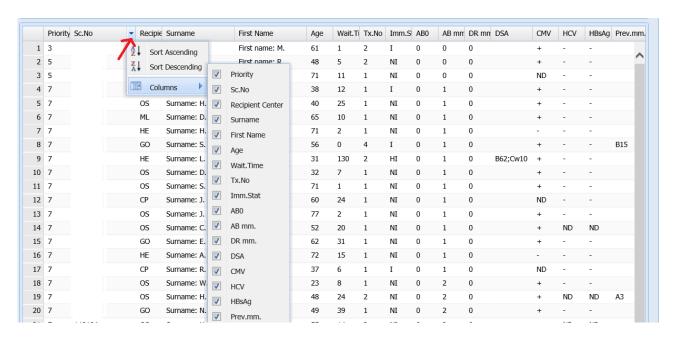


After the exchange priority, the list is as default sorted in the order of matching ABO, followed by lowest number of DR mismatches, followed by lowest number of AB mismatches and the waiting time.

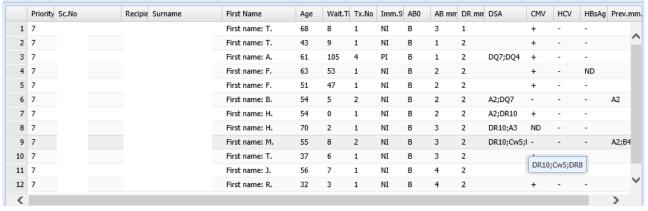
All priority 6 and 7 patients that are AB0 compatibility will appear. If you wish only to see patients of same AB0 types, you will have to add this as a filter (see Advance search).

By clicking on the header of a column, you can sort the results by yourself. As an example, if you click on AB.MM, followed by DR.MM the top results will be the lowest number of DR mismatches combined with the lowest number of AB mismatches.

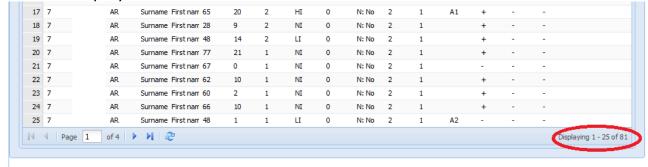
You also have the possibility to remove columns from display, by removing the marking shown below.



If the whole text is not visible, you can either widen the column or as illustrated below place the mouse above the text.

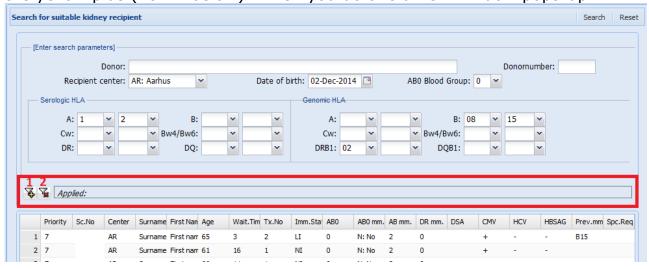


In the bottom of the page is the total number of patients fulfilling the search criteria displayed.

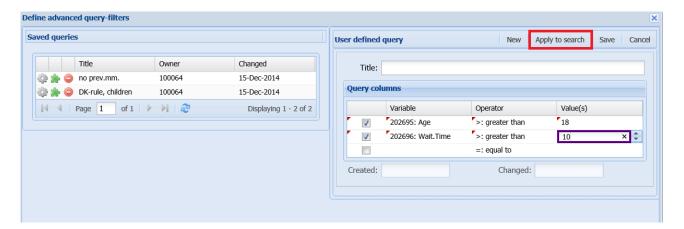


6. Advance search

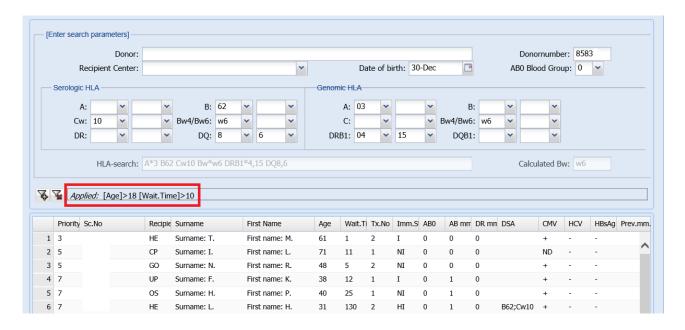
If you wish to add extra filters to your search, click on the filter-button with the yellow plus (no. 1. below). When you do this a new window pops-up



To the right you can make a variety of different filters and apply them to your search. In the example below the filter is set to display all recipients that have been waiting for more than 10 months and age above 18 years. When you have created all the filters you wish, you click on 'Apply to search'.

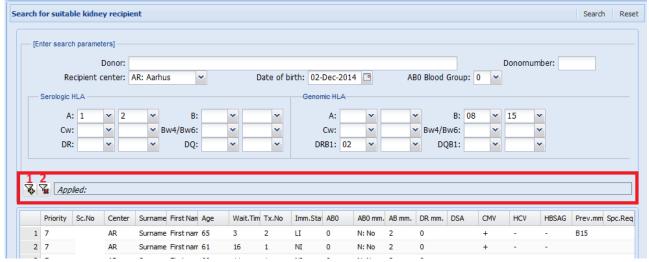


The list of extra filters will be displayed in the search screen. If you wish to remove all extra filters click to the left on the filter marked with the red cross.



7. Advanced search – using predefined profile

If you wish to add extra filters to your search, click on the filter-button with the yellow plus (no. 1. below). When you do this a new window pops-up

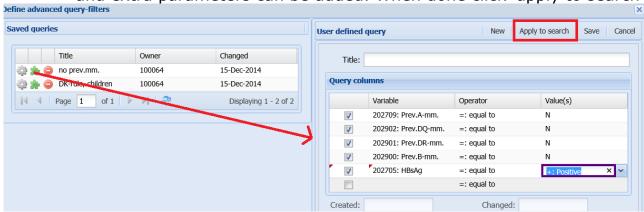


To the left you can choose between predefined advanced search profiles.



You have three options:

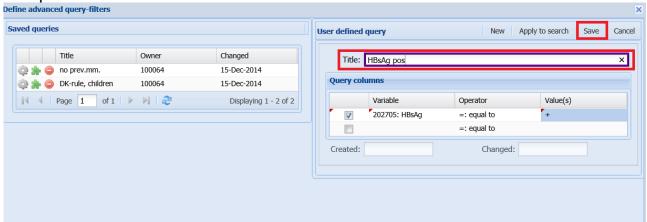
- 1. 'Use' : The predefined profile is transferred at once and used in search
- 'Copy filter' : The predefined is copied to the 'edit area' to the right and extra parameters can be added. When done click 'apply to search'



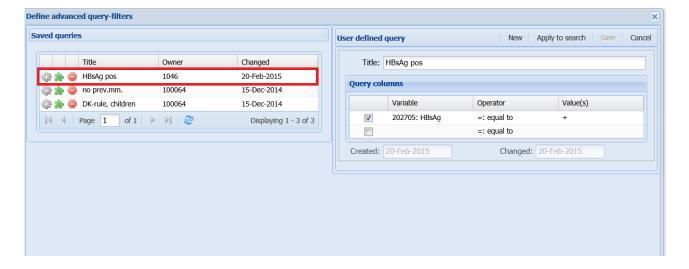
3. 'Delete' : With this button you are able to delete predefined profiles. Profiles can ONLY be deleted by the user, whom have created the filter.

8. Advanced search – creating own predefined profile(s)

You can create a variety of saved profiles by selecting and combining the different variables. When you have defined the variables, give the profile a title and press save.



The profile will now be available as a 'saved query' in the future. Please be aware that saved profiles will be available to all users, however only the person whom has created the profile will be able to edit and delete the specific profile.



9. Print

If you wish to print a selected list of patients, click on the 'Print' button and a pdf will be generated, which can be printed (or saved).

