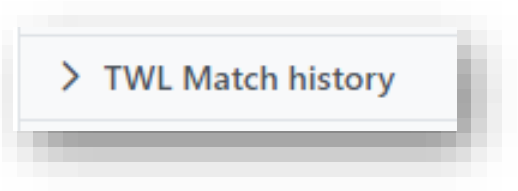
A match event is created between a recipient and a donor and contains information regarding the match. This includes the histocompatibility assessment and donor specific antibody assessment.

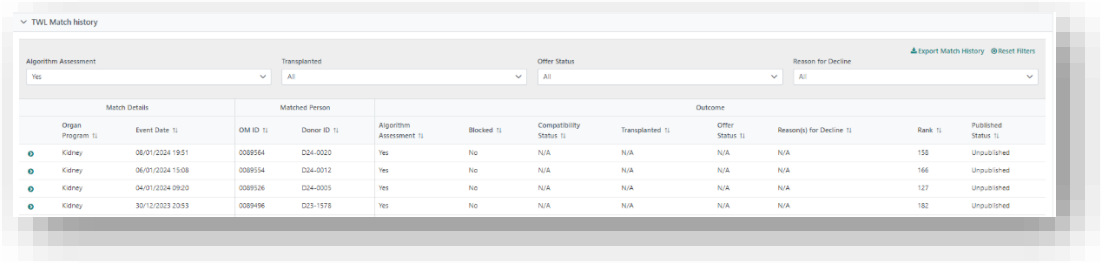
When a match event has been published from the Laboratory Portal, the match event assessment is viewable. If the status is unpublished, this means the lab has not performed an assessment on the matched pair.

VIEWING A MATCH EVENT

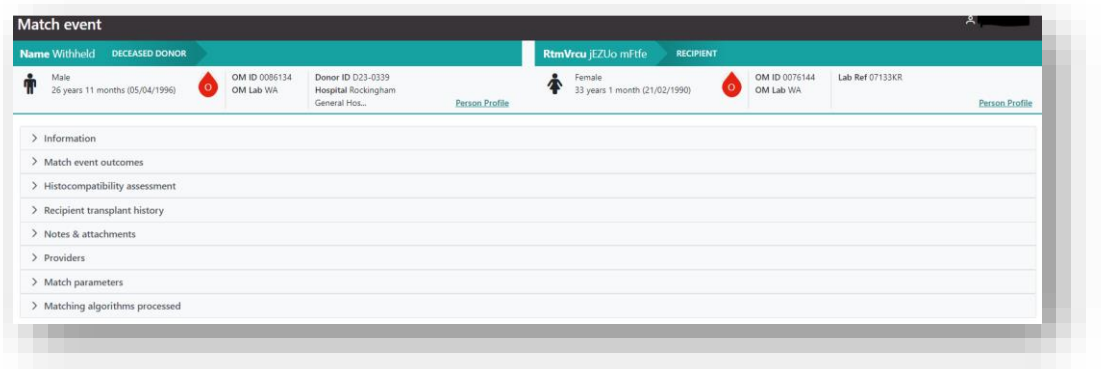
1. To view a match event from the **Person** record click **TWL Match history**.



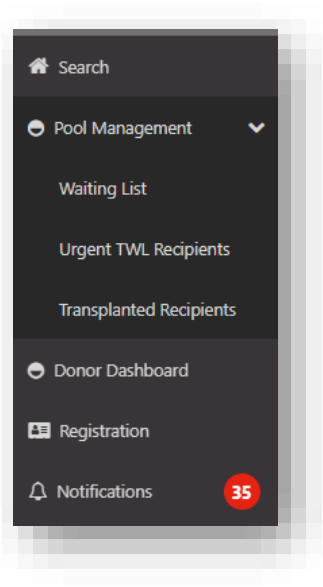
2. Match events are listed in the table.



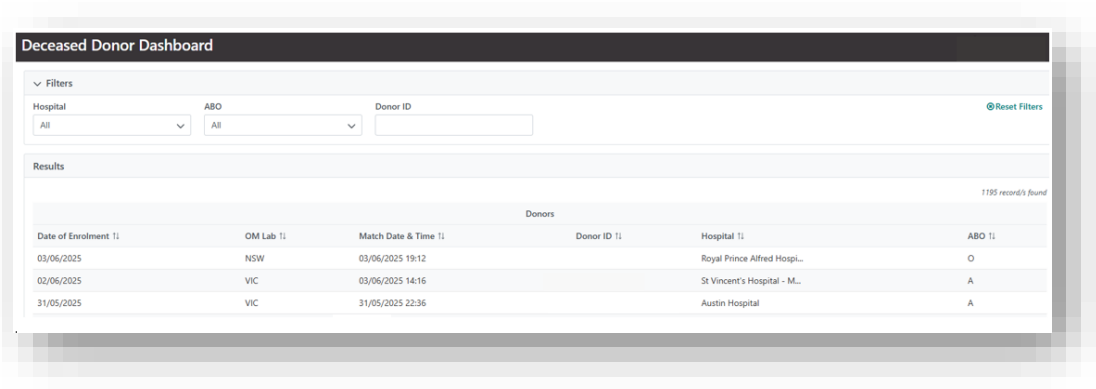
3. Click a published row in the **Match history** table to open a match event.



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



5. Click on the recipient row to view the match event.



VIEW THE MATCH DETAILS IN EACH TAB IN THE MATCH EVENT

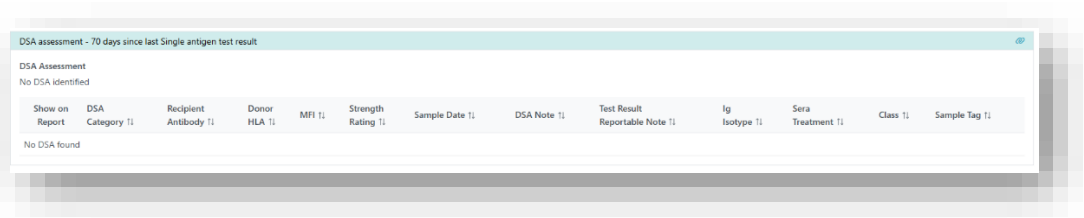
- **Information** contains information related to changes made to the match event.

- **Match event outcomes** contains high-level match details, such as **Matched Date** and **Algorithm Assessment**, **Compatibility Status**, **Offer Status**, **Reason(s) for Decline** and **Transplanted**. For Kidney Paired Donation (KPD) additional fields are viewable for **Offered Date**, **Medical Acceptance Date**, **Surgical Acceptance Date** and **Proposed Theatre Date**.

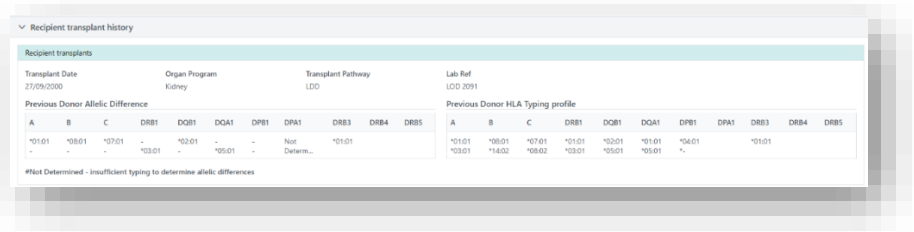
- **Histocompatibility Assessment** displays information specific to histocompatibility matching. This includes HLA typing of patient and donor, donor specific antibodies (DSA) and crossmatch results if available.

- In the DSA assessment section, there is an icon which directs users to the DSA assignment document.

  The number of days since the recipients last Single Antigen test displays in the DSA assessment banner once the assessment has been performed.



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

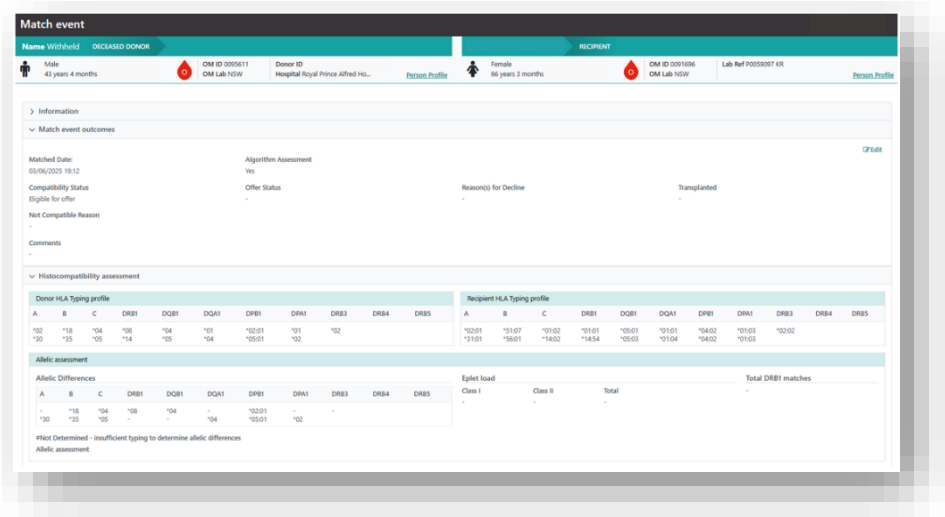


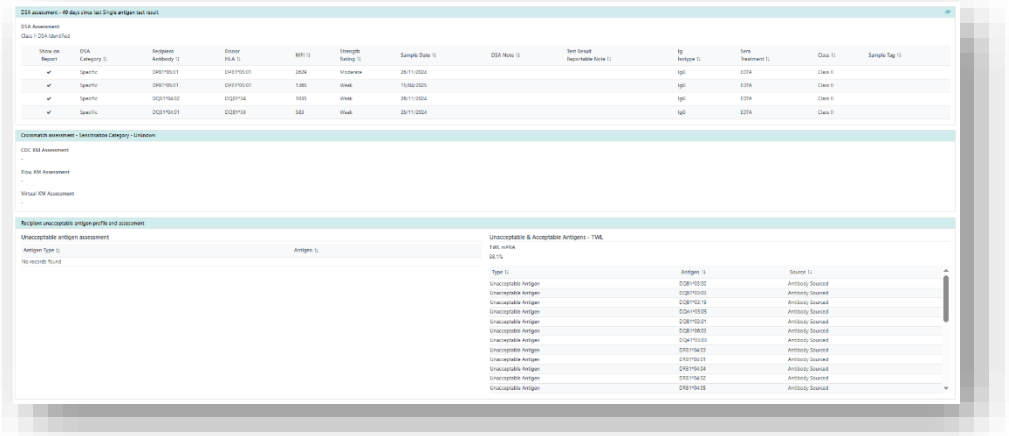
- **Notes and Attachments** allows the user to add and reply to match event notes.

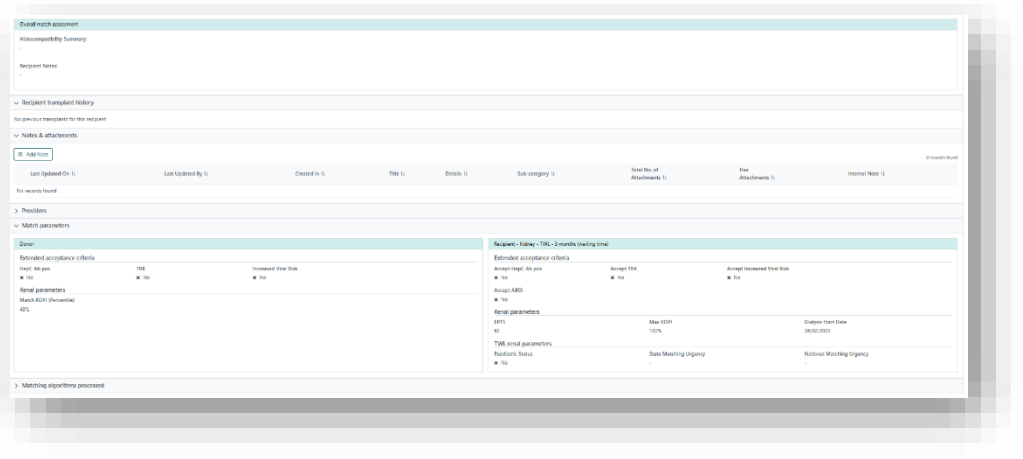
- **Providers** shows the associated doctors, clinical and transplant unit details for the recipient and donor.

- **Match parameters** displays the donor and recipient parameters used to create the Match Event: See **Match event parameters**

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





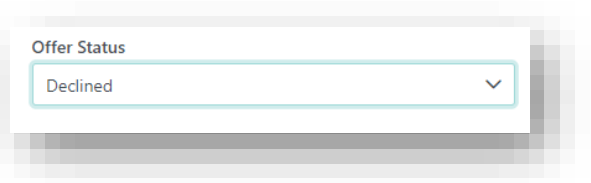


EDITING A MATCH EVENT

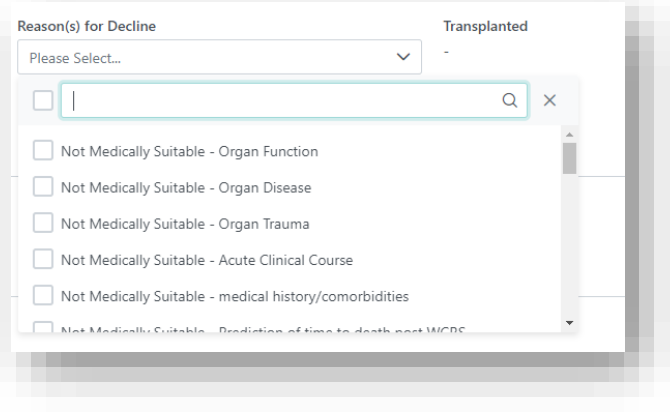
The Match Event can be edited to record a decline on an organ offer.

1. Click **Edit** in **Match Event Outcomes**.

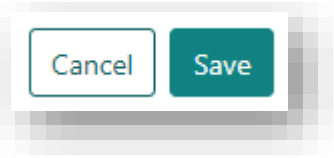
2. Select **Declined** from the **Offer Status** dropdown.



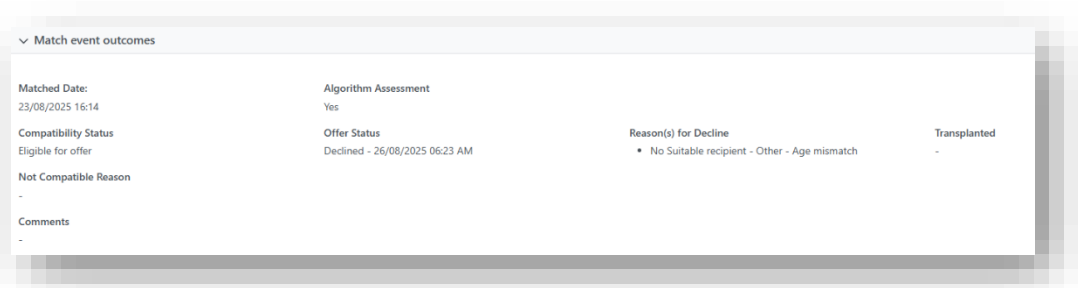
3. Select the reason from the **Reason(s) for Decline** dropdown. Multiple reasons can be selected. See Appendix 1: REASONS FOR DECLINE for a list of reasons.



4. Click **Save.**



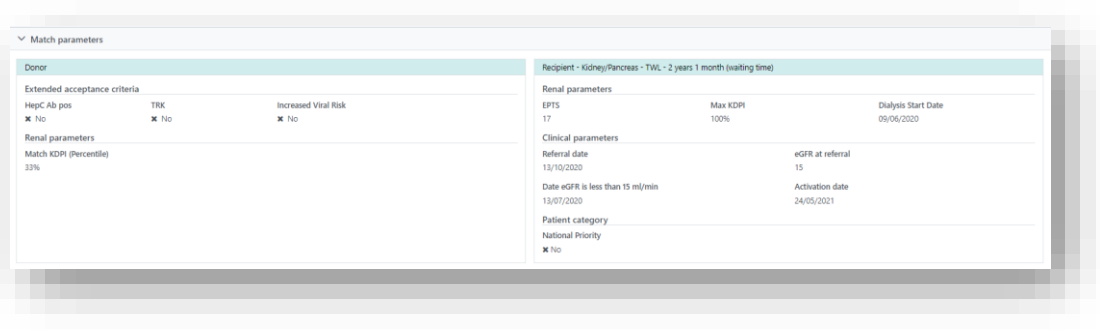
5. The reason for decline is now displayed in the Match Event. The date and time of decline is also displayed.



MATCH EVENT PARAMETERS

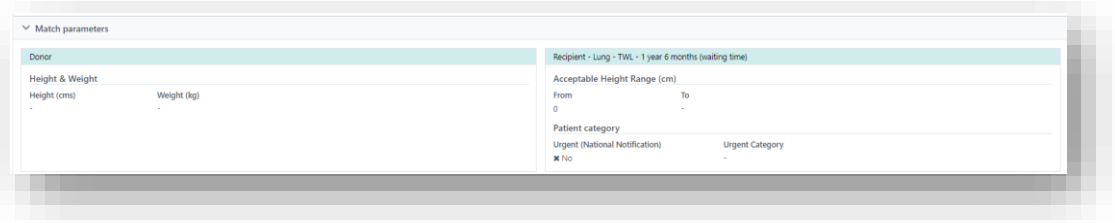
KIDNEY/PANCREAS TWL MATCH EVENT PARAMETERS

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



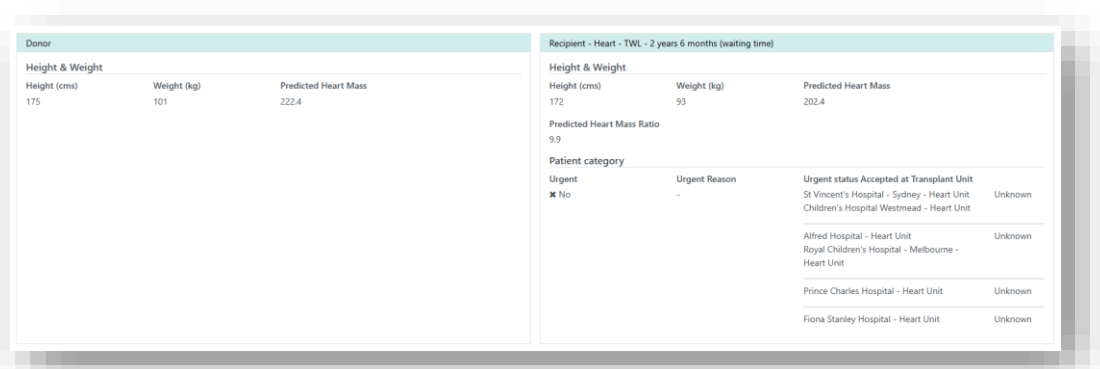
LUNG TWL MATCH EVENT PARAMETERS

The Lung TWL match event parameters are displayed below for patient and donor:



HEART TWL MATCH EVENT PARAMETERS

The Heart TWL match event parameters are displayed below for patient and donor:



Appendix 1: Reasons for Decline

Reason For Decline	Scenario
Not Medically Suitable – Acute Clinical Course	Select when an organ is declined due to the cumulative effect of the admission clinical course and current acute clinical presentation.
Not Medically Suitable – medical history/comorbidities	Select when an organ is declined due to the cumulative effect of the donor's medical history and/or recognised comorbidities.
Not Medically Suitable – Organ Disease	Select when an organ is declined due a specific diagnosed disease of the organ.
Not Medically Suitable – Organ Function	Select when an organ is declined due to assessment of the current function.
Not Medically Suitable – Organ Trauma	Select when an organ is declined due to trauma to the organ.
Not Medically Suitable – Other	Select if an organ is declined and is described as not medically suitable for transplant for a specific reason other than any of the pre-populated selections.
Not Medically Suitable – Prediction of time to death post WCRS	Select when an organ is declined due to the transplant unit assessment/judgement that the potential donor would not die in the required organ specific timeframe, regardless of organ function and/or medical history.
No Suitable recipient – Donor vs recipient conditions	Select when the organ is declined due to donor profile factors (such as extended suitability criteria, age, pathway) and although potentially transplantable, at the time of offer there are no recipients deemed suitable by the unit to accept the organ.
No Suitable recipient – Positive Crossmatch / tissuetyping – DSA	Select when the offer has been declined due to the presence of donor specific antibodies (DSA's) deemed unacceptable for transplantation.
No Suitable recipient – Positive Crossmatch / tissuetyping – HLA mismatches	Select when the offer has been declined due to HLA mismatches.
No Suitable recipient – Positive Crossmatch / tissuetyping – XM	Select when the offer has been declined due to crossmatch results.
No Suitable recipient – Size mismatch	Select when the offer is declined due to no size matched patients on waiting list.
No Suitable recipient – Other- Age mismatch	Select when the offer is declined due to the donor and recipient age variance.

No Suitable recipient – Other	Select if an organ is declined for a reason described as no suitable recipient with a specific reason other than any of the pre-populated selections.
No Suitable recipient – Other-Already Transplanted	Select when the offer is declined as the recipient has already received an offer, accepted and received/receiving a transplant from another donor.
No Suitable recipient – Other – Potential recipient unfit for transplant	Select when the offer is declined due to the identified recipient being unfit to receive the transplant at that time.
Transmission Risk – Discovered positive serology	Select when an organ is declined due to a positive serology or NAT result.
Transmission Risk – History of positive serology	Select when an organ is declined due to a history of a positive serology or NAT result.
Transmission Risk – Malignancy transmission risk	Select when an organ is declined due to the donor's documented cancer history or identified risk of malignancy that has not been previously diagnosed.
Transmission Risk -Infectious disease transmission risk	Select when an organ is declined due to the risk of donor transmission of an infectious disease.
Transmission Risk -Other	Select if an organ is declined for a reason described as no suitable recipient with a specific reason other than any of the pre-populated selections.
Logistics – Cost of retrieval	Select when the organ offer is declined when the cost of providing a retrieval team and/or organ transportation from donor hospital to the transplant unit is deemed excessive.
Logistics – Covid 19	Select when the organ offer is declined due to logistical issues with Covid 19 restrictions.
Logistics – Extended cold ischaemic time	Select when an organ is declined specifically due to the calculated/estimated cold ischaemic time the organ will incur.
Logistics – Extended organ evaluation unavailable	Select when an organ offer is declined due to the inability to facilitate requested additional investigation/s to assess organ suitability, resulting in the transplant unit being unable to deem an organ medically suitable for transplant.
Logistics – Extended response time to organ offer	Select if the transplant unit has failed to provide a response to an organ offer within the allowed timeframes.

Logistics – Offer waived for urgent listing or national notification	Select when an organ offer is deferred by the home state transplant unit to make an organ offer to a current urgent listing or national notification recipient.
Logistics – Other	Select if an organ is declined due to a specific logistical reason other than any of the pre-populated selections.
Logistics – Transplant service unavailable	Select if an organ is declined specifically due to the required transplant team/service being unavailable.
Logistics – retrieval service unavailable	Select if an organ is declined specifically due to the required retrieval team/service being unavailable.
Intra-operative Surgical Injury	Select if an organ is declined due to a surgical injury at the time of the operation.
Assessment at transplant unit	Select if an organ is declined after retrieval by the Transplant Unit.
Surgical Retrieval Injury	Select if an organ is declined due to an injury sustained during surgical retrieval.

DEFINITIONS

Term/abbreviation	Definition
DSA	Donor specific antibodies
KPD	Kidney Paired Donation
SAG	Single Antigen Luminex result
TWL	Transplant Waiting List

CHANGE HISTORY

Version number	Effective date	Summary of change
-	-	For previous change histories contact the National OrganMatch Office.
4	03/04/2024	Update for OrganMatch Sprint 51: • Addition of section for editing match event outcomes. • Addition of Appendix 1 Reasons for decline.
5	22/07/2025	Update for OrganMatch Sprint 58: • Update screenshots for new DSA Assignment link icon Other: • Annual review. • Removed incorrect screen shot from Recipient Transplant History section in match event. • Appendix 1 updated with new reasons for decline.
6	Refer to footer	Update for OrganMatch Sprint 59: • Editing a match event updated with the new display of date and time for offer status.

ELECTRONIC SIGNATURE

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