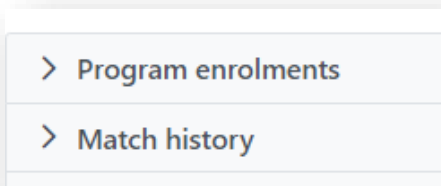


A match event is created when OrganMatch looks at a potential match between a recipient and donor via the high level compatibility check, even for pairings that were not compatible. This allows the user to check for a recipient or donor, who they were compared with, and the result of the comparison.

## 1. VIEWING A MATCH EVENT

### FROM PERSON RECORD

- To view a match event from the **Person** record click **Match History**.



- Match events are listed in the table.

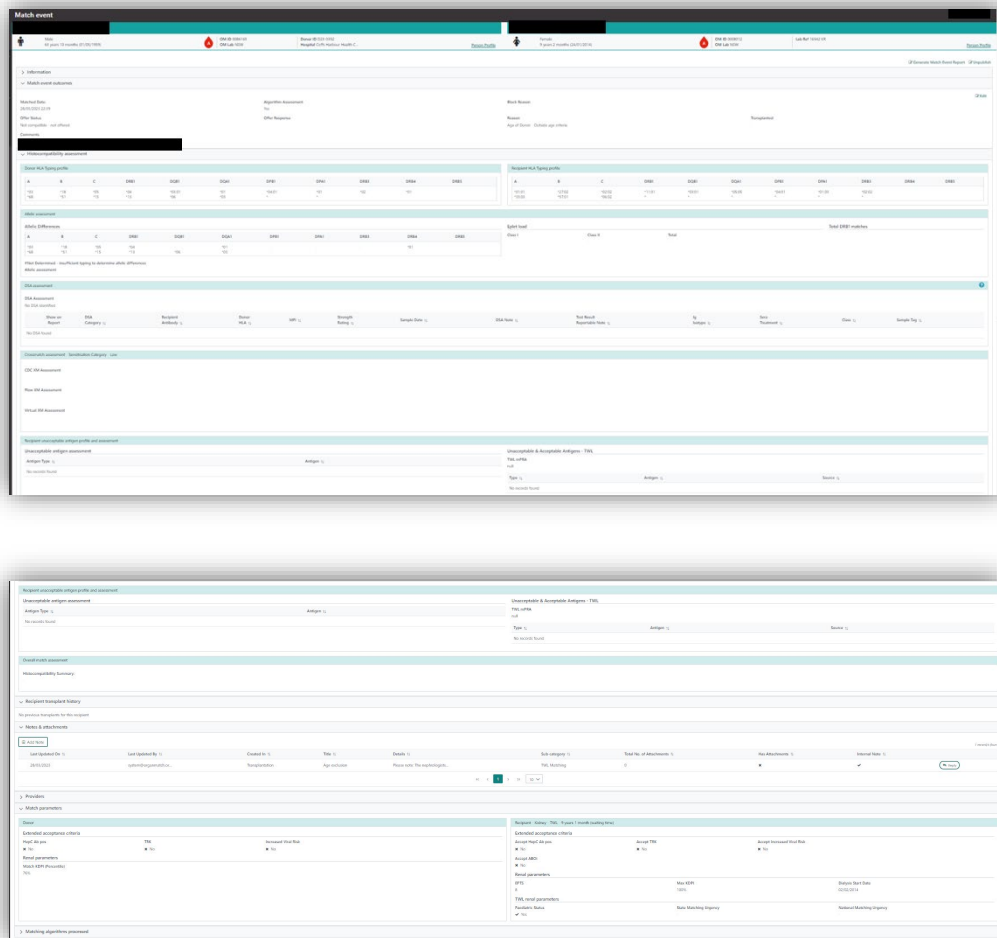
Match history View Notes

Reset Filters Export Match History Generate Report

Organ Program: All Transplant Pathway: All Algorithm Assessment: All Pair Blocked: All  
 Offer Status: All Offer Response: All Reason: All Transplanted: All  
 From Date: dd/mm/yyyy To Date: dd/mm/yyyy OM Lab: All Matched Person:

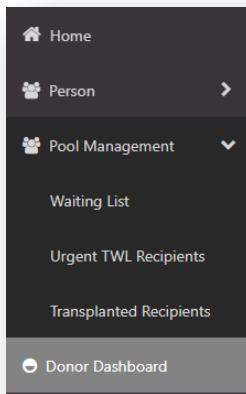
Match Details			Matched Person			Outcome							
Organ Program	Pathway	Event Date	Name	OM ID	OM Lab	Donor ID	Algorithm Assessment	Blocked	Offer Status	Offer Response	Reason	Transplanted	Published
Kidney	TWL	14/03/2023 12:08	[REDACTED]			D23-0263	No	No	N/A	N/A	N/A	N/A	No
Kidney	TWL	13/03/2023 23:16	[REDACTED]			D23-0283	No	No	N/A	N/A	N/A	N/A	No
Kidney	TWL	13/03/2023 15:06	[REDACTED]			D23-0279	Yes	No	Eligible for offer	N/A	N/A	N/A	Yes

- Click a row in the **Match history** table to open a match event.

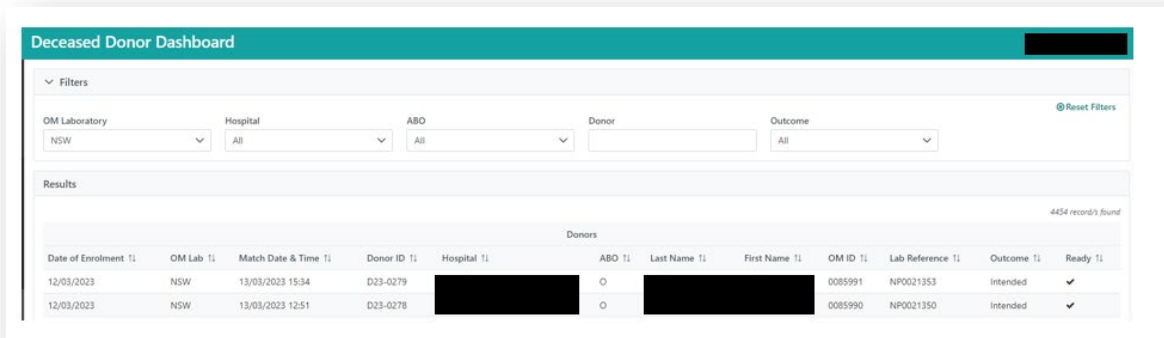


FROM TRANSPLANT WAITING LIST MATCHING SCREEN

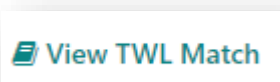
- To view a match event from the **Transplant waiting list matching** screen, click **Donor Dashboard**.



2. Click on the donor record to be viewed.



3. Click **View TWL Match** to open the **Transplant waiting list matching** screen.



4. Click on a row in the **Matching recipients** table to view the match event.

**Transplant waiting list matching**

Male  
54 years 8 months (21/06/1968)

OM ID 0085991  
OM Lab NSW

Donor ID D23-0279  
Hospital John Hunter Hospital

Matching Parameters

Matching OM Lab \*  
NSW

Organ Program \*  
Kidney

Type of Matching \*  
Algorithm matching

Algorithm \*  
Kidney Standard v2

Match

Matching Recipients

View Notes Generate OOL report Enable Generate OOL in DP

Filters

Find Person

Transplant Hospitals  
All

Organ Program  
All

Algorithm  
All

Reset Filters

Offer Status  
All

Rank From  
\*\*\*

Rank To  
\*\*\*

Age(Years) From  
\*\*\*

Age(Years) To  
\*\*\*

Matching recipients XM results

Number of Matches to Display Publish

171 records found

Organ Program	Algorithm	Rank	Score	Last Name	First Name	OM Lab	DoB	Age(Years)	Offer Status	Transplant Hospital	Published Status
Kidney	National Algorithm	1	98.001.156	[REDACTED]	[REDACTED]	[REDACTED]	26/10/1978	44	Eligible for offer	John Hunter Hospital - Renal Unit	Published
Kidney	National Algorithm	2	95.001.011	[REDACTED]	[REDACTED]	[REDACTED]	16/07/1963	59	Eligible for offer	Royal Melbourne Hospital - Renal Unit	Published

VIEW THE MATCH DETAILS IN EACH TAB IN THE MATCH EVENT

**Information** contains information related to changes made to the match event including:

- **Last updated on** - this is the date the match event is initially created and is updated when any data is updated in Match event outcomes, Histocompatibility assessment and providers. Adding a note or attachment will not update this date.
- **Last updated by** – is the user that created the match and then the subsequent updates.
- **Published Status** – published date and Published by – this is described in Section 5, Publishing Match events.

**Match event outcomes** contains high-level match details, such as:

- **Matched Date** and **Algorithm Assessment**, and **Pair Blocked** and **Block Reason** for KPD pairs.
- Editable details for **Offer Status**, **Offer Response**, **Reason** and **Transplanted**.
- A comments field can be used to add comments.
- Functionality in this field is described in [Update Match Event Outcomes](#).
- For KPD additional fields are viewable, but not editable by the laboratory. Offered Date, Medical Acceptance Date, Surgical Acceptance Date and Proposed Theatre Date will be updated by the ANZKX team via the Transplantation Portal.

**Histocompatibility Assessment** displays information specific to histocompatibility matching.

- Functionality in this field is described in [View, Update and Assess the Histocompatibility Assessment](#)

**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			Donor ID									
28/04/2017			Kidney			TWL			LvEDx zdP5jc			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** allows the user to add notes and attachments at the match event level.

- Any notes that are flagged to appear in the match event in the recipient’s record will appear here.

**Providers** shows the associated doctors, clinical and transplant unit details for the recipient and donor. To update provider, see [Update the Provider Information](#).

**Match parameters** displays the donor and recipient parameters used to create the Match Event: See Appendix 1

**Matching algorithms** shows the outcome of all algorithms used to match the donor to the recipient.

## 2. VIEW, UPDATE AND ASSESS THE HISTOCOMPATIBILITY ASSESSMENT

HLA mismatches between the recipient and the donor are automatically calculated for HLA A, B, C, DRB1, DQB1, DQA1, DPB1, DPA1 and DRB3,4,5.

### HISTOCOMPATIBILITY ASSESSMENT TAB.

#### 2.1 ALLELIC ASSESSMENT

1. Click **Edit** in the **Allelic assessment**.

Allelic Differences										Eplet load			Total DRB1 matches	<a href="#">Edit</a>	
A	B	C	DRB1	DQB1	DQA1	DPB1	DPA1	DRB3	DRB4	DRB5	Class I	Class II	Total		
-	*08	*07	*03:01	*02	*02	*03:01	-	*01	-	-	-	-	-	-	-
-	*44	*16	*07	-	-	**1:01	*02	-	-	-	-	-	-	-	-

\*Not Determined - insufficient typing to determine allelic differences  
Allelic assessment


Comments can be added when allelic differences are identified but the differences do not represent a mismatch (e.g. DPB1\*03:01 vs. DPB1\*104:01), or allelic difference exists at allele level only.

2. Enter the results in **Eplet load** in the applicable fields: **Class I**, **Class II** and **Total**.
3. Click **Save**.

## 2.2 DSA ASSESSMENT

1. Click **Edit** in the **DSA assessment**.

DSA assessment	<a href="#">?</a>
DSA Assessment	<a href="#">Edit</a>

**Note:** The Help icon  displays a link to the Donor Specific Antibody assignment document (OM-033)

[?](#)

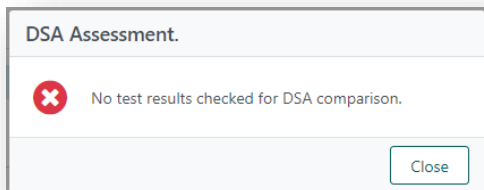
Link to view DSA assignment document:

[https://www.donatelife.gov.au/OrganMatch DSA Assessment](https://www.donatelife.gov.au/OrganMatch%20DSA%20Assessment)

2. Click **Check for recipient DSA**. The **Save** button is disabled until this button is clicked.



**Note:** If there are no HLA antibody records ticked for DSA in the recipient’s record a pop up will appear. Review the recipients results before selecting the appropriate assessment.



3. Assess the DSA identified and indicate whether the row will appear on the match event report, transplant event report or OOL report (**Show on Report** checkbox), update the **DSA category** (Specific or Potential) and add a **DSA note**.

*For further details refer to OM-033 Donor Specific Antibody Assignment.*

<input type="checkbox"/> Show on Report	DSA Category <small>TL</small>	Recipient Antibody <small>TL</small>	Donor HLA <small>TL</small>	MFI <small>TL</small>	Strength Rating <small>TL</small>	Sample Date <small>TL</small>	DSA Note <small>TL</small>	Test Result Reportable Note <small>TL</small>	Ig Isotype <small>TL</small>	Sera Treatment <small>TL</small>	Class <small>TL</small>	Sample Tag <small>TL</small>
<input type="checkbox"/>	Potential <small>▼</small>	B*08:01	B*08	2325	Moderate	23/10/2020	<input type="text"/>		IgG	EDTA	Class I	

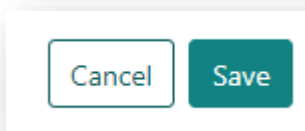
4. The number of days since the last Single Antigen test will display on the DSA assessment banner. This is calculated from the sample date of the most recent sample ticked for DSA assessment at the time of retrieving the DSA result. This result can be ticked in the **HLA antibody screen results** tab or the **Antibody consolidation** tab.

DSA assessment - 41 days since last Single antigen test result

DSA Assessment  
Class II DSA identified

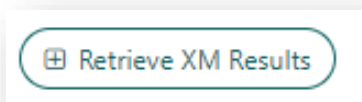
Show on Report	DSA Category ↑↓	Recipient Antibody ↑↓	Donor HLA ↑↓	MFI ↑↓	Strength Rating ↑↓	Sample Date ↑↓
✓	Specific	DRB4*01:01	DRB4*01	1172	Weak	04/11/2021
✓	Specific	DRB4*01:01	DRB4*01	1023	Weak	06/07/2023
✓	Specific	DRB4*01:01	DRB4*01	1017	Weak	08/09/2022
✓	Specific	DRB4*01:03	DRB4*01	626	Weak	04/11/2021

5. Click **Save**.



## 2.2 CROSSMATCH ASSESSMENT

1. Click **Edit** in **Crossmatch assessment**.
2. Click **Retrieve results**. All verified crossmatch results between the selected donor and recipient are retrieved and displayed on screen.



3. Tick **Show on Report** next to results required to appear on the report for LDD or KPD match events. For TWL match events - the default setting **Show on report** is ticked. If these results are not to be displayed, unticking is needed.  
To display all results on the report, tick **Show on report** in the table header.



When **Show on Report** is ticked these results will appear in the match event report, transplant event report or OOL report.

<input checked="" type="checkbox"/> Show on Report	Serum Sample Reference	Serum Sample Date	Peak	Cell Sample Reference	Crossmatch Type	Additive	Cell Treatment	Result Score	Result	Channel Shift from threshold	XM Date	Test Date
<input checked="" type="checkbox"/>	N-22-914638-A	18/12/2022	No	N-22-914482-A	FXM-T-IgG		Pronase		Negative	-20	21/12/2022	21/12/2022
<input checked="" type="checkbox"/>	N-22-914638-A	18/12/2022	No	N-22-914482-A	FXM-B-IgG		Pronase		Negative	-94	21/12/2022	21/12/2022
<input checked="" type="checkbox"/>	671366	05/04/2016	No	N-22-914482-A	FXM-T-IgG		Pronase		Strong Positive	277	21/12/2022	21/12/2022
<input checked="" type="checkbox"/>	671366	05/04/2016	No	N-22-914482-A	FXM-B-IgG		Pronase		Positive	206	21/12/2022	21/12/2022

- Select the appropriate **XM assessment** comment in the applicable drop-down list(s), depending on the crossmatch method to be reported.

The selected text may be edited or entered as free text.

- Click **Save**.

## 2.3 RECIPIENT UNACCEPTABLE ANTIGEN PROFILE AND ASSESSMENT

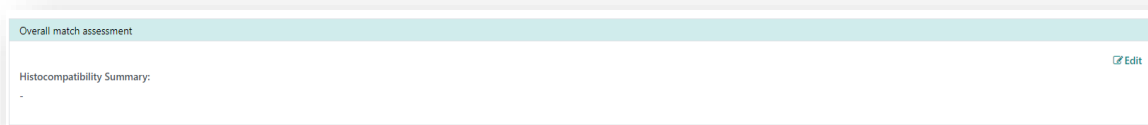
The Recipient Unacceptable Antigen Profile and Assessment field displays the Unacceptable Antigen (UA) assessment specific to the donor in progress, and the Authorised Unacceptable Antigen profile of the patient.

The following options can be displayed in the **Unacceptable antigen assessment**:

If UA assessment displays...	Then...
Specific UA	The recipient has unacceptable antigens authorised against the donor typing and will be excluded via the matching algorithms. Review of the recipients' unacceptable antigens and donor typing is required to determine compatibility which can be noted in the <b>Overall match assessment</b> .
Potential UA	The recipient has potential unacceptable antigens authorised against the donor typing and has acceptable antigens listed Review of the recipients' unacceptable antigens and donor typing is required to determine compatibility which can be noted in the <b>Overall match assessment</b> .
No UA identified	No unacceptable antigens have been authorised for this recipient against the donors typing.

## 2.4 OVERALL MATCH ASSESSMENT

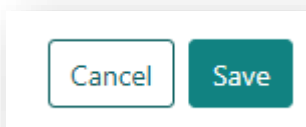
1. Click **Edit** in **Overall match assessment**.



2. Enter additional assessment information for the outcome of the match event

**Note:** The **Histocompatibility Summary** on the Organ Offer List (OOL) will populate with the DSA assessment and crossmatch assessment.

5. Click **Save**.



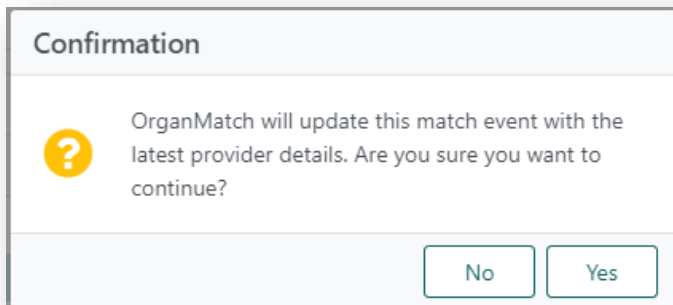
### 3. UPDATE THE PROVIDER INFORMATION

If an enrolment is updated with a new provider, after a match event is created, the match event will need to be refreshed with the new information.

1. Click **Retrieve Provider Information** in the **Providers** section.

A rectangular button with a white background and a teal border. It contains a teal pencil icon followed by the text "Retrieve Provider Information" in teal.

2. A confirmation pop up will appear as below.



3. Select **Yes** to update the providers with the most recent information from the enrolment.

### 4. UPDATE MATCH EVENT OUTCOMES

1. Click **Edit** on the **Match outcomes** tab.

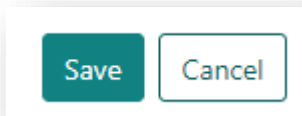
A rectangular button with a white background and a teal border. It contains a teal pencil icon followed by the text "Edit" in teal.

2. Select the **Offer Status** from the dropdown, based on Histocompatibility Assessment, the transplant unit and organ type.

Select...	Then...
Eligible for offer	The recipient is compatible and will appear on the OOL or match event report. This status is used for Kidney recipients.
Not compatible- not offered	The recipient is not compatible with the donor and will be excluded from the OOL.
For assessment by Transplant Unit	The transplant unit determines the final match compatibility. This status is used for non-renal and combined organs.

3. If the recipient is not compatible, select a **Reason** from the dropdown.

4. Click **Save**.



### KPD MATCH EVENT OUTCOMES

Additional fields are viewable in the Match Event Outcomes tab for KPD:

- Offered Date
- Medical Acceptance Date
- Surgical Acceptance Date
- Proposed Theatre Date

Match event outcomes				Edit
Matched Date	Algorithm Assessment	Pair Blocked	Block Reason	
04/06/2023 10:26	Yes	No	-	
Offer Status	Offer Response	Reason	Transplanted	
-	-	-	-	
Offered Date	Medical Acceptance Date	Surgical Acceptance Date	Proposed Theatre Date	
-	-	-	-	
Comments				
-				

**Note:**

- These fields will be updated by the ANZKX team via the Transplantation Portal.
- These fields will not be editable by the laboratory.

## 5. PUBLISHING A MATCH EVENT

Publishing a match event will allow the match event to be viewed by clinicians and Donatelife agencies from the OrganMatch Transplantation Portal and the Donation Portal.

From the Transplant Waitlist Matching screen, the published status is shown. The status is also viewable in the match history table.

There are several ways that match event can be published, depending on the program/pathway:

- The person who last updated the match event will be displayed in the information section of the match event. This user will not have access to publish the match event and the Publish button is disabled. A different user is required to publish the match event.

- Users with On-call for TWL Matching access can Bulk Publish TWL Match Events. Once these match events are published, the **Eligible for offer** and **For assessment by Transplant Unit** status will be visible in the Transplantation Portal and the Donation Portal. The status **Not compatible- not offered** will on appear in the Transplantation Portal.
- Users with On-call for TWL Matching access, or Senior Lab User access can publish individual Match Events. Users with Kidney Paired Donation (KPD) National Lab Coordinator access can publish KPD Match Events. See Section 5.3, *Publishing KPD Match Events*.
- Living Directed Donor (LDD) and KPD match events will be automatically published when the Match event report is authorised. Once these match events are published, they will be visible in the Transplantation Portal

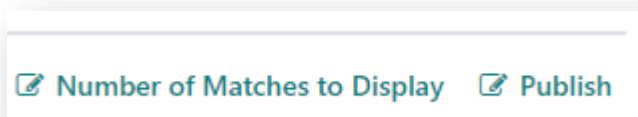
## 5.1 PUBLISHING TWL MATCH EVENTS

1. To publish an individual match event, navigate to the match event and click **Publish**.



The **Information** tab will be updated and the **Published Status** will display as Published

2. To bulk publish match events, navigate to the **TWL matching** screen and click **Publish**.



**Note:** The bulk publish function only publishes match events displayed on the current page. If there are filters applied it will only publish filtered match events on the current page.

Once a match event is published the **Histocompatibility Assessment** and **Match Event Outcome – Offer Status** cannot be modified unless the match event is unpublished. See [Unpublishing a Match Event](#).

## 5.2 PUBLISHING LDD MATCH EVENTS

1. To publish an LDD match event, navigate to the match event and click **Publish**.

A rectangular button with a white background and a teal border. It contains a teal pencil icon followed by the word "Publish" in teal text.

The **Information** tab will be updated and the **Published Status** will display as Published.

- 
2. Published LDD match events are now visible under the Live Donor match history section in the transplant portal.
- 

### 5.3 PUBLISHING KPD MATCH EVENTS

Publishing a KPD match event is performed by the ANZKX Tissue Typing Coordinator (ATTC) or delegate as there is a requirement for this to occur in consultation with the ANZKX program director or delegate. Publishing will be performed via the Bulk Publish function or via report authorisation by the ATTC.

Published KPD match events are now visible under the Live Donor match history banner in the transplant portal.

In the event a Match Event is not visible on the Transplantation Portal, the Match Event can be published by the ATTC by following the steps in Section 5.2, *Publishing LDD Match events*.

## 6. UNPUBLISHING A MATCH EVENT

An individual match event can be unpublished to modify data in the **Histocompatibility assessment**, the **Match Event Outcome – Offer Status** or to update the providers.

To unpublish a match event, on the Match Event, click **Unpublish**.

A rectangular button with a white background and a teal border. It contains a teal pencil icon followed by the word "Unpublish" in teal text.

**Note:** If you are unpublishing a match event for a deceased donor, a prompt will be displayed “Do you want to disable the generation of OOL report for this donor in Donation Portal?” If Yes is selected the **Generate OOL report button** will be disabled in the Donation Portal.

## APPENDIX 1: MATCH PARAMETERS

Donor Type/Organ/Pathway	Donor Parameter	Recipient Parameter
Deceased Donor Kidney TWL	<p>Extended Acceptance Criteria</p> <ul style="list-style-type: none"> <li>- HepC Ab pos</li> <li>- TRK</li> <li>- Increased Viral Risk</li> <li>- Match KDPI (percentile)</li> </ul>	<p>Acceptance Criteria</p> <ul style="list-style-type: none"> <li>- Accept HepC Ab pos</li> <li>- Accept TRK</li> <li>- Accept Increased Viral Risk</li> <li>- Accept ABOi</li> </ul> <p>Renal Parameters</p> <ul style="list-style-type: none"> <li>- EPTS</li> <li>- Max KDPI</li> <li>- Dialysis start Date</li> </ul> <p>TWL renal parameters</p> <ul style="list-style-type: none"> <li>- Paediatric status</li> <li>- State Matching Urgency</li> <li>- National Matching Urgency</li> </ul>
Deceased Donor Kidney/Pancreas TWL	<p>Extended Acceptance Criteria</p> <ul style="list-style-type: none"> <li>- HepC Ab pos</li> <li>- TRK</li> <li>- Increased Viral Risk</li> <li>- Match KDPI (percentile)</li> </ul>	<p>Renal Parameters</p> <ul style="list-style-type: none"> <li>- EPTS</li> <li>- Max KDPI</li> <li>- Dialysis start Date</li> </ul> <p>Clinical Parameters</p> <ul style="list-style-type: none"> <li>- Referral date</li> <li>- eGFR at referral</li> <li>- Date eGFR is less than 15 ml/min</li> <li>- Activation date</li> </ul> <p>Patient Category</p> <ul style="list-style-type: none"> <li>- National Priority</li> </ul>



<p>Deceased Donor Lung TWL</p>	<p>Height &amp; Weight</p> <ul style="list-style-type: none"> <li>- Height (cm)</li> <li>- Weight (kg)</li> </ul>	<p>Acceptable Height Range (cm)</p> <ul style="list-style-type: none"> <li>- From – To</li> </ul> <p>Patient Category</p> <ul style="list-style-type: none"> <li>- Urgent (National Notification)</li> <li>- Urgent Category</li> </ul>
<p>Deceased Donor Heart TWL</p>	<p>Height &amp; Weight</p> <ul style="list-style-type: none"> <li>- Height (cm)</li> <li>- Weight (kg)</li> <li>- Predicted Heart Mass</li> </ul>	<p>Height &amp; Weight</p> <ul style="list-style-type: none"> <li>- Height (cms)</li> <li>- Weight (kg)</li> <li>- Predicted Heart Mass</li> <li>- Predicted Heart Mass Mismatch</li> </ul> <p>Patient Category</p> <ul style="list-style-type: none"> <li>- Urgent</li> <li>- Urgent Reason</li> </ul>

## DEFINITIONS

Term/abbreviation	Definition
ABOi	ABO incompatible
ATTC	ANZKX Tissue Typing Coordinator
DSA	Donor-Specific Antibody
eGFR	Estimated Glomerular Filtration Rate. A key indicator of kidney function.
Donation Portal	OrganMatch portal for Donate Life Agencies
EPTS	Estimated Post-Transplant Survival
Hep B	Hepatitis B
Hep C	Hepatitis C
KDPI	Kidney Donor Profile Index
KPD	Kidney Paired Donation
LDD	Living Directed Donor
LNDD	Living Non Directed Donor
OOL	Organ Offer List
TRK	Tumour-Resected Kidney
Transplantation Portal	OrganMatch portal for transplant clinicians and coordinators. Previously known as Clinical Portal
TWL	Transplant Waiting List
UA	Unacceptable Antigens
XM	Crossmatch

## REFERENCED INTERNAL DOCUMENTS

Document number	Source
OM-033	Donor Specific Antibody Assignment.

## CHANGE HISTORY

Version number	Effective date	Summary of change
-	-	For previous change histories contact the National OrganMatch Office.
11	18/10/2022	Update for OrganMatch Sprint 37: <ul style="list-style-type: none"> <li>Appendix 1 updated to match parameters for Heart TWL match event.</li> </ul>
12	13/12/2022	Update for OrganMatch Sprint 39: <ul style="list-style-type: none"> <li>Section 4 updated match event outcome for comments section to be edited whilst published or unpublished.</li> </ul>
13	18/04/2023	Update for OrganMatch Sprint 42: <ul style="list-style-type: none"> <li>Viewing a match event updated to reflect new order of tabs</li> <li>Section 2.2 updated to include new link to DSA document.</li> <li>Section 5.1 updated to include new rules for bulk publishing match events on current page.</li> </ul> Other changes: <ul style="list-style-type: none"> <li>Transferred to new template.</li> <li>Update to content reflect user guide style.</li> </ul>
14	Refer to footer	Update for OrganMatch Sprint 47: <ul style="list-style-type: none"> <li>Section 2.1 updated to reflect the display of the number of days since the last Single Antigen test result.</li> </ul> Other changes: <ul style="list-style-type: none"> <li>Section 4 updated to specify which offer status is used for an organ and match event outcome dates for KPD.</li> </ul>

## ELECTRONIC SIGNATURE

Author	REBECCA SCAMMELL
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