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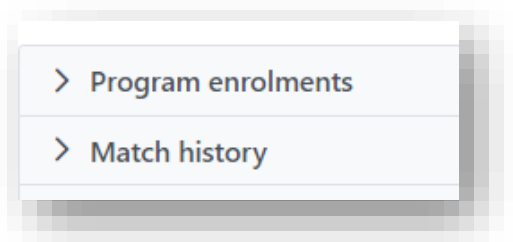
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A match event is created when OrganMatch looks at a potential match between a recipient and donor via the high-level compatibility check, even for pairings that were not compatible. This allows the user to check for a recipient or donor, who they were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

Reset Filters

Export Match History

Generate Report

Pair Blocked

View Notes

Organ Program

All

Transplant Pathway

All

Algorithm Assessment

All

Compatibility Status

All

Offer Status

All

Reason for Decline

All

Transplanted

All

From Date

dd/mm/yyyy

To Date

dd/mm/yyyy

OM Lab

All

Matched Person

Match Details

Organ Program T1

Pathway T1

Event Date T1

Matched Person

Name T1

OM ID T1

OM Lab T1

Donor ID T1

Outcome

Algorithm Assessment T1

Blocked T1

Compatibility Status T1

Offer Status T1

Reason(s) for Decline T1

Transplanted T1

Published T1

Kidney

TWL

15/01/2024 13:40

0089614

NSW

No

No

N/A

N/A

N/A

N/A

No

Kidney

TWL

15/01/2024 12:48

0089597

NSW

D24-0038

No

No

N/A

N/A

N/A

N/A

No

Kidney

TWL

11/01/2024 23:54

0089611

SA

D24-0041

No

No

N/A

N/A

N/A

N/A

No

## ORGANMATCH MATCH EVENT ASSESSMENT – LABORATORY PORTAL

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

**Match event**

**DECLINED DONOR** **RECIPIENT**

Male OM ID 0289597 OM Lab N20W Donor ID 024-0258 Hospital Teepeen Hospital Process Profile Male OM ID 0276262 OM Lab N20W Lab Ref 18996 KR Process Profile

[Generate Match Event Report](#) [Publish](#)

**Information**

**Match event outcomes**

Matched Date: 15/01/2024 12:48 Algorithm Assessment: No Block Reason: - [Edit](#)

Compatibility Status: - Reason(s) for Decline: Transplanted

Not Compatible Reason: -

Comments: -

**Histocompatibility assessment**

**Donor HLA Typing profile**

| A   | B   | C   | DRB1   | DQB1 | DQA1 | DPB1   | DPA1 | DRB3 | DRB4 | DRB5 |
|-----|-----|-----|--------|------|------|--------|------|------|------|------|
| *02 | *08 | *05 | *03:01 | *02  | *01  | *04:01 | *01  | *01  |      | *01  |
| N   | N   | *07 | *15    | *06  |      | N      |      |      |      |      |

**Recipient HLA Typing profile**

| A      | B      | C      | DRB1   | DQB1   | DQA1   | DPB1   | DPA1   | DRB3 | DRB4 | DRB5   |
|--------|--------|--------|--------|--------|--------|--------|--------|------|------|--------|
| *02:01 | *44:02 | *05:01 | *04:01 | *02:02 | *02:01 | *02:02 | *04:01 |      |      | *01:01 |
| *03:02 | *44:03 | *16:01 | *02:01 | *02:01 | *03:03 |        |        |      |      | *01:02 |

**Allelic differences**

| A | B   | C   | DRB1   | DQB1 | DQA1 | DPB1 | DPA1 | DRB3 | DRB4 | DRB5 |
|---|-----|-----|--------|------|------|------|------|------|------|------|
| - | *08 | -   | *03:01 | -    | *01  | -    | -    | *01  |      | *01  |
| - | *08 | *07 | *15    | *06  |      | -    | -    |      |      |      |

\*Not Determined - insufficient typing to determine allelic differences

Allelic assessment: -

**Epitope load**

| Class I | Class II | Total | Total DRB1 matches |
|---------|----------|-------|--------------------|
| -       | -        | -     | -                  |

[Edit](#)

**DSA assessment** [Edit](#)

DSA Assessment: -

**Crossmatch assessment - Sensitisation Category: Low** [Edit](#)

CDC XM Assessment: -

Flow XM Assessment: -

Virtual XM Assessment: -

**Recipient unacceptable antigen profile and assessment**

Unacceptable antigens assessment

| Antigen Type (%) | Antigen (%) | Unacceptable & Acceptable Antigens - TWL |
|------------------|-------------|------------------------------------------|
| No records found |             | TWL mPRA null                            |
|                  |             | Type (%) Antigen (%) Source (%)          |
|                  |             | No records found                         |

**Overall match assessment** [Edit](#)

Histocompatibility Summary: -

Recipient Notes: - [Edit](#)

**Recipient transplant history**

No previous transplants for this recipient

**Notes & attachments**

[Add Note](#)

| Last Updated On (%) | Last Updated By (%) | Created On (%) | Title (%) | Details (%) | Sub-category (%) | Total No. of Attachments (%) | Max Attachments (%) | Internal Note (%) | Records found    |
|---------------------|---------------------|----------------|-----------|-------------|------------------|------------------------------|---------------------|-------------------|------------------|
|                     |                     |                |           |             |                  |                              |                     |                   | No records found |

**Providers**

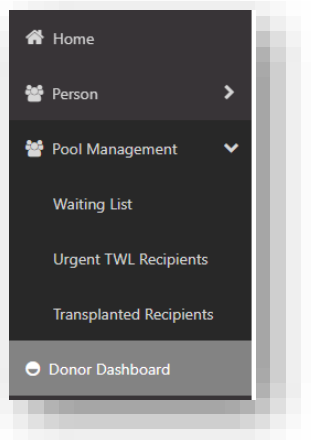
**Match parameters**

| Donor                        | Recipient - Kidney - TWL - 7 months (waiting time) |
|------------------------------|----------------------------------------------------|
| Extended acceptance criteria | Extended acceptance criteria                       |
| Accept HLA A/B pos           | Accept HLA A/B pos                                 |
| Accept T1M                   | Accept T1M                                         |
| Accept increased Viral Risk  | Accept increased Viral Risk                        |
| Accept ABO                   | Accept ABO                                         |
| Renal parameters             | Renal parameters                                   |
| EPIS                         | Max KDPI                                           |
| 60                           | 100%                                               |
| Diabetic Start Date          |                                                    |
| 16/05/2023                   |                                                    |
| TWL renal parameters         | TWL renal parameters                               |
| Recipient Status             | State Matching Urgency                             |
| -                            | National Matching Urgency                          |
| -                            | -                                                  |

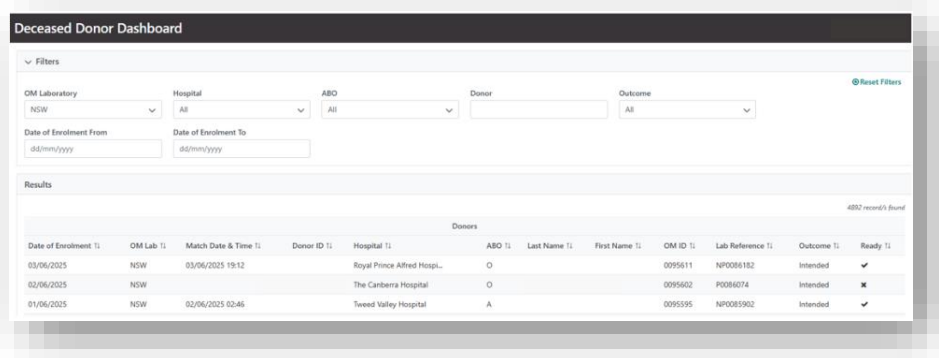
**Matching algorithms processed**

## FROM TRANSPLANT WAITING LIST MATCHING SCREEN

1. 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.



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

**Transplant waiting list matching**

**DECEASED DONOR**

Male  
27 years 6 months  
OM ID 0095188  
OM Lab VIC  
Donor ID  
Hospital Alfred Hospital  
[Match Profile](#)

**Matching Parameters**

Matching OM Lab \*  
NSW

Organ Program \*  
VIC

Type of Matching \*  
Algorithm matching

Algorithm \*  
Algorithm matching

**Matching Recipients**

[Match Run Log](#) [View Notes](#) [Generate OOL report](#) [Disable Generate OOL in DP](#)

**Filters**

Find Person  
All

Transplant Hospitals  
All

Organ Program  
All

Algorithm  
All

Compatibility Status  
All

Rank From  
###

Rank To  
###

Age(Years) From  
###

Age(Years) To  
###

[Reset Filters](#)

**Matching recipients** [XML results](#)

[Number of Matches to Display](#) [Publish](#)  
196 records found

| Organ Program | Algorithm                 | Rank | Score     | Last Name | First Name | OM Lab | DoB        | Age(Years) | Compatibility Status | Transplant Hospital                                | Published Status | Offer Status |
|---------------|---------------------------|------|-----------|-----------|------------|--------|------------|------------|----------------------|----------------------------------------------------|------------------|--------------|
| Kidney        | National Algorithm        | 1    | 99.701062 |           |            | VIC    | 24/02/1959 | 66         | Eligible for offer   | Monash MC Adult Unit - Renal Unit                  | Published        | Accepted     |
| Kidney        | State Restricted Matching | 2    | 47.000042 |           |            | VIC    | 28/08/1975 | 49         | Eligible for offer   | Royal Melbourne Hospital - Renal Unit              | Published        | Accepted     |
| Kidney        | State Restricted Matching | 3    | 47.000008 |           |            | VIC    | 31/08/1964 | 60         | Eligible for offer   | Alfred Hospital - Renal Unit                       | Published        |              |
| Kidney        | State Restricted Waiting  | 4    | 40.100033 |           |            | VIC    | 11/06/2020 | 4          | Eligible for offer   | Royal Children's Hospital - Melbourne - 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 – described in [5. Publishing a Match Event](#).

**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 **Compatibility Status**, **Offer Status**, **Reason(s) for Decline** and **Transplanted**.
- Offer Status** is synced with Organ Offer Management in the Donation Portal and Match Event Outcomes in the Transplantation Portal. Offer Status may display Offered, Accepted or Declined with a date and time.
- 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 [2. 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

28/04/2017

Organ Program

Kidney

Transplant Pathway

TWL

Donor

LvEOx zdP5jc

Donor ID

D17-0191

Previous Donor Allelic Difference

| A | B      | C      | DRB1   | DOB1   | DQA1   | DPB1   | DPA1 | DRB3 | DRB4 | DRB5   |
|---|--------|--------|--------|--------|--------|--------|------|------|------|--------|
| - | *40:10 | *04:03 | -      | -      | *01:01 | *01:01 | -    | -    | -    | *01:02 |
| - | *48:01 | *08:01 | *15:02 | *05:01 | -      | -      | -    | -    | -    | -      |

Previous Donor HLA Typing profile

| A      | B      | C      | DRB1   | DOB1   | DQA1   | DPB1   | DPA1   | DRB3   | DRB4 | DRB5   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|
| *11:01 | *40:10 | *04:03 | *11:01 | *03:01 | *01:01 | *01:01 | *02:02 | *02:02 | -    | *01:02 |
| *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**.

The screenshot shows the 'Allelic assessment' form. It contains a table for 'Allelic Differences' with columns A, B, C, DRB1, DQB1, DQA1, DPB1, DPA1, DRB3, DRB4, and DRB5. Below the table, there are fields for 'Eplet load' (Class I, Class II, Total) and 'Total DRB1 matches'. An 'Edit' button is visible in the top right corner.

| A | B   | C   | DRB1   | DQB1 | DQA1 | DPB1   | DPA1 | DRB3 | DRB4 | DRB5 |
|---|-----|-----|--------|------|------|--------|------|------|------|------|
| - | *08 | *07 | *03:01 | *02  | *02  | *03:01 | -    | *01  | -    | -    |
| - | *48 | *16 | *07    | -    | -    | *11:01 | *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.

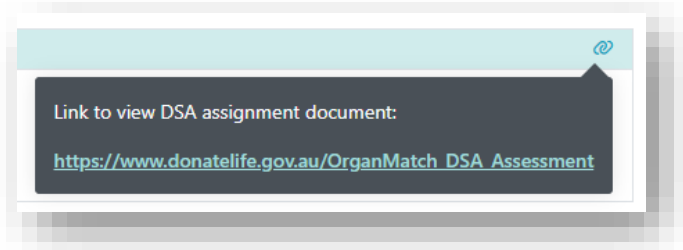
2. Enter the results in **Eplet load** in the applicable fields: **Class I**, **Class II** and **Total**.
3. Click **Save**.

#### 2.2 DSA ASSESSMENT

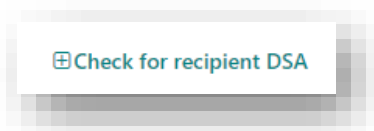
1. Click **Edit** in the **DSA assessment**.

The screenshot shows the 'DSA assessment' form. It contains a single text field labeled 'DSA Assessment' and an 'Edit' button in the top right corner.

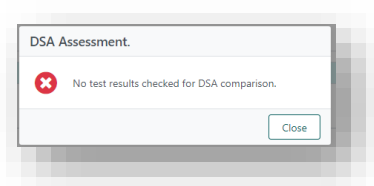
**Note:** When the Link icon  is clicked, it displays a link to the Donor Specific Antibody assignment document (OM-033)



- 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.



- 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 [Donor Specific Antibody Assignment \(OM-033\)](#).

| <input type="checkbox"/> Show on Report | DSA Category T1 | Recipient Antibody T1 | Donor HLA T1 | MFI T1 | Strength Rating T1 | Sample Date T1 | DSA Note T1 | Test Result Reportable Note T1 | Ig Isotype T1 | Sera Treatment T1 | Class T1 | Sample Tag T1 |
|-----------------------------------------|-----------------|-----------------------|--------------|--------|--------------------|----------------|-------------|--------------------------------|---------------|-------------------|----------|---------------|
| <input type="checkbox"/>                | Potential       | B*08:01               | B*08         | 2325   | Moderate           | 23/10/2020     |             |                                | IgG           | EDTA              | Class I  |               |

- 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.

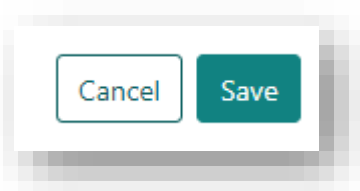
This result can be ticked in the **HLA antibody screen results** tab or the **Antibody consolidation** tab.

DSA assessment - 41 days since last Single antigen test result

DSA Assessment  
Class II DSA identified

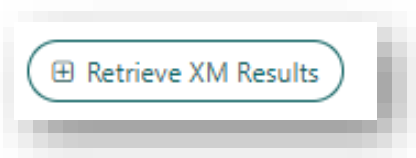
| Show on Report                      | DSA Category ↑↓ | Recipient Antibody ↑↓ | Donor HLA ↑↓ | MFI ↑↓ | Strength Rating ↑↓ | Sample Date ↑↓ |
|-------------------------------------|-----------------|-----------------------|--------------|--------|--------------------|----------------|
| <input checked="" type="checkbox"/> | Specific        | DRB4*01:01            | DRB4*01      | 1172   | Weak               | 04/11/2021     |
| <input checked="" type="checkbox"/> | Specific        | DRB4*01:01            | DRB4*01      | 1023   | Weak               | 06/07/2023     |
| <input checked="" type="checkbox"/> | Specific        | DRB4*01:01            | DRB4*01      | 1017   | Weak               | 08/09/2022     |
| <input checked="" type="checkbox"/> | Specific        | DRB4*01:03            | DRB4*01      | 626    | Weak               | 04/11/2021     |

- Click **Save**.



## 2.3 CROSSMATCH ASSESSMENT

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



- 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<br>T1 | Serum Sample Date<br>T1 | Peak<br>T1 | Cell Sample Reference<br>T1 | Crossmatch Type<br>T1 | Additive<br>T1 | Cell Treatment<br>T1 | Result Score<br>T1 | Result<br>T1    | Channel Shift from threshold<br>T1 | XM Date<br>T1 | Test Date<br>T1 |
|----------------------------------------------------|------------------------------|-------------------------|------------|-----------------------------|-----------------------|----------------|----------------------|--------------------|-----------------|------------------------------------|---------------|-----------------|
| <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.

Flow XM Assessment

Please Select...

Please Select...
  
Current and Peak T cell flow crossmatch Negative
  
Current and Peak T and B cell flow crossmatch Negative
  
Current and Peak T and B cell flow crossmatch Positive
  
Current and Peak T flow crossmatch Negative: Current and Peak B cell flow crossmatch Positive
  
Current T flow crossmatch Negative: Current B cell flow crossmatch Positive

- Click **Save**.

Cancel

Save

## 2.4 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.<br>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.<br>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.                                                                                                                                                                                                          |

## 2.5 OVERALL MATCH ASSESSMENT

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

Overall match assessment

Histocompatibility Summary:

-

[Edit](#)

2. Any notes selected to appear in the Match Event will be displayed in the Histocompatibility Summary. Edit the note or enter additional assessment information for the outcome of the match event.

Overall match assessment

Histocompatibility Summary:

-

[Edit](#)

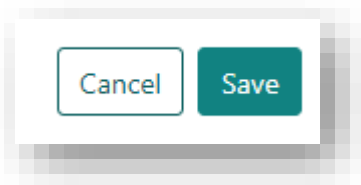
Recipient Notes:

The following previous transplant HLA-B antigen has been lifted from UA in consultation with the unit, Class I-B\*15:01. Do not exclude donors with above typing.

[Edit](#)

**Note:** The **Histocompatibility Summary** on the Organ Offer List (OOL) will populate with the DSA assessment, crossmatch assessment and Days since last Single Antigen test result.

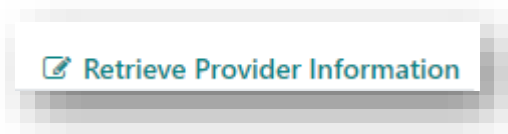
3. Click **Save**.



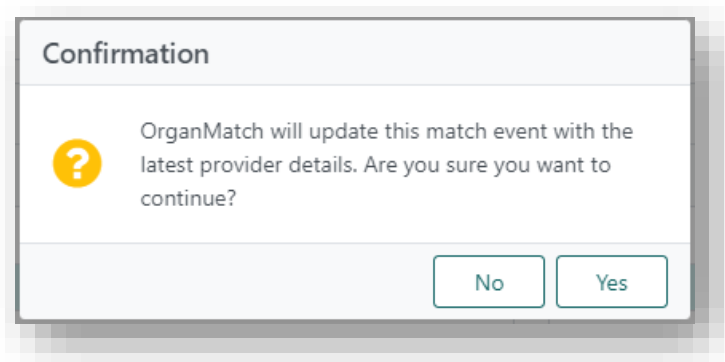
### 3. UPDATE THE PROVIDER INFORMATION

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.



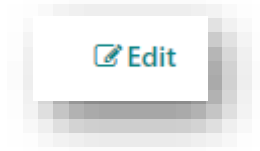
2. A confirmation pop up will appear as below.



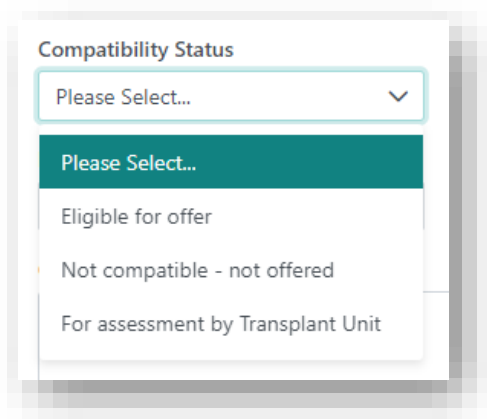
3. Select **Yes** to update the providers with the most recent information from the enrolment.

## 4. UPDATE MATCH EVENT OUTCOMES

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



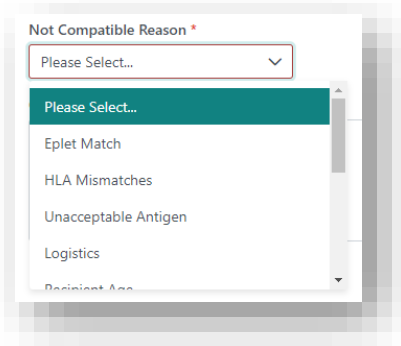
2. Select the **Compatibility Status** from the dropdown, based on Histocompatibility Assessment, the transplant unit and organ type.



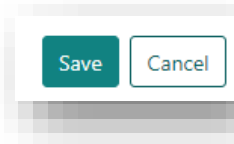
| Select...                         | Then...                                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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.     |

- If the recipient is not compatible, select a **Not Compatible Reason** from the dropdown. This is a mandatory field which needs to be selected to be able to save.

See [Appendix 2](#) for dropdown selections and scenarios to use them.



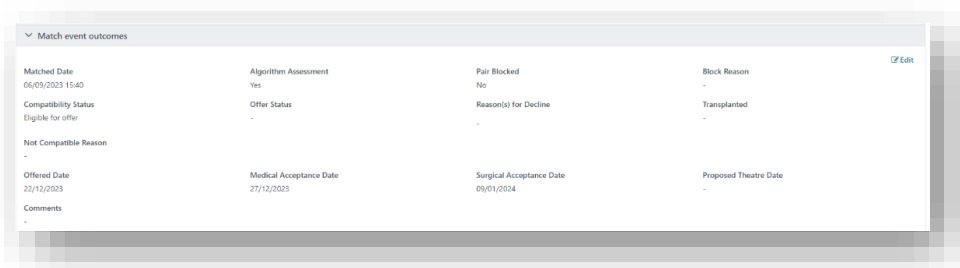
- Click **Save**.



## 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



**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 DonatLife 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** does not appear in either 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.

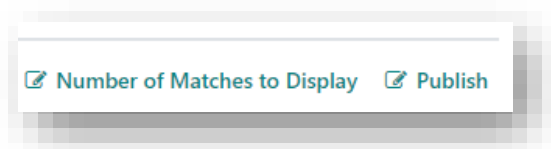
### 5.1 PUBLISHING TWL MATCH EVENTS

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



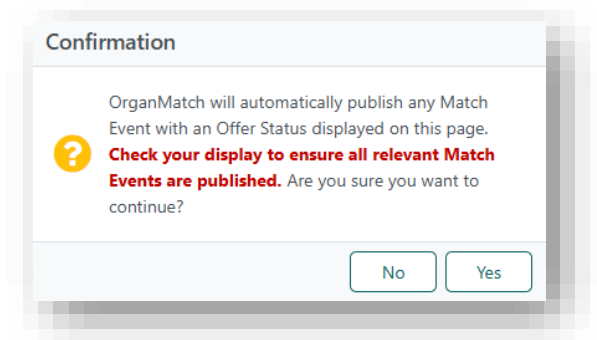
The **Information** tab will be updated and the **Published Status** will display as Published

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.

3. A confirmation pop up will appear as below. Select **Yes** to publish the match events.



**Note:** Once a match event is published the Histocompatibility Assessment and Match Event Outcome – Compatibility Status cannot be modified unless the match event is unpublished. See [6. 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**.



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 Living 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 – Compatibility Status** or to update the providers.

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



**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<br>Kidney TWL          | Extended Acceptance Criteria <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> | Acceptance Criteria <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> Renal Parameters <ul style="list-style-type: none"> <li>– EPTS</li> <li>– Max KDPI</li> <li>– Dialysis start Date</li> </ul> TWL renal parameters <ul style="list-style-type: none"> <li>– Paediatric status</li> <li>– State Matching Urgency</li> <li>– National Matching Urgency</li> </ul> |
| Deceased Donor<br>Kidney/Pancreas TWL | Extended Acceptance Criteria <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> | Renal Parameters <ul style="list-style-type: none"> <li>– EPTS</li> <li>– Max KDPI</li> <li>– Dialysis start Date</li> </ul> Clinical Parameters <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> Patient Category <ul style="list-style-type: none"> <li>– National Priority</li> </ul>                                                                  |

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

## APPENDIX 2: NOT COMPATIBLE REASON

| Not Compatible Reason                   | Scenario                                                                                                                                                                                                                                              |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eplet Match                             | Select when a recipient is excluded from the list as the transplant unit is wanting a better match for the recipient.                                                                                                                                 |
| HLA Mismatches                          | Select when a recipient is excluded from the list as the transplant unit has specified the number of mismatches they will accept. For example, the transplant unit has specified they want the recipient and donor to be matched at DRB1.             |
| Unacceptable Antigen                    | Select when a recipient is excluded from the list due to an unacceptable antigen against the donor. This is used in the case where there may be recipient acceptable antigens listed, and a scientist decision for compatibility is required.         |
| Logistics                               | Select where a recipient is excluded from the list due to logistics with a donor. For example, if a donor organ cannot be offered interstate due to prolonged cold ischaemic time.                                                                    |
| Recipient criteria Donor Age acceptance | Select where a recipient is excluded from the list due a donor age restriction as specified by the transplant unit. For example, a young recipient may require a donor not over a certain age which the unit will specify.                            |
| Donor Age Restriction for allocation    | Select where a recipient is excluded from the list due an age restriction on the donor, usually requested from Donate Life or medical director. For example, Donate Life have directed the lab to only match against recipients over 65 years of age. |
| Donor Medical Issues                    | Select where a recipient is excluded from the list due to a medical issue relating to the donor.                                                                                                                                                      |
| Pre-emptive listing of recipient        | Select where a recipient is excluded from the list as they are not on dialysis.                                                                                                                                                                       |
| Other                                   | Select where a recipient is excluded from the list for any other reason not specified in the dropdown selections.                                                                                                                                     |
| IVRD -Recipient not consented           | Select when recipient has not been consented to accept IVRD and donor has been flagged as IVRD                                                                                                                                                        |
| On Advice of Transplant Unit            | Select when the transplant unit has advised they won't accept any offers from the donor. Specific reason to be added to the comments.                                                                                                                 |

|                               |                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Donor Recipient Size Mismatch | Select when the recipient is excluded due to the size or weight of a donor. For example, a young recipient may require a small donor not above a certain weight threshold. |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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                                                                                        |
| IVRD                   | Increased Viral Risk Donor                                                                         |
| 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.                                                                                                                                                                                                                                                                                                                          |
| 18             | 27/05/2025      | Update for OrganMatch Sprint 57: <ul style="list-style-type: none"> <li>Match event details updated with synced data for Offer Status from the Donation Portal.</li> <li>Section 2.4 updated with new functionality of displaying match event notes in the histocompatibility summary.</li> <li>Section 5.1 updating with new wording for confirmation prompt when bulk publishing.</li> </ul> |
| 19             | 22/07/2025      | Update for OrganMatch Sprint 58: <ul style="list-style-type: none"> <li>Section 1 updated for screenshots of donor dashboard enrolment date filter, new DSA assignment link and Offer Status column in TWL matching screen.</li> <li>Section 2.2 updated with new link for DSA assignment document.</li> </ul>                                                                                 |
| 20             | Refer to footer | Update for OrganMatch Sprint 59: <ul style="list-style-type: none"> <li>Section 1 updated with new display of date and time for offer status.</li> </ul>                                                                                                                                                                                                                                       |

## ELECTRONIC SIGNATURE

|             |                  |
|-------------|------------------|
| Author      | REBECCA SCAMMELL |
| Approver(s) | NARELLE WATSON   |