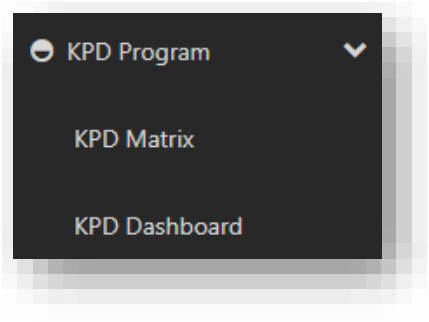
ORGANMATCH AUSTRALIAN AND NEW ZEALAND PAIRED KIDNEY EXCHANGE (ANZKX) OFFER MANAGEMENT- TRANSPLANTATION PORTAL

PURPOSE

This document describes the processes in OrganMatch for Offer Management in the Australian and New Zealand Paired Kidney Exchange (ANZKX) program.

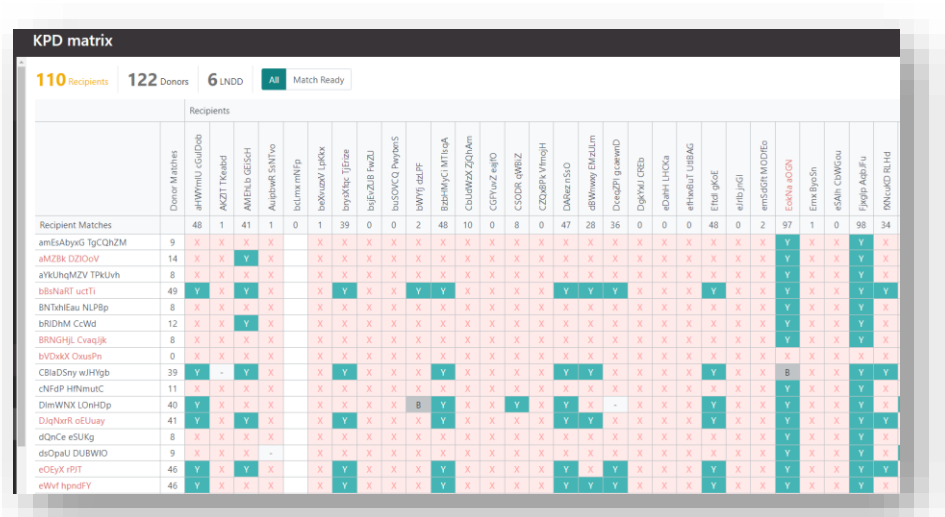
KPD PROGRAM

The ANZKX user role in the OrganMatch Transplantation Portal allows users to access the KPD program menu. This contains the KPD Dashboard and the KPD matrix.



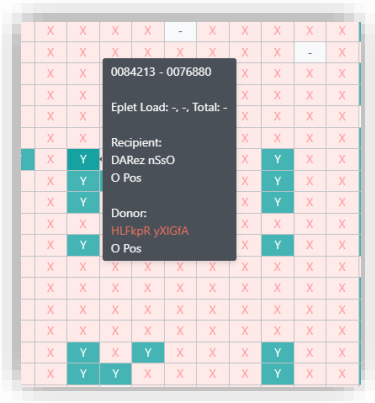
KPD MATRIX

The KPD Matrix displays recipients and donors who are enrolled on the KPD pathway. The outcomes of the matches are visible in the KPD Matrix as a Y (compatible), N (incompatible), B (blocked) or '-' ANZKX Registered Pair (ARP). Recipients or donors who are not "ready" but have a program enrolment will appear as a blank column or row in the matrix as no match events have occurred to populate the X and Y in matrix. Refer to *OM-061 Kidney Paired Donation (KPD) Matching- Laboratory Portal* for further information on the KPD Matrix.

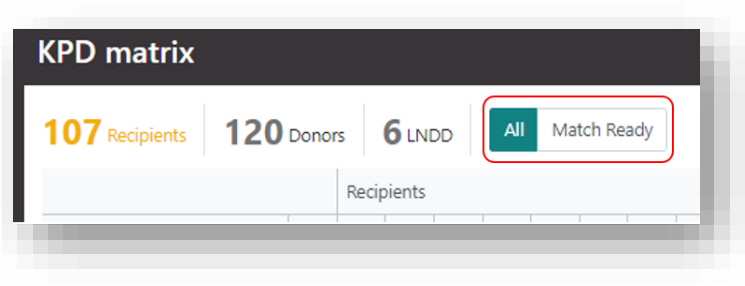


Hover mouse over any cell in matrix and the recipient and donor detail will be visible in a popup, along with the eplet load from the match event. If a pair has been blocked, the blocked reason will also be visible in the hover box. The recipient or donor name will appear in red in the popup if they are red in the matrix.

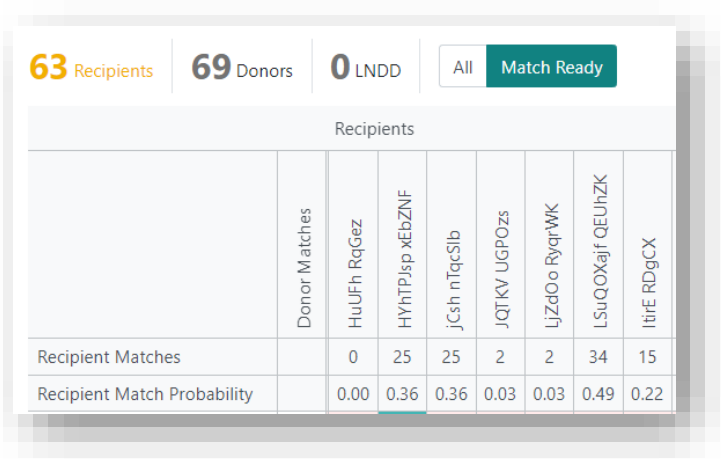
To find a person quickly, use control F (find) and the name will be highlighted red in donor column and yellow in recipient's row.



To view the recipient match probability score for each donor, click the Match Ready button.



The **Recipient Match Probability** displays below the **Recipient Matches** row.



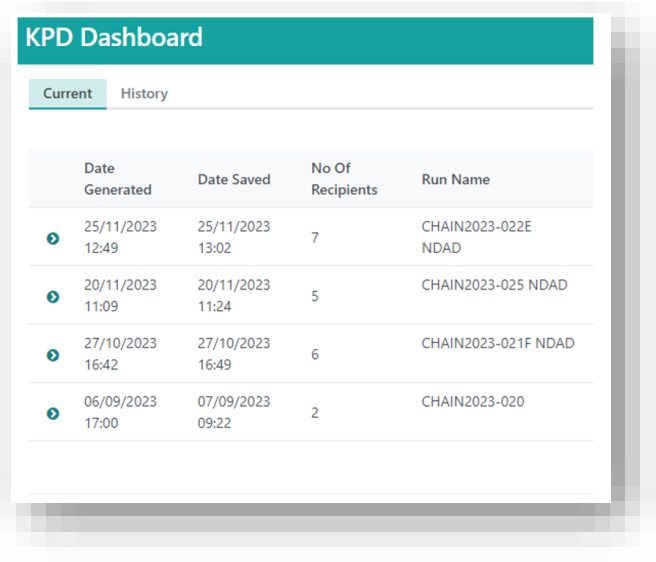
	Donor Matches	HuUFh RqGez	HYhTPJsp xEbZNF	jCsh nTqcSlb	JQTKV UGPOzs	LjZdOo RyqrWK	LSuQOXajf QEUhZK	ltirE RDgCX
Recipient Matches		0	25	25	2	2	34	15
Recipient Match Probability		0.00	0.36	0.36	0.03	0.03	0.49	0.22

KPD DASHBOARD

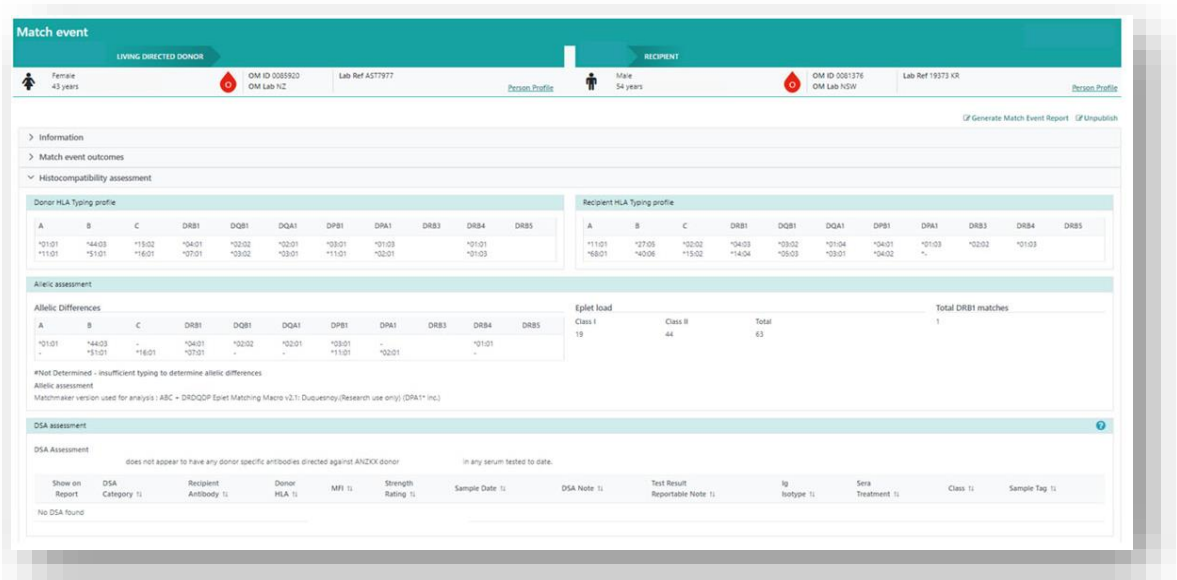
The KPD Dashboard allows the ANZKX team to view combinations and chains in the OrganMatch Transplantation Portal.

The KPD Dashboard displays current and historical published combinations.

The ANZKX Tissue typing coordinator (ATTC) confirms a chain in consultation with the ANZKX Director, these chains are then published In OrganMatch. They will then appear in the current tab in the KPD dashboard.



The match event for each pair in the chain can now be viewed.



The offer for each pair in the chain can be made to the transplant unit individually rather than the whole chain simultaneously.

The match event outcome can also be updated with the offer date, medical acceptance date, surgical acceptance date and proposed theatre date.

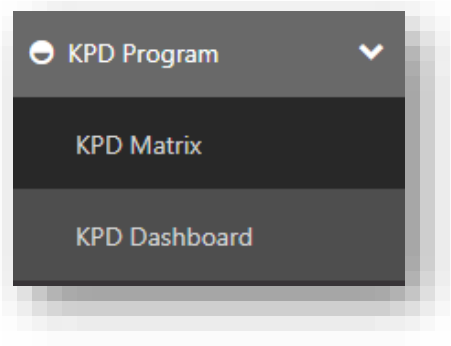
This information is also displayed in the KPD dashboard.

If a chain breaks down or the patients are transplanted, the combination is archived and the chain and combination information will be displayed in the history tab.

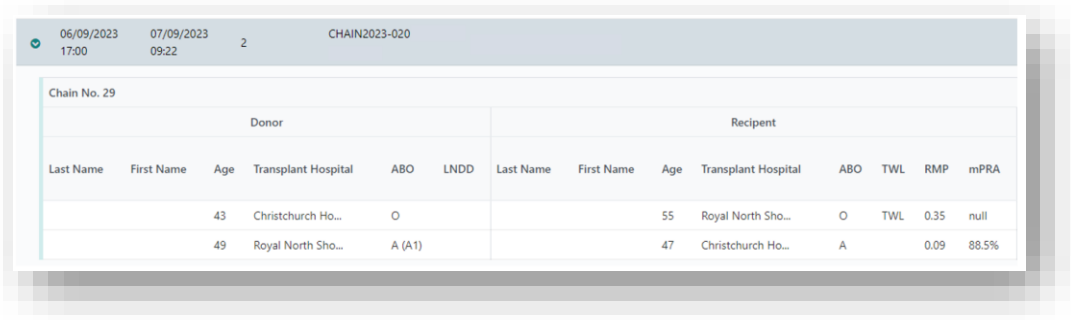
UPDATING MATCH EVENT OUTCOME INFORMATION

When an offer has been accepted the match event fields for acceptance dates can be updated. This data can also be viewed in the laboratory portal.

1. Click **KPD Dashboard**.



2. Click the arrow to expand the combination and view the chains that require updating.

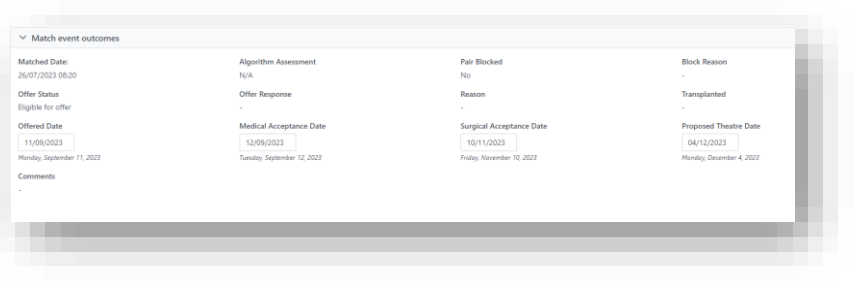


06/09/2023 17:00	07/09/2023 09:22	2	CHAIN2023-020

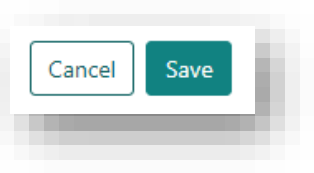
Chain No. 29

Donor						Recipent							
Last Name	First Name	Age	Transplant Hospital	ABO	LNDD	Last Name	First Name	Age	Transplant Hospital	ABO	TWL	RMP	mPRA
		43	Christchurch Ho...	O				55	Royal North Sho...	O	TWL	0.35	null
		49	Royal North Sho...	A (A1)				47	Christchurch Ho...	A		0.09	88.5%

3. Click on the row to view the match event of the recipient and donor. Click **Edit** and update the **Offered Date**, **Medical Acceptance Date**, **Surgical Acceptance Date** and **Proposed Theatre Date** as required.



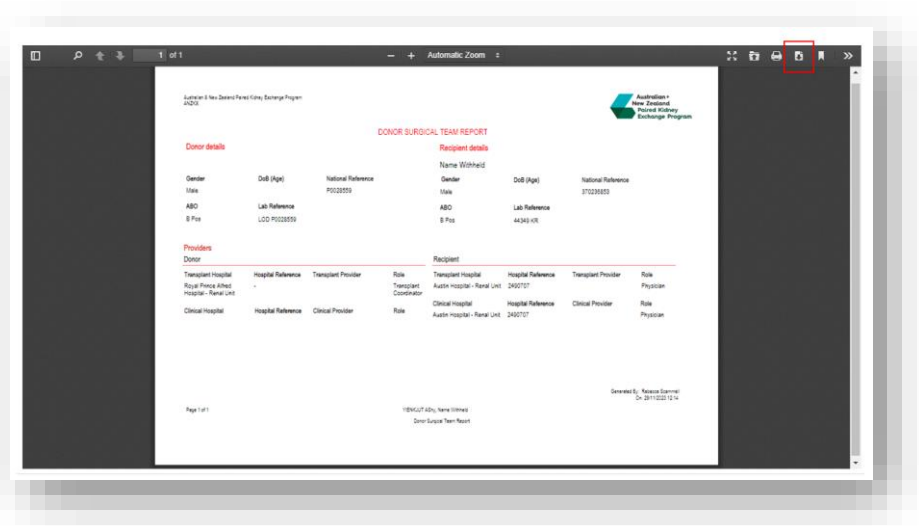
4. Click Save.



5. A notification is generated to the Laboratory Portal when the Medical Acceptance Date is populated to notify the lab the offer has been accepted. A notification is also generated to the Laboratory Portal when the Proposed Theatre Date is populated and is within 30 days to notify the lab that surgery has been booked.

6. Click **Generate Donor Surgical Team Report** to generate the report provided to the Donor Surgical Team for use at the time of Kidney retrieval.

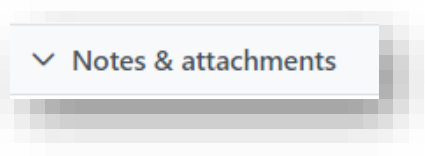
7. The report can then be downloaded to the users local drive or printed as required.



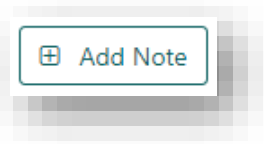
ANZKX INTERNAL NOTE

Specific ANZKX information about recipients or donors can be added via an ANZKX internal note. These notes are only visible to the ANZKZ team in the Transplantation Portal and the KPD National Lab Coordinator and Senior User roles in the Laboratory Portal.

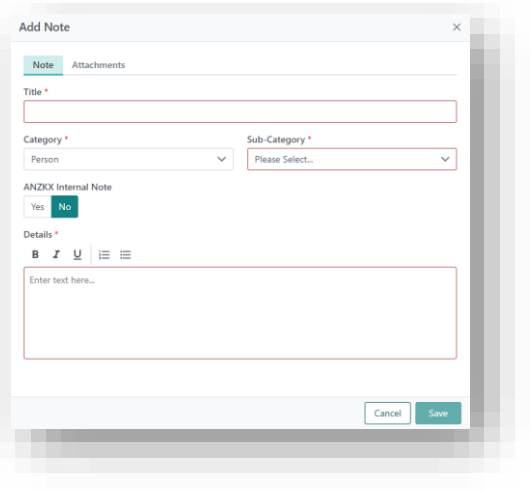
1. In the person record click **Notes & attachments**.



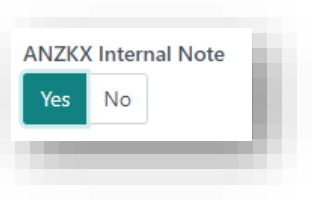
2. Click **Add Note**.



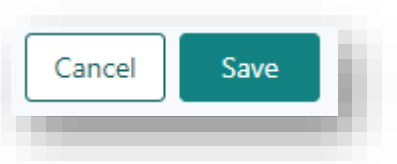
3. Add a **Title**, select a **Sub-Category** and add **Details**.



4. Select **Yes** for **ANZKX Internal Note**.

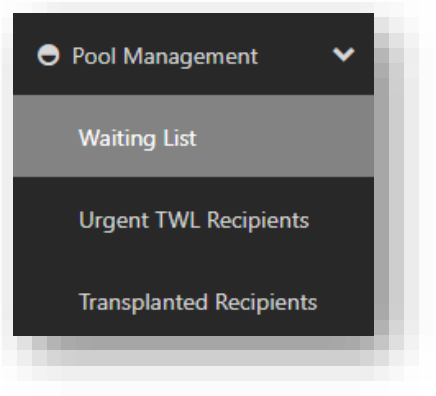


5. Click **Save**.



POOL MANAGEMENT

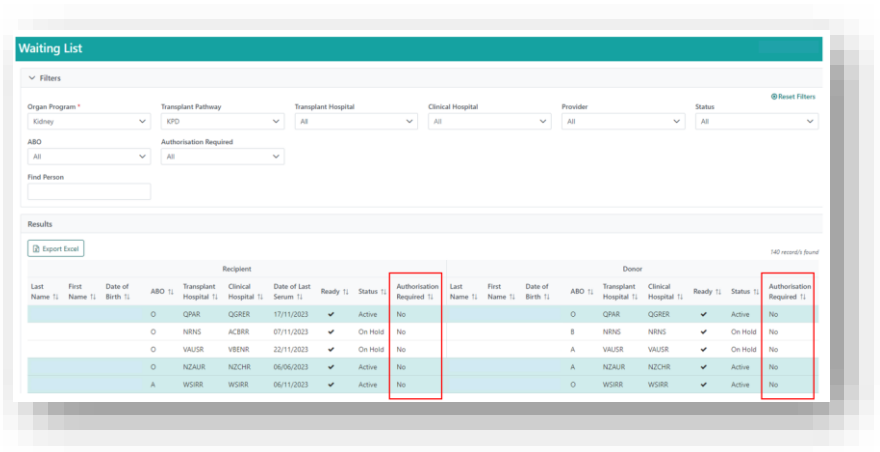
A waiting list for recipients and donors on the KPD pathway can be displayed in Pool Management-Waiting List.



Select Kidney as the **Organ Program** and KPD as the **Transplant Pathway** to display the list.

The recipient and their registered donor are displayed.

The **Authorisation Required** column allows the ANZKX team to view which pairs still require authorisation after registration.



DEFINITIONS

Term/abbreviation	Definition
ANZKX	Australian and New Zealand Paired Kidney Exchange Program
ATTC	ANZKX Tissue typing coordinator
KPD	Kidney Paired Donation
OM	OrganMatch
Transplantation Portal	OrganMatch portal for transplant clinicians and coordinators.

REFERENCED INTERNAL DOCUMENTS

Document number	Source
OM-061	Kidney Paired Donation (KPD) Matching- Laboratory Portal

CHANGE HISTORY

Version number	Effective date	Summary of change
-	-	For previous change histories contact the National OrganMatch Office.
5	06/02/2024	Updated to new template.
6	03/04/2024	OrganMatch Sprint 51 updates: • Updated match event outcomes with new notifications to the laboratory portal.
7	Refer to footer	OrganMatch Sprint 57 updates: • ANZKX internal note section updated to include visibility for KPD National Lab Coordinator and Senior User roles Other: • Annual review.

ELECTRONIC SIGNATURE

Author	REBECCA SCAMMELL
Approver(s)	NARELLE WATSON