

## OrganMatch Transplantation Portal

The purpose of this document is to provide the users of the OrganMatch – Transplantation Portal a detailed guide to the data fields and functionality in OrganMatch.

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## 1. Access to OrganMatch

Access to OrganMatch can be requested by clinicians and transplant coordinators in transplant units and clinical units in Australia and New Zealand. Access must be approved by the head of the transplant or clinical unit. OrganMatch Lab users cannot request access on the behalf of the clinicians. All requests should be referred to the National OrganMatch Office.

There are four roles that can be assigned in the Transplant portal:

- Provider – can view all screens, download reports, add and reply to notes.
- Coordinator – additional functionality includes the ability to edit selected data fields
- ANZKX Coordinator – view all records of patients/donor enrolled for ANKX.
- Registration – ability to create a new person record and program enrolment

Request forms can be accessed on the OrganMatch Website.

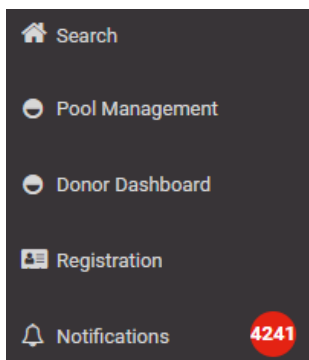
[www.donatelife.gov.au/for-healthcare-workers/organmatch](http://www.donatelife.gov.au/for-healthcare-workers/organmatch)

OrganMatch Transplantation portal allows the clinical units to view information on recipients and living donors to which they have access. Access to data is determined by linkage via the Provider or Hospital Links.

**Note:** You can only view a recipient or a living donor you are linked to via the Provider or Hospital Links. Please contact your OrganMatch Laboratory to notify them of any changes to recipient/donor Provider or Hospital Links.

## 2. Main Menu

The following menu options are available:



### 2.1 Search

Recipient and donor records can be searched using:

- OM ID
- Name
- Date of Birth
- Hospital reference
- National reference.

### 2.2 Pool Management

Pool Management displays all recipients enrolled on a current organ program. These are tailored specifically for each organ program and pathway.

For further information, see Section 3. *Pool Management*

### 2.3 Donor Dashboard

The Donor Dashboard will display a list of deceased organ donors. The donors will be viewable to the transplant or clinical unit under the following conditions:

- Must have access to the recipient

- Match event is completed and published by the lab

For further information, see Section 5. *Donor Dashboard*.

## 2.4 Registration

Registration is where patients and donors can be registered for different organ programs and pathways in OrganMatch. If the user has access, this menu item will be viewable. The In Progress tab displays records that have been created but not submitted and are not viewable in the Lab Portal. The Completed tab displays records that have been submitted and therefore enrolled on an Organ Program in OrganMatch.

The list can be filtered on Person, Status, Organ Program or Transplant Pathway.

**Registration**

**Filters**

Person	Status	Organ Program	Transplant Pathway
<input type="text"/>	All	All	All

## 2.5 Notifications

Transplantation Portal Notifications are generated when the following actions are performed in the OrganMatch Laboratory Module:

- Status changes to an enrolment
- An On Hold enrolment changes from “In Progress” to “Waiting for hospital activation”
- A report is authorised
- Willing to accept criteria is authorised
- Urgency status verified
- A note is added for a person
- An enrolment is ended
- Update to KDPI min – max field

Notifications can be filtered via the dropdown menu and can be deleted from the Notifications screen.

**OrganMatch** Notifications Peter Angus

Notifications

Notification: All

Last Name	First Name	Notification Date	Notification Message	
AUCM	UFOES	16/03/2022 09:40	Enrolment Status is now on Hold for Kidney TWT, due to Change in Sensitisation Category	<input type="checkbox"/> Delete
ARRRYOs	factN	14/03/2022 16:30	Kidney TWT has been ended. The reason for ending the enrolment is: Deceased	<input type="checkbox"/>
ewigM	saSo	07/03/2022 09:24	New note is available	<input type="checkbox"/>

174 records from

For further information, see Section 6. *Notifications*.

### 3. Pool Management

The following screen shot shows examples of the filters in pool management.

The generic view is as follows:

The screenshot shows the 'Pool management' interface with a 'Filters' section. The filters include: Organ Program (Please Select...), Transplant Pathway (All), Transplant Hospital (All), Clinical Hospital (All), Provider (All), Status (All), ABO (All), Sensitisation Category (All), and a 'Find Person' search bar. A 'Reset Filters' link is also present.

Transplantation Portal users can use the pool management screen to view basic information relevant to each program for current enrolments. A search filter is available to search for specific person within the current filtered results.

#### Kidney TWL

The screenshot shows the 'Pool management' interface with the 'Filters' section set to 'Kidney' and 'TWL'. The filters include: Organ Program (Kidney), Transplant Pathway (TWL), Transplant Hospital (All), Clinical Hospital (All), Status (All), ABO (All), Sensitisation Category (All), Waiting Time - Years (From) (###), Waiting Time - Years (To) (###), Age - Year (From) (###), Age - Year (To) (###), Max KDPI (From) (###), Max KDPI (To) (###), EPTS (From) (###), and EPTS (To) (###). Below the filters is the 'Results' section, which includes an 'Export Excel' button and a table of results. The table has 15 columns: Last Name, First Name, Date of Birth, Age, ABO, OM ID, Hospital Reference, Transplant Hospital, Clinical Hospital, Date of Last Serum, Ready, Status, mPRA, Max KDPI, EPTS%, Waiting Time, and Sensitisation Category. The table shows 3391 records found.

### Kidney/Pancreas TWL

**Pool management**

**Filters**

Organ Program \*  
Kidney/Pancreas

Transplant Pathway  
TWL

Transplant Hospital  
All

Clinical Hospital  
All

Status  
All

ABO  
All

Sensitisation Category  
All

National Flag  
All

[Reset Filters](#)

**Results**

[Export Excel](#)

166 records found

Recipient														
Last Name	First Name	Date of Birth	ABO	OM ID	Hospital Reference	Transplant Hospital	Clinical Hospital	Date of Last Serum	Ready	Status	Date eGFR < 15	mPRA	National Flag	Sensitisation Category

### Lung TWL

**Pool management**

**Filters**

Organ Program \*  
Lung

Transplant Pathway  
TWL

Transplant Hospital  
All

Status  
All

ABO  
All

Sensitisation Category  
All

Urgent (National Notification)  
All

Minimum Height (cm)  
###

Maximum Height (cm)  
###

[Reset Filters](#)

**Results**

[Export Excel](#)

281 records found

Recipient																
Last Name	First Name	Date of Birth	Age	ABO	OM ID	Transplant Hospital	Date of Last Serum	Ready	Status	mPRA	Acceptable Height Range (cm) - From	Acceptable Height Range (cm) - To	Height (cm)	Weight (kg)	Urgent (National Notification)	Sensitisation Category

### Kidney Paired Donation (KPD)

**Pool management**

**Filters**

Organ Program \*  
Kidney

Transplant Pathway  
KPD

Transplant Hospital  
All

Clinical Hospital  
All

Provider  
All

Status  
All

ABO  
All

Authorisation Required  
All

[Reset Filter](#)

**Results**

[Export Excel](#)

10 records found

Recipient										Donor									
Last Name	First Name	Date of Birth	ABO	Transplant Hospital	Clinical Hospital	Date of Last Serum	Ready	Status	Authorisation Required	Last Name	First Name	Date of Birth	ABO	Transplant Hospital	Clinical Hospital	Ready	Status	Authorisation Required	

## Living Directed Donor (LDD)

**Pool management**

**Filters**

Organ Program \*  Transplant Pathway  Transplant Hospital  Clinical Hospital  Provider  Status  [Reset Filters](#)

ABO

**Results**

[Export Excel](#) 167 records found

Recipient											Donor									
Last Name	First Name	Date of Birth	ABO	Hospital Reference	Transplant Hospital	Clinical Hospital	Date of Last Serum	Ready	Status	mPSA	Last Name	First Name	Date of Birth	ABO	Hospital Reference	Transplant Hospital	Clinical Hospital	Ready	Status	

Data can be extracted using the **Export Excel** button.

The Export Excel function will export data on patients into an excel file.


**Note:** Organ Program and Transplant Pathway must be selected in the filters for the Export Excel button to appear.

See Appendix 1: *Data Extract Fields* for Data included in the extract.

## 4. Patient information

Patient information is found in the Match Profile.

**adeJS vocwiV ixWcl** **RECIPIENT**

 Female  
57 years 11 months (18/12/1963)

- Histocompatibility profile
- Test results
- Medical information
- Enrolments for transplant
- Reports
- Notes & attachments
- De-identified Notes & attachments
- TWL Match history
- Living Donor Match History
- Transplants
- Demographic & contact details
- Providers
- Personal links

## 4.1 Histocompatibility Profile

### 4.1.1 HLA Typing

The HLA typing of the patient is displayed. HLA results are used in matching. For further details such as testing method, test date, refer to patient report issued by the laboratory.

### 4.1.2 Unacceptable Antigens (UA) and Acceptable Antigens (AA)

Sensitisation Category is displayed in this section.

An assessment of factors, such as HLA antibodies, previous transplant mismatches are used when defining a list of HLA donor antigens would be considered unacceptable for an individual recipient.

- TWL UA will potentially exclude the patient from progressing through to the matching algorithms and are therefore will be ineligible to be offered a kidney from any deceased organ donor with those antigens.
- Living Donor UA will exclude KPD patients from being eligible to be offered a kidney from a live donor on the KPD with those HLA antigens

Acceptable Antigens are used in specific cases, for example if the patient has an allele specific antibody.

There are three types of Unacceptable antigens in Organ Match

- Antibody sourced - as a result of HLA antibody test results
- Previous donor mismatch
- Other - HLA antigens added from other sources such as those to avoid high eplet loads.

Contact your local HLA lab for further explanation of UA.

### 3.1.3 mPRA (Match calculated panel reactive antibody)

Provides an estimate of the percentage of deceased organ donors that will be incompatible for a recipient based on the antigens assigned as unacceptable. The mPRA represents the HLA antigen frequency in the population, based on a pool of donors from the Australian population. If more than one HLA antigen is unacceptable, the mPRA is the total frequency of the HLA antigens.

Unacceptable & Acceptable Antigens - TWL	
TWL mPRA	99.7%

## 4.2 Test Results

The following tabs are viewable

Samples & test results			
Samples	HLA antibody screen results	Non-HLA antibody results	Blood group

4 record/s found

### 4.2.1 Samples

Samples from the Lab Portal can be viewed as read only in the Transplant Portal. The columns in the table are as below. Samples can be expanded to view test results in the child table.

Samples						
<a href="#">HLA antibody screen results</a> <a href="#">Non-HLA antibody results</a> <a href="#">Crossmatch</a> <a href="#">Blood group</a>						
39 records found						
Sample Date	Sample Reference	Type	Microfuge	Reserve	Sample Tag	Tests
07/04/2022	739268	Serum	0	1		0
03/03/2022	737963	Serum	0	1		2
<a href="#">Test Method</a> <a href="#">Short Name</a> <a href="#">Test Type</a> <a href="#">Test Date</a> <a href="#">Testing Laboratory</a>						
Luminex Single Antigen Class II	SAG2	HLA Antibody		10/03/2022		NSW Tissue Typing Laboratory
Luminex Single Antigen Class I	SAG1	HLA Antibody		10/03/2022		NSW Tissue Typing Laboratory

### 4.2.2 HLA antibody screen results

Verified HLA antibody results are viewable. If checkbox **View in Transplantation Portal** is selected in OrganMatch - Lab Module. Hovering over **Contain Notes** displays reportable notes.

**Note:** Results from April 2019 are viewable. For results prior to this date contact your local Tissue Typing Lab to enable more results to be viewed.

Test results

HLA antibody screen resultsNon-HLA antibody results

Recent Ab Screening

LSM	SAG1	SAG2
10/02/2010	14/07/2020	14/07/2020

10 record/s found

cPRA	Antigen (MFI)	Sample Date	Sample Reference	Test Date	HLA Class	Ig Isotype	Result	Test Method	Sera Treatment	DSA	Contains Note(s)
		14/07/2020	310838	06/08/2020	Class I	IgG	Positive	SAG1	EDTA		✓
	DOB1*02:01 (19863), DOB1*02:02 (6228)	14/07/2020	310838	06/08/2020	Class II	IgG	Positive	SAG2	EDTA	✓	✓

Further details are viewable by clicking the row



Test result

Sample & Test Result Details

Sample Reference	310838	Sample Date	14/07/2020
Test Method	SAG2	Result	Positive
Ig Isotype	IgG	Class	Class II
Sera Treatment	EDTA	Test Date	06/08/2020
Test Reference	LS200806sag2_13_dn	cPRA	-
Testing Laboratory	VTIS	PRA	-
Sample Tag			

Results

Locus All

2 record/s found

Antigen	MFI	Note
DQB1*02:01	19863	
DQB1*02:02	6228	

#### 4.2.3 Non-HLA antibody results

Verified Non HLA antibody result are viewable: Only ATIR results will be shown

Test results						
Non-HLA antibody results						
Sample Date	Sample Reference	Test Date	Test Method	Test Result	Interpretation	Verified

#### 4.2.4 Crossmatch

Verified crossmatch results are viewable in the Transplantation Portal. The crossmatch record can be expanded and the sample and test results can be viewed by clicking on the crossmatch record. The patient or donor details will be withheld for records that are not linked to the users hospital access.

Samples	HLA antibody screen results	Non-HLA antibody results	Crossmatch	Blood group
---------	-----------------------------	--------------------------	------------	-------------

Serum Name	Sample Date	Sample Reference	Cell Name	Sample Date	Sample Reference	Test Date
AdxWiRvJ WbTmO	04/02/2021	725173	Name Withheld	27/03/2021	659798	28/03/2021

Crossmatch Type	Additive	Cell Treatment	Result Score	Result	Channel Shift from threshold	XM Date	Test Reference
CDC-BXM	Neat		1	Negative		28/03/2021	
CDC-BXM	Neat		1	Negative		28/03/2021	
CDC-TXM	Neat		1	Negative		28/03/2021	
CDC-TXM	Neat		1	Negative		28/03/2021	

## Test result

Sample & Test Result Details			
Test Method	XM		
Testing Laboratory	VTIS		
Serum Details		Cell Details	
Serum Name	AdxWiRvJ WbTmO	Cell Name	Name Withheld
Date of Birth	01/10/1958	Date of Birth	05/08/1963
Laboratory Reference	18339 KR	EDR ID	D21-0345
Sample Reference	725173	Sample Reference	659798
Sample Type	Serum	Sample Type	PBL
Sample Date	04/02/2021	Sample Date	27/03/2021

## Crossmatch Results

Crossmatch Type	Additive	Cell Treatment	Result Score	Result	Channel Shift from threshold	XM Date	Test Reference
CDC-BXM	Neat		1	Negative		28/03/2021	
CDC-BXM	Neat		1	Negative		28/03/2021	
CDC-TXM	Neat		1	Negative		28/03/2021	
CDC-TXM	Neat		1	Negative		28/03/2021	


## 4.2.5 Blood group

ABO and Rhesus blood group details can be viewed.

Samples	HLA antibody screen results	Non-HLA antibody results	Crossmatch	Blood group
---------	-----------------------------	--------------------------	------------	-------------

ABO	Rhesus	ABO Subtype
B	Positive	N/A

Interim and verified blood group results are viewable. Hovering over the  displays details of the person who last updated and verified the person blood group.

Users with Coordinator access are able to enter ABO and Rhesus details via the Edit functionality. A formal blood group report must be uploaded via view notes. When adding the note select the **Category** as Person and **Sub-Category** as ABO Forms. This will allow the Laboratory Portal users to view the report and verify the result.

### 4.3 Medical Information

Medical information can be viewed.

For the role Coordinator, the edit button is visible, and changes can be made to the following fields

- Height
- Weight
- Primary Diagnosis
- Additional Diagnosis
- Mechanical Support (type of mechanical support for heart TWL patients)
- Number of pregnancies – date of last pregnancy
- Drug Treatments

Medical information

View Notes

General Information

Height & Weight

Height (cms)

187

Weight (kg)

106

BMI

30.31

Predicted Heart Mass

226.7

Medical conditions

Primary Diagnosis

Dilated Cardiomyopathy

Additional Diagnosis

Please Select...

Diabetes

Yes

No

Unknown

Mechanical Support

Type of Mechanical Support

Please Select...

Pregnancy information

Number of Pregnancies

##

Date of Last Pregnancy

dd/mm/yyyy

Drug treatments

Receiving Drug Treatments?

Yes

No

Unknown

As At

dd/mm/yyyy

Description of Drug Treatments

Receiving Immunosuppression?

Yes

No

Unknown

As At

dd/mm/yyyy

### 4.3.1 Kidney KPD

Medical information can be added by the transplant units. This is not viewable in the Laboratory Portal. Imaging results can be added to the donor record via a note in the **Imaging Report** section.

#### For Recipients

Medical information

Edit

General Information

Kidney KPD

Virology

CMV	Date *	EBV	Date *
Pos	01/01/2000	Neg	01/01/2021

#### For Donors

General Information

Kidney KPD

History of hypertension

Blood Pressure

135 / 85 mmHg \*

Hypertension

Yes No Unknown

On current antihypertensive medication

Yes No Unknown

Number of antihypertensive medication

1 2 >=3 Unknown

Glycaemic status

Impaired fasting glucose

Yes No Unknown

Impaired glucose tolerance

Yes No Not Tested Unknown

History of renal stone disease

Previous History

Yes No Unknown

Date

dd/mm/yyyy

Recurrent

Yes No Unknown

Screening for malignancy

Cervical Screening

Pos Neg Hysterectomy Unknown

Date \*

15/05/2020  
Monday, May 18, 2020

View Notes

Mammogram

Pos Neg Unknown

Date \*

15/05/2020  
Monday, May 18, 2020

Bowel cancer testing kit

Neg

Date \*

17/07/2020  
Friday, July 17, 2020

View Notes

History of malignancy

The system won't accept a registration for any donor with a previous history of cancer, except for the type indicated as acceptable

Colon cancer Duques A > 5 years ago

Yes No Unknown

Date

dd/mm/yyyy

Non-melanoma skin

Yes No Unknown

Date

dd/mm/yyyy

View Notes

Carcinoma in situ of the cervix

Yes No Unknown

Date

dd/mm/yyyy

Thyroid No	Date -	Other Cancer No	Date -
<b>Virology</b>			
CMV Neg	Date * 16/08/2021	EBV Pos	Date * 16/08/2021 <a href="#">View Not</a>
HIV Neg	Date * 16/08/2021	Hepatitis B surface antigen Neg	Date * 16/08/2021
Hepatitis B surface antibody Unknown	Date -	Hepatitis B core antibody Neg	Date * 16/08/2021
Hepatitis C antibody Neg	Date * 16/08/2021		
<b>TB Risk Assessment</b>			
Is this person at increased risk of TB according to the ANZKX protocol? No <a href="#">View Not</a>			
<b>Imaging Reports</b>			
<a href="#">Add Note</a> <a href="#">🔍</a> <span>1 record/s found</span>			
Last Updated On	Last Updated By	Title	Details
15/02/2022	David Provider	Imaging Reports Attachment	IR notedit
Total No. of Attachments 0			
<div> <div>1</div> <div>5</div> </div>			
<b>Kidney function and anatomy</b>			
Serum creatinine (µmol/L) 83	Date * 24/09/2019	Urine protein/ creatinine ratio mg/ µmol 4	Date * 24/09/2019
Proteinuria mg/24h -	Date -		
<b>Nuclear-GFR ml/min</b> -	<b>Date</b> -	<b>Method</b> -	
<b>Split Function - Left %</b> -	<b>Split Function - Right %</b> -		
<b>CT Angiogram renal arteries</b> Unknown	<b>Date</b> -	<b>Collecting system method</b> -	
<b>Kidney size - Left cm</b> -	<b>Kidney size - Right cm</b> -		
<b>Number of kidney arteries - Left</b> Unknown	<b>Number of kidney arteries - Right</b> Unknown		
<b>Branching within 15mm of Aorta - Left</b> Unknown	<b>Branching within 15mm of Aorta - Right</b> Unknown		
<b>Length of renal vein - Left *</b> -	<b>Length of renal vein - Right *</b> -		
<b>Ureter - Left</b> -	<b>Ureter - Right</b> -		
<b>Review dates</b>			
<b>Medical review date *</b> -	<b>Surgical review date *</b> -	<b>Psychological review date *</b> -	

### 4.3.2 Medical Events

Medical event information can be added by a user. A notification will be sent to the laboratory when a new medical event is added.

<b>Medical events</b>			
<a href="#">Add Medical Event</a> <a href="#">🔍</a> <span>2 record/s found</span>			
Type	Start date	End date	Hospital
Peritoneal	16/07/2018		Blacktown Hospital (NBLA)
Blood Transfusion	01/01/2000		Alamanda Hospital Gold Coast (QALA)

**To enter a Medical Event**

1. Click **Add Medical Event** button
2. Fill in details in the pop-up
3. Click **Save**

Repeat steps 1 – 3 to add any additional medical events as required

**To update a Medical Event**

1. Click the relevant row for the medical event
2. Click **Edit**
3. In the pop-up, make any changes necessary
4. Click **Save**

**4.4 Enrolments for transplant**

Current and historical enrolments can be viewed. **View history** of status changes is also available.

- For the role, Provider, no changes can be made to enrolments.
- For the role Coordinator, the edit button is visible in the enrolment, and changes can be made to the status, within the business rules as described in the table below.

Status (status/reason)	Change to (status/reason)	Editable from Clinical Portal
Active	On hold - Clinical Decision / notification / request	Yes
On hold - In Progress	Active	No
On hold - Clinical Decision / notification / request	Active	Yes
On hold - Laboratory Decision	Active	No
On hold - Waiting for Hospital activation	Active	Yes
On Hold - Due to KPD chain	Active	No
On Hold- Change in Sensitisation Category	Active	No

Enrolments for transplant					
<div> <div>Current</div> <div>History</div> </div>					
Role ↕	Organ Program ↕	Pathway ↕	Waiting Time ↕	Ready ↕	Status ↕
Recipient	Kidney	LDD	9 months	✓	Active
Recipient	Kidney	TWL	10 months	✓	On Hold

Enrolment

Edit

Enrolment information

Waiting Time

10 months

Date Enrolled

14/08/2019

Transplant Role \*

Recipient

Donor Type \*

N/A

Organ Program \*

Kidney

Status [View history](#)

On Hold

Reason \*

Clinical decision/notification/request

Pathway

TWL

Unacceptable Antigen List

Unacceptable & Acceptable Antigens - TWL

Providers

Transplant Hospital

St Vincent's Hospital - Sydney - Renal Unit (NSTV)

Hospital Reference

Transplant Provider

Role

Physician

Clinical Hospital

St Vincent's Hospital - Sydney - Renal Unit (NSTV)

Hospital Reference

Clinical Provider

Role

Physician

EPTS

Raw

Percentile

Close

EPTS			
Raw	Percentile		
<b>Dialysis for matching</b>			
Receiving dialysis		Start date	
<input type="button" value="Yes"/> <input type="button" value="No"/> <input type="button" value="Unknown"/>		<input type="text" value="dd/mm/yyyy"/>	
<b>Willing to accept</b>			
Accept HepC Ab pos	Date of Consent	Accept TRK	Date of Consent <a href="#">View Notes</a>
<input type="button" value="Yes"/> <input type="button" value="No"/>	<input type="text" value="dd/mm/yyyy"/>	<input type="button" value="Yes"/> <input type="button" value="No"/>	<input type="text" value="dd/mm/yyyy"/>
Accept Increased Viral Risk	Date of Consent		
<input type="button" value="Yes"/> <input type="button" value="No"/>	<input type="text" value="dd/mm/yyyy"/>		
Accept ABOi	Date of Consent		
<input type="button" value="Yes"/> <input type="button" value="No"/>	<input type="text" value="dd/mm/yyyy"/>		
<b>Acceptable KDPI range (%)</b>			
From			To
<input type="text" value="1"/>			<input type="text" value="100"/>

#### 4.4.1 Estimated Date of Activation (only Kidney TWL)

This field can only be updated via the Transplantation Portal by the Transplant or clinical units. The intended purpose is for those units that list patients very early in the workup process, and the patient remains on hold for a significant length of time.

#### 4.4.2 Providers

Changes to these fields can only be selected from units listed in the Providers dropdown list. Lab portal users create links.

#### 4.4.3 Dialysis Start Date

Users with Coordinator access can enter Dialysis start date.

#### 4.4.4 Willing to Accept

Users with Coordinator access are able to enter Willing to Accept details via the Edit functionality. A consent document should be uploaded if applicable via Notes to allow verification by an OrganMatch Laboratory Portal user.

**Note:** Willing to Accept ABOi for TWL is limited to blood group A and B recipients willing to accept AB donor kidneys.

#### 4.4.5 Update KDPI min/max values

The KDPI min/max fields can be updated only via the transplantation portal for Kidney TWL enrolments. The default range is 1-100. Any modification to this will potentially restrict the recipients being matched with donors outside this range.



#### 4.4.6 Clinical Parameters

Some organ programs have additional data fields which are editable only via the Transplantation Portal.

##### Kidney/Pancreas TWL

The waiting time for Kidney/Pancreas enrolment is calculated from the referral date if eGFR is <15ml/min at referral or the date eGFR is <15ml/min.

##### Clinical Parameters

Referral date	eGFR at referral *
13/06/2021	15
Date eGFR is less than 15 ml/min	
14/09/2021	
Date of Activation *	
14/09/2021	

#### 4.4.7 Patient Category

This is Organ and Pathway specific.

##### Kidney TWL

These fields are only editable in the Laboratory Portal

##### Patient category

State urgent	Proposed
-	-
National urgent	Proposed
-	-

##### Kidney/Pancreas TWL

The National Priority value will be set by the system if the patient meets the criteria of mPRA>75% and be on dialysis. The National Priority Override can be edited in the Lab Portal.

##### Patient Category

National Priority	National Priority Override
✗ No	✗ No

**Lung TWL**

These categories are editable in the Transplant Portal only.

**Acceptable Height Range (cm)**

From

0

To

###

**Patient Category**

Urgent (National Notification)

Yes

No

Urgent Category

Please Select...

**Urgent Categories**

High Acuity of i.e. immediate risk of death

Highly sensitised i.e. >95% cPRA

Recipient is aged <16 years old

**Heart TWL**

The urgent field for Heart TWL is editable in the Transplantation Portal only. Predicted heart mass is calculated by the system using height, weight and gender of the person. The type of mechanical support can be selected from the dropdown in Medical Information.

**Patient Category**

Urgent

x No

**4.5 Reports**

Authorised reports are viewable and can be downloaded.

**4.6 Notes and Attachments**

This section has a current and history tab where active notes appear in the current tab and archived notes appear in the history tab.

Notes and Attachments relevant to a person can be added or replied to.

Notes that have been selected from the laboratory module to appear in the Transplantation Portal will be able to be viewed.

Users can add notes and attachments and delete notes they have created. They can also edit any note created in the Transplantation Portal. Notes can be searched using filters.

The Laboratory will receive a notification that the note has been added.

Users can reply to a note added from the laboratory module. Notes from the Laboratory Portal cannot be modified.

It is possible to see which Portal (Lab or Transplantation) a note was created in.

#### 4.6.1 To Add Notes

1. Click **Add Note** or **View Note** tab
2. Add **title**
3. If applicable
  - Select **Category**
  - Select **Sub-Category**
  - Write any further notes in **Details**
4. Click **Save**

*To attach any relevant documentation:*

- Click the **Attachments** tab
- Either click **Select a file** or drag and drop
- Click **Save**

**!** Important Note: Only select the **Category** Person-ANZKX for notes that are to remain viewable to the ANZKX team. This category of note cannot be viewed by Laboratory Portal Users.

#### 4.6.2 To add attachments to person notes

1. Click the relevant row in the Notes and Attachments section



TWL Match history										
Algorithm Assessment			Transplanted		Offer Response			Reason		
Yes			All		All			All		
Match Details			Matched Person		Outcome					
Organ Program	Pathway	Event Date	OM ID	EDR ID	Algorithm Assessment	Blocked	Offer Status	Transplanted	Offer Response	Reason
Kidney	TWL	09/08/2019 14:55	0072951	D19-0972	Yes	No	Eligible for offer	N/A	Declined	Offer declined - DSA
Date & time		Parent Algorithm		Child Algorithm		Match		Score		Rank
09/08/2019 14:55		Kidney Standard		High Level Compatibility Check		N/A		-		-
09/08/2019 14:55		Kidney Standard		Kidney - National		No		0		-
09/08/2019 14:55		Kidney Standard		Kidney - NSW State HLA		No		0		-
09/08/2019 14:55		Kidney Standard		-		N/A		-		-
09/08/2019 14:55		Kidney Standard		Kidney - NSW State Waiting		Yes		40,000,900		65

## 4.9 Living Donor Match History

Once a match event for LDD or KPD is published it is viewable in the Transplantation Portal.

Living Donor Match History

Algorithm Assessment

Transplanted

Offer Response

Reason

Reset Filters

All

All

All

All

Match Details			Matched Person	Outcome		
Organ Program	Pathway	Event Date	OM ID	Algorithm Assessment	Offer Status	Transplanted
Kidney	KPD	26/05/2022 12:52	0082852	Yes	Eligible for offer	N/A

1

10

Match Event viewable by clicking on the highlighted row.

## 4.10 Transplant

Transplant information can be viewed

Note: This tab is only viewable if the patient has had a transplant.

Transplants			
Transplant Date	EDR / Lab Ref	Organ Program	Transplant Pathway
21/08/2019	D19-0290	Lung	TWL

Click on the row and the transplant event and Histocompatibility assessment can be seen. This will contain DSA assessment, crossmatch assessment.



- Mobile Phone
- Home phone
- Email address

## 4.12 Hospital and Provider Links

Hospital and provider links can be viewed. Editing is restricted and can be assigned to the coordinator role.

Hospital link will be pre-populated with the users hospital under the **Current** tab.

Ended hospital/provider links are viewed in the Hospital/Provider Links **History** tab.

Providers				
Hospital links				
<div>Current</div> <div>History</div>				
1 record/s found				
Hospital	Reference	From	To	Receive Reports
Royal Prince Alfred Hospital - Renal Unit (NRPA)	1407113	29/10/2020		x
<div>1</div> <div>10</div>				
Provider links				
<div>Current</div> <div>History</div>				
4 record/s found				
Provider	Role	From	To	Receive Reports
Professor Steven Chadban	Physician	11/11/2020		✓
Dr Adrian Gillin	Physician	29/10/2020		✓

### 4.12.1 To update Hospital and/or Provider Links

1. Click Add Hospital Link or Add Provider Link button
2. Fill in details in the pop-up
3. Click **Save**

Repeat steps 1 – 3 to add another clinical unit/provider if required

### 4.12.2 To end a Hospital and/or Provider Link

1. Click the relevant row for the hospital/provider
2. Click **Edit**
3. Change the **To Date** box to the date the link was ended

4. Click **Save**

**Note:** Ending link to your hospital will remove your access to the patient record

### 4.13 Personal Links

Patient personal links can be viewed.

Click on donor name to go into donor match profile.

## 5. Donor Dashboard

The donor dashboard will display a list of Deceased Organ Donors.

**Note:** All donors have Name withheld.

Filters

Hospital

ABO

Donor ID

AB

AB

Reset Filters

Results

Donors

200 records found

Date of Enrollment	OSR Lab ID	Match Date & Time	OSR ID	Hospital	ABO
16/06/2021	N008	16/06/2021 08:09	021-1028	St Vincent's Hospital - IL	O
16/06/2021	N008	16/06/2021 07:08	021-1029	Tamworth Hospital	A
11/06/2021	N008	10/06/2021 06:05	021-1023	St Vincent's Hospital - IL	B
09/06/2021	N008	07/06/2021 08:47	021-0905	Orange Health Service	O
02/06/2021	N008	03/06/2021 08:12	021-0972	Cardinal Hospital	O
02/06/2021	N008	02/06/2021 15:44	021-0970	Coffs Harbour Health Cent...	O
01/06/2021	N008	02/06/2021 08:09	021-0909	The Royal Melbourne Hosp...	A
28/05/2021	N008	29/05/2021 08:06	021-0906	Liverpool Hospital	A
21/05/2021	N008	21/05/2021 08:10	021-0900	The Canberra Hospital	A
21/05/2021	N02	20/05/2021 07:28	201083	Auckland Hospital	B

By Clicking on the donor, the user will be able to view their recipients that have published match events.

The user can filter **Organ Program** and is able to select multiple programs at once.

Name Withheld

Female

45 years 5 months (17/11/1975)

DOB: 17/11/1975

DOB: 17/11/1975

Hospital: John Hunter Hospital

Matching Recipients

Filters

First Person

Transplant Hospital

Organ Program

Algorithm

Offer Status

Back From

Back To

Age/Trans From

Age/Trans To

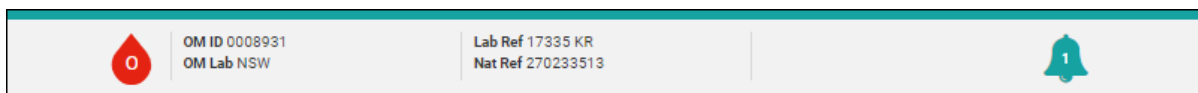
Organ Program	Algorithm	Rank	Score	Last Name	First Name	DOB	Age (Years)	OSR Assessment	Offer Status	Transplant Hospital
Kidney	State Restricted Matching	3	45.0021015	ALFRED	LINA	21/03/1959	62	No OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	4	45.0011041	BRADSH	AGRICY	11/03/1987	34	No OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	12	45.0010080	KATHRYN	ALLEN	02/02/1972	49	No OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	13	45.0010096	BRADSH	DAVE	01/02/1959	62	No OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	13	45.0010084	ALFRED	WILLIAM	18/09/1967	53	No OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	15	45.0010082	LOREN	WILLIAM	02/11/1982	39	Class 3 OSR identified	Eligible for offer	Westmead Hospital - Renal Unit
Kidney	State Restricted Matching	15	45.0010047	WILLIAM	JOHN	08/02/1961	60	Class 3 OSR identified	Eligible for offer	Westmead Hospital - Renal Unit

By clicking on the row proceeds to Match Event assessment (see Section 5. Match Event Assessment).





## 6. Notifications

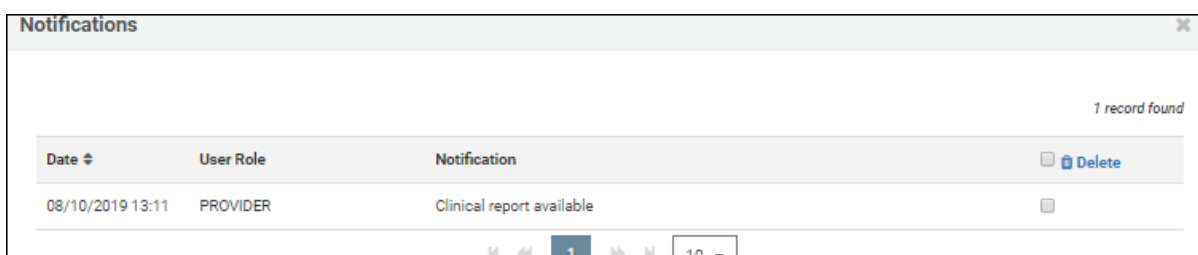


In the person record, the banner displays a bell icon which indicates the number of notifications for the person.

To delete notification

Click on the bell icon

The notification will display



Click on the check box and click delete

The notification will be deleted from the system

### For Bulk deletions

From the notification screens tick the delete box, and all the notifications on the screen, will be ticked. Select delete to remove all notifications shown.

Last Name	First Name	Notification Date	Notification Message	
-	-	26/10/2020 10:01	The table template required has been updated to the template status	<input type="checkbox"/>
-	-	26/10/2020 10:01	New table is available	<input type="checkbox"/>
-	-	26/10/2020 10:04	Endowment status is now active for Lung TSL	<input type="checkbox"/>
-	-	26/10/2020 10:07	Clinical report available	<input type="checkbox"/>

## 7. Match Event Assessment

A match event is created between a recipient and a donor and contains information regarding the match. This includes the histocompatibility assessment and donor specific antibody assessment.

When a match event has been published from the Laboratory Portal, the match event assessment is viewable. If the status is unpublished, this means the lab has not performed an assessment on the matched pair.

All the following sections can be viewed in a Match Event.

WITHHELD, Name	DECEASED DONOR	qBKSSTZAN ZifAc eglRZ	RECIPIENT
Male 61 years 5 months (23/12/1958)	OM ID 0079771 OM Lab NSIV	EDR ID 021-0963 Hospital St George Hospital	Female 77 years 6 months (22/11/1943) OM ID 0079558 OM Lab NSIV Lab Ref 15078 KIR <a href="#">View person profile</a>
Information			
Match event outcomes			
Match parameters			
Histocompatibility assessment			
Recipient transplant history			
Providers			
Matching algorithms processed			
Notes & attachments			

All information is viewable. All fields are read only.

**Recipient Transplant History** shows details of previous transplant events, transplant date, Organ program, Transplant pathway, Donor Name, Lab Ref, Donor HLA typing and allelic differences:

Recipient transplant history																						
Recipient transplants																						
Transplant Date			Organ Program				Transplant Pathway				Donor				EDR ID							
28/04/2017			Kidney				TWL				LvEOx zdPSjc				D17-0191							
Previous Donor Allelic Difference											Previous Donor HLA Typing profile											
A	B	C	DRB1	DQB1	DQA1	DPB1	DPA1	DRB3	DRB4	DRB5	A	B	C	DRB1	DQB1	DQA1	DPB1	DPA1	DRB3	DRB4	DRB5	
-	*40:10	*04:03	-	-	*01:01	*01:01	-	-	-	*01:02	*11:01	*40:10	*04:03	*11:01	*03:01	*01:01	*01:01	*02:02	*02:02	-	*01:02	
-	*48:01	*08:01	*15:02	*05:01	-	-	-	-	-	-	*24:02	*48:01	*08:01	*15:02	*05:01	*05:05	*05:01	-	-	-	-	

**Notes and attachments** can be updated and responded to.

**TWL match event** assessments can be viewed in Transplantation Portal. The match event is read only however there is the ability for the Transplantation portal users to add and reply to match event notes.

## 7.1 Match Event Parameters

The Kidney/Pancreas TWL match event parameters are displayed below for patient and donor:

Donor	Recipient - Kidney/Pancreas - TWL - 3 years 2 months (waiting time)
<b>Extended acceptance criteria</b> HepC Ab pos ✖ No	<b>Renal parameters</b> EPTS -
TRK ✖ No	Max KDPI 100%
Increased Viral Risk ✖ No	Dialysis Start Date -
<b>Renal parameters</b> Match KDPI (Percentile) 35%	<b>Clinical parameters</b> Referral date 02/04/2019
	eGFR at referral 13
	Date eGFR is less than 15 ml/min 02/04/2019
	Activation date 15/07/2019
	<b>Patient category</b> National Priority ✖ No

**Appendix 1: Data extract fields**

Last Name	Accept Increased Viral Risk - Date of consent	Status
First Name	Accept ABOi	Reason
Date of Birth	Accept ABOi - Date of consent	Previous Transplant
OM Lab	ABOi - ABOi values	HLA Typing
National Reference	State Urgency	UA&AA - TWL cPRA
Hospital Reference	National Urgency	UA&AA - TWL - AB Screening
Date of Last Sample	Paediatric Status for Matching	UA&AA - TWL - Prev. Donor Mismatch
Organ Program	Ready	UA&AA - TWL - Other
Pathway	Transplant Hospital Reference	UA&AA - TWL - AA
ABO	Transplant Provider	UA&AA - Living Donor cPRA
Subtype	Clinical Hospital	UA&AA - Living Donor - AB Screening
Rhesus	Clinical Hospital Reference	UA&AA - Living Donor - Prev. Donor Mismatch
Waiting Time - days	Clinical Provider	UA&AA - Living Donor - Other
Dialysis for matching	Accept HepBc Ab pos	UA&AA - Living Donor - AA
Height (cm)	Accept HepBc Ab pos - Date of consent	
Weight (kg)	Accept HepC Ab pos	
Transplant Unit	Accept HepC Ab pos - Date of consent	
Transplant Hospital Reference	Accept TRK	
Transplant Provider	Accept TRK - Date of consent	
Clinical Hospital	Accept Increased Viral Risk	
Clinical Hospital Reference	Accept Increased Viral Risk - Date of consent	
Clinical Provider	Accept ABOi	
Accept HepBc Ab pos	Accept ABOi - Date of consent	
Accept HepBc Ab pos - Date of consent	ABOi - ABOi values	
Accept HepC Ab pos	State Urgency	
Accept HepC Ab pos - Date of consent	National Urgency	
Accept TRK	Paediatric Status for Matching	
Accept TRK - Date of consent	Ready	
Accept Increased Viral Risk	Consolidated Antibodies	

## Definitions

Term/abbreviation	Definition
AA	Acceptable Antigens
ATIR	Angiotensin Type 1 receptor
KDPI	Kidney Donor Profile Index
KPD	Kidney Paired Donation
LDD	Living Directed Donor
LNDD	Living Non Directed Donor
mPRA	Match panel-reactive antibody. Provides an estimate of the percentage of deceased organ donors that will be incompatible for a recipient based on the antigens assigned as unacceptable for a recipient. This is based on a pool of donors from the Australian population, and should represent the HLA antigen frequency in the population. If more than one HLA antigen is unacceptable, the mPRA is the total frequency of the HLA antigens.
OOL	Organ Offer List
OM	OrganMatch
Transplantation Portal	OrganMatch portal for transplant clinicians and coordinators. Previously known as Clinical Portal
TWL	Transplant Waiting List
UA	Unacceptable Antigens