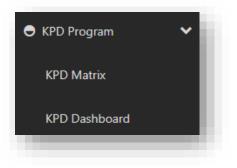
# PURPOSE

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.

10 Recipients	2 Dor	nors	6		D	All	Mat	tch Re	ady																						
		Re	ecipie	ents																											
	Donor Matchae			AKZIT TKeabd	AMENLb GEIScH	AuipbwR SsNTvo	bclmxmNFp	beXvuzkV LpKkx	brysXfqc TjErize	bsjEvZUB FwZU	buSOVCQ PwytbmS	bWYFJ dzLPF	BzbHMyCi MTIsqA	CbUdWzX ZjQhAm	CGFYuvZ eajtO	CSODR qWBIZ	CZQx8Pk VfmojH	DARez n Ss O	dBWnwxy EMzULm	DceqZPI gcaewnD	DgkYMJ CREb	eDahH LHCKa	efHxvBuT UtBAG	Eftdl gKoE	eJrlb jnGl	emSdGft MODfEo	EokNa aOGN	Emx ByoSn	eSAIh CbWGou	Fjxglp Aqb.Fu	DVICUKD RLHd
Recipient Matches		4	8	1	41	1	0	1	39	0	0	2	48	10	0	8	0	47	28	36	0	0	0	48	0	2	97	1	0	98	34
amEsAbyxG TgCQhZM	9			Х	Х	Х		Х	х	Х	Х	Х	Х	х	Х	х	Х	Х	Х	Х	х	Х	Х	X	х	Х	Y	Х	Х	Y	X
aMZBk DZIOoV	14	4 )		Х		X		х	х	Х	х	х	х	х	х	х	X	х	Х	х	х	х	х	X	X	X		X	х		X
aYkUhqMZV TPkUvh	8	)		х				х	х	х		х		х	х		х	х	х	х		х	х			х			х		X
bBsNaRT uctTi	- 4	9	6	Х		х		х		Х	Х			х	х	х	х			Y	х	х	х		х	х		х	х		Y
BNTxhlEau NLPBp	8									Х		Х		х	х		х					х									X
bRIDhM CcWd	13	2)		х		х		х	х	х		х		х	х		х		х	х		х		х					х		X
BRNGHjL CvaqJjk	8	)		х	Х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х		х	х		X
bVDxkX OxusPn	0	)		Х	Х	х		Х	х	х	х	Х	Х	х	Х	х	Х	Х	х	х	х	х	Х	х	х	Х	х	х	Х		X
CBIaDSny wJHYgb	3	9	(							х		х	Y	х	х		х		Y			х		Y			В		х		Y
cNFdP HfNmutC	1	1)		х	Х	х		Х	х	х	х	х	Х	х	Х	х	Х	Х	х	х	х	х	Х	х	X	х		X	х		Х
DimWNX LOnHDp	4	1	6	Х	Х	Х		х	Х	Х	Х	В		х	х		Х				х	Х	Х		X	х		х	х		X
DJqNxrR oEUuay	4	1	(	х				Х		Х		Х		Х	Х		Х		Y	Х									Х		Y
dQnCe eSUKg	8									Х		Х		Х	Х		Х														X
dsOpaU DUBWIO	9	)	<	Х	Х								Х	Х			Х	Х	Х	Х				X							X
eOEyX rPJT	4	5	6	Х						Х		Х		х	Х		Х					Х							Х		Y
eWvf hpndFY	4	5 1	1														X														X

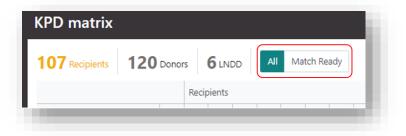
OM-030 VERSION: 8 EFFECTIVE DATE: 22/07/2025

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.

<b>69</b> Dono	ors	<b>O</b> LN	DD	All	Ma	itch Re	ady	
		Recip	ients					
	Donor Matches	HuUFh RqGez	HYhTPJsp xEbZNF	jCsh nTqcSlb	JQTKV UGPOzs	LjZdOo RygrWK	LSuQOXajf QEUhZK	ItirE 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

OM-030 VERSION: 8 EFFECTIVE DATE: 22/07/2025

#### 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.

	rent History			
	Date Generated	Date Saved	No Of Recipients	Run Name
Ø	25/11/2023 12:49	25/11/2023 13:02	7	CHAIN2023-022E NDAD
0	20/11/2023 11:09	20/11/2023 11:24	5	CHAIN2023-025 NDAD
0	27/10/2023 16:42	27/10/2023 16:49	6	CHAIN2023-021F NDAD
Ø	06/09/2023 17:00	07/09/2023 09:22	2	CHAIN2023-020

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

Female				A 0M	ID 0085920	Lab Re	f AST7977					Male				OM ID 00813	76	Lab Ref 19373 x	(R			
43 year					Lab NZ					Person Profile		54 years			0	OM LIM NSW					Person F	Profile
																			Gr Generat	e Match Event R	eport Grunp	ublish
Informati	on																					
Match ev	ent outcom	es																				
Histocom	patibility a	sessment																				
Doner HLA 1	yping profile										Recipient	HLA Typing pro	ofie									
Α.	8	c	DRB1	DQ81	DQA1	DP81	DPA1	DR83	DR84	DRBS	A	8	c	DRB1	DQ81	DQA1	DP81	DPA1	DR83	DR84	DR85	
*01:01 *11:01	144:03 151:01	*15:02 *16:01	*04:01 *07:01	*02:02 *03:02	*02:01 *03:01	*03:01 *11:01	*01:03 *02:01		*01:01 *01:03		*11:01 *68:01	*27:05 *40:06	*02:02 *15:02	104:03 14:04	*03:02 *05:03	*01:04 *03:01	*04:01 *04:02	*01.03 *-	*02:02	*01:03		
Allelic assess	ment																					
Allelic Diffe	rences										Eplet load							Total	DRB1 match	hes		
A	8	c	DR81	DQ81	DQA1	DPB1	DPA1	DR83	DR84	DR85	Class I 19		Class II	Te 6	otal			1				
*01:01	*44:03 *\$1:01	+16:01	*04:01 *07:01	*02:02	102:01	*03:01 *11:01	- 102:01		-01:01		(2											
#Not Deterr Atlelic assess		ficient typing to	determine alle	riic differences																		
		for analysis : AB	IC + DROQOP I	Eplet Matching	Macro v2.1: Dur	quesnoy.(Resea	rch use only) (D	PA1* inc.)														
DSA assessm	ent																					0
DSA Assess	sent																					
		does not app	pear to have any	y donor specifi	cantibodies dire	ected against Al	NZKK donor		in any serun	tested to date.												
Show of Report		i igory ti	Recipier Antibod		Donor HLA 11	MPI 11	Strengt Rating		Sample Date	1	DSA Note 11		t Result portable Note 11		lg Isotype		Sera Treatment 1	, c	Jass ti	Sample Tag	1	
No DSA fou	ed.																					

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.

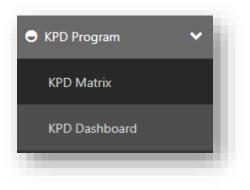
This information is also displayed in the KPD dashboard.

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.

Chai	in 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	0				55	Royal North Sho	0	TWL	0.35	null
			49	Royal North Sho	A (A1)				47	Christchurch Ho	А		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.

Matched Date:	Algorithm Assessment	Pair Blocked	Block Reason
26/07/2023 08:20	N/A	No	
Offer Status	Offer Response	Reason	Transplanted
Eligible for offer			
Offered Date	Medical Acceptance Date	Surgical Acceptance Date	Proposed Theatre Date
11/09/2023	12/09/2023	10/11/2023	04/12/2023
Monday, September 11, 2023	Tuesday, September 12, 2023	Friday, November 10, 2023	Manday, December 4, 2023
Comments			

**Note:** When the Offered Date is added the recipients Kidney TWL enrolment status is updated to On Hold due to KPD chain, where applicable.

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.



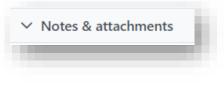
7. The report can then be downloaded to the users local drive or printed as required.

Australian & New Zenters Per ANZYO	ni Giney Burlange Propieri					_	Australian + New Zealand Poleal Kidney Exchange Program		
		C	ONOR SURGI	CAL TEAM REPORT			Exchange Program		
Donor details				Recipient details					
				Name Withheld					
Gender Male	DoB (Age)	National Reference P0028559		Gender Male	Do8 (Age)	National Reference 370235853			
ABO 8 Fox	Lab Reference LOD P0028559			ABO B Pos	Lab Reference 44345 KR				
	200 -0020039			8 705	44349 KN				
Providers Donor				Recipient					
Transplant Hospital Royal Perce Atheo Hospital - Renal Unit	Hospital Reference	Transplant Provider	Role Transplant Coordinator	Transplant Hospital Austin Hospital - Renal Unit	Hospital Reference 2490707	Transplant Provider	Role Physician		
Clinical Hospital	Hospital Reference	Clinical Provider	Role	Clinical Hospital Austin Hospital - Renal Unit	Hospital Reference 2400707	Clinical Provider	Role Physician		
						Generalist	6; Roburne Dammell De 2011/02/02/12/12		
Page 1 of 1				40%, Name Without Surgicel Team Report			or device of a		

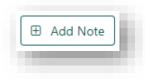
## ANZKX INTERNAL NOTE

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.

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

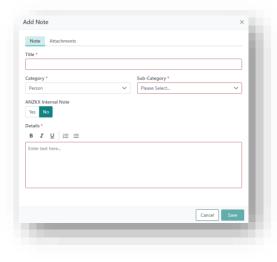


2. Click Add Note.

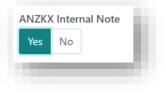




3. Add a Title, select a Sub-Category and add Details.



4. Select Yes for ANZKX Internal Note.

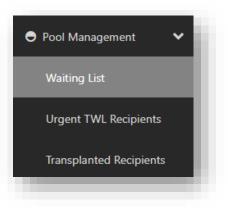


5. Click Save.



## 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.

Organ Program *		Transpl	ant Pathway		Transp	lant Hospita		0	inical Hospital			Provider			Status		Reset Filters
Kidney	~	KPD			✓ Al			~			~	All		~	All		~
480		Authori	isation Requi	red													
All	~	All			~												
ind Person																	
Results																	
Export Excel																	140 record/s found
				Recipient					-				Donor				
Last First Date of Name 11 Name 11 Birth 11			Transplant Hospital 11	Clinical Hospital 11	Date of Last Serum 11	Ready 11	Status 11	Authorisatio Required 11		First Name 11	Date of Birth 11	ABO 11	Transplant Hospital 11	Clinical Hospital 11	Ready 11	Status 11	Authorisation Required 11
	0		QPAR	QGRER	17/11/2023	~	Active	No				0	QPAR	QGRER	~	Active	No
	0		NRNS	ACBRR	07/11/2023	~	On Hold	No				в	NRNS	NRNS	~	On Hold	No
	0		VAUSR	VBENR	22/11/2023	~	On Hold	No				А	VAUSR	VAUSR	×	On Hold	No
	0		NZAUR	NZCHR	06/06/2023	~	Active	No				A	NZAUR	NZCHR	~	Active	No
					06/11/2023			No				0	WSIRR	WSIRR	~	Active	No

# DEFINITIONS

Term/abbreviation	Definition
ANZKX	Australian and New Zealand Paired Kidney Exchange Program
ATTC	ANZKX Tissue typing coordinator
KPD	Kidney Paired Donation
ОМ	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.
6	03/04/2024	<ul> <li>OrganMatch Sprint 51 updates:</li> <li>Updated match event outcomes with new notifications to the laboratory portal.</li> </ul>
7	27/05/2025	<ul> <li>OrganMatch Sprint 57 updates:         <ul> <li>ANZKX internal note section updated to include visibility for KPD National Lab Coordinator and Senior User roles</li> <li>Other:             <ul></ul></li></ul></li></ul>
8	Refer to footer	<ul> <li>OrganMatch Sprint 58 updates:</li> <li>Updating match event outcomes updated to include new process for TWL enrolment update with offered date entry.</li> </ul>

	<ul> <li>ANZKX internal note section updated to remove functionality for KPD National Lab Coordinator and Senior User roles to view note.</li> </ul>
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# ELECTRONIC SIGNATURE

Author	REBECCA SCAMMELL
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