

A deceased organ donor is worked up by the Donate Life agencies who enter clinical data into the Electronic Donor Record (EDR). The EDR is integrated with OrganMatch, and the donor is enrolled via the Donation Portal (DP).

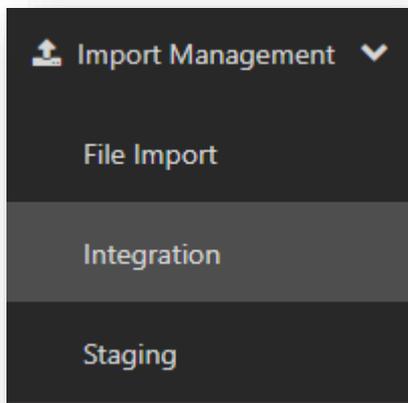
A minimum data set is required in the EDR for a transfer to occur to OrganMatch and the donor record and enrolment to be created.

Creation of the donor profile and donor enrolment in OrganMatch with the following set (minimum data set) of data being transferred to OrganMatch from the EDR:

- First Name, Last Name, Middle Name.
- Date of birth
- Donor ID
- Hospital
- Country
- Residential state.
- Hospital reference.

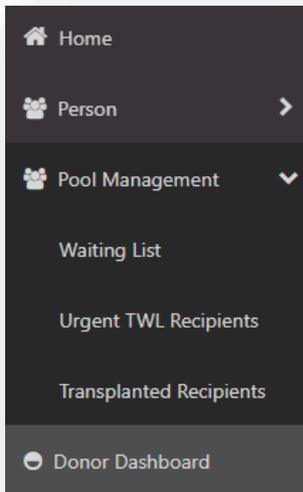
DECEASED DONOR ENROLMENT

Data transfers received from the EDR can be viewed as the **Import Type** EdrPerson in **Import management, Integration.**

A screenshot of a web form titled "Import history". It contains three input fields: "OM Laboratory" with a dropdown menu showing "All", "Import Type" with a dropdown menu showing "EdrPerson", and "Person Name" with an empty text box.

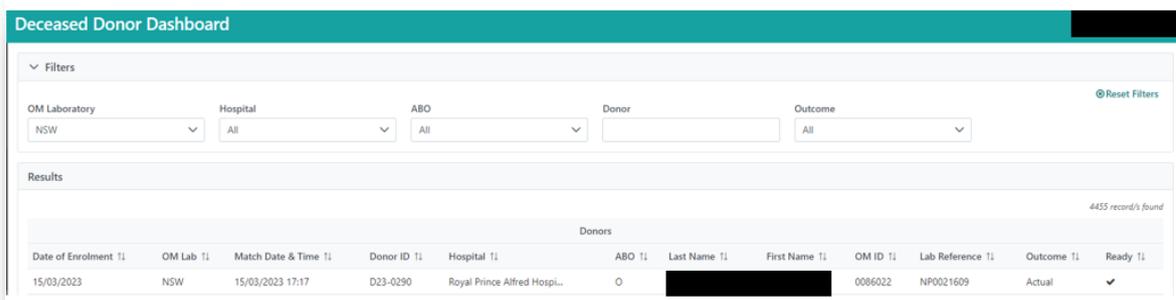
NEW DONOR RECORD

The donor will appear in the **Donor Dashboard** once the EDR transfer has occurred. The **Ready** column indicates whether the donor is ready for matching and clicking on the cross will open a pop up displaying the reasons the donor is not ready.



1. Find the Donor profile using Donor Dashboard. This will be viewable once the data is transferred from the EDR.

Do not add a Donor Enrolment to OrganMatch.



2. Click to expand **Demographic & contact details** and check the OM lab. The OM lab will be automatically created using the donor hospital location (see *Appendix 1*). If the hospital is on state borders the OM lab may need to be updated. First name, last name, Date of Birth and Ethnic Origin up transferred from the EDR.

Demographic & contact details

Main information

Last Name *	First Name *
[REDACTED]	[REDACTED]
Date of Birth *	Age
30/08/1952	70 years 6 months
Gender	
Male	
Ethnic Origin	Specific Ethnic Origin
Oceanian - Australian	

Contact information

OM Laboratory *

NSW

3. All medical information will be transferred from the EDR.

The following data can be viewed in Medical Information – Deceased Donor tab. This will include:

- Date of Death
- Cause of death
- Circumstance of death
- Donor pathway

Medical information

General Information Deceased Donor

Deceased Donor information

Donation Pathway	Referral Number	
Donation after Circulatory Death (DCD)	-	
Donor ID	Hospital	Hospital Reference
D23-0290	Royal Prince Alfred Hospital (NRPA)	2787599

Details of death

Date of Death

15/03/2023

EDR Cause of Death	EDR Circumstance of Death	Additional Details
[REDACTED]	[REDACTED]	[REDACTED]

- Click to expand **Program enrolments** and click on the **Deceased Donor** enrolment.

Program enrolments

Current History View Notes

Add Enrolment 1 records found

Role T1	Organ Program T1	Pathway T1	Waiting Time T1	Ready T1	Status T1
Deceased Donor	N/A	TWL	N/A	✓	N/A

All consented organs will be transferred to OrganMatch as available and updates to the status can be made by the Donate Life agencies through the DP. The organ status can be available or retrieved to link a transplant.

Enrolment

Enrolment information

Waiting Time	Date Enrolled
N/A	20/03/2023
Transplant Role *	Donor Type *
Donor	Deceased
Organ Program *	
N/A	
Pathway	
TWL	
Unacceptable Antigen List	
N/A	

Organs

Organs	Status
Liver	Available
Kidney	Available

EXISTING PERSON RECORD

If a person has an existing record in OrganMatch a duplicate record will be created via the EDR integration transfer. This record is archived and the existing person record is updated with the new donor data.

- Search the **Donor Dashboard** for the donor record created via the EDR interface.

Deceased Donor Dashboard

Filters

OM Laboratory: NSW Hospital: All ABO: All Donor: Outcome: All Reset Filters

Results 455 records found

Donors											
Date of Enrolment T1	OM Lab T1	Match Date & Time T1	Donor ID T1	Hospital T1	ABO T1	Last Name T1	First Name T1	OM ID T1	Lab Reference T1	Outcome T1	Ready T1
15/03/2023	NSW	15/03/2023 17:17	D23-0290	Royal Prince Alfred Hospi...	O			0086022	NP0021609	Actual	✓

- Remove the Donor ID from **Medical information**. Email OrganMatch support to archive the record.

Medical information

General Information Deceased Donor

Deceased Donor information

Donation Pathway

-

Donor ID

D23-0318

- Search for the existing person record. End the current enrolments and remove the Provider and Hospital links.

Current History

Add Enrolment

Role ↑↓	Organ Program ↑↓	Pathway ↑↓
Recipient	Kidney	TWL

Hospital links

Current History

Add Hospital Link

Hospital ↑↓

Royal North Shore Hospital - Renal Unit (NRNSR)

Gosford Hospital - Renal Unit (NGOSR)

Provider links

Current History

Add Provider Link

Provider ↑↓

[REDACTED]

RNS Renal Co-ordinators

[REDACTED]

4. Add the Deceased donor enrolment but don't add any organs (they will be added via the EDR interface).

The screenshot shows a form titled "Enrolment" with the following sections and data:

- Enrolment information**
 - Waiting Time: N/A
 - Date Enrolled: 21/03/2023
 - Transplant Role *: Donor
 - Donor Type *: Deceased
 - Organ Program *: N/A
 - Pathway: TWL
 - Unacceptable Antigen List: N/A
- Organs**
 - Organs: (empty)
 - Status: (empty)

At the bottom of the Organs section, it states "No records found".

5. Add the Donor ID in Medical information.

The screenshot shows a form titled "Medical information" with two tabs: "General Information" and "Deceased Donor". The "Deceased Donor" tab is active. The form contains the following fields:

- Deceased Donor information**
 - Donation Pathway: A dropdown menu with "Please Select..." and a downward arrow.
 - Donor ID: An empty text input field.

6. Request Donate Life agencies to transfer the data form the EDR.

ABO RESULTS

The Donate Life agencies upload an ABO report through the Donation Portal in the **Notes & attachments** section of the donor record. The report can be used to enter the result in the Laboratory Portal.

1. Click to expand **Samples & tests results** and select the **Blood group** tab.

The screenshot shows a web interface with a dropdown menu titled 'Samples & test results'. Below the dropdown is a horizontal navigation bar with several tabs: 'Samples', 'HLA antibody screen results', 'Antibody consolidation', 'HLA typing results', 'Non-HLA antibody results', 'Crossmatch', 'Blood group' (which is highlighted in teal), and 'Extended acceptance criteria'. Below the tabs, there are three columns of data: 'ABO' with the value 'Unknown', 'Rhesus' with the value 'Unknown', and 'ABO Subtype' with the value 'N/A'.

2. Click **Edit**, add the ABO and Rhesus result and click **Save**.

This screenshot shows the same interface as the previous one, but with edit functionality. The 'ABO' field has buttons for 'O', 'A', 'B', 'AB', and 'Unknown', with 'O' selected. The 'Rhesus' field has buttons for 'Pos', 'Neg', and 'Unknown', with 'Pos' selected. The 'ABO Subtype' field is a dropdown menu with 'N/A' selected. There are 'View Notes' checkboxes and a 'Pinned results (0)' dropdown in the top right. At the bottom right, there are 'Cancel' and 'Save' buttons.

3. A second user need to authorise the result. Click **Edit** and click **Confirm ABO**.

The screenshot shows a dialog box titled 'Confirm ABO'. At the top, there is a search icon and the text 'Confirm ABO'. Below that, there is an 'ABO' label with an information icon. Underneath, there are five buttons: 'O', 'A', 'B', 'AB', and 'Unknown'. The 'O' button is highlighted in teal.

AUTHORISE MATCH KDRI AND KDPI IN ORGANMATCH

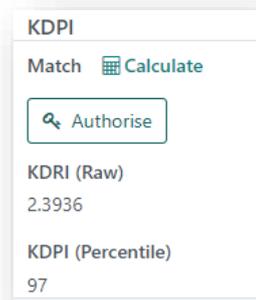
The Kidney Donor Profile Index (KDPI) is a numerical measure that combines nine donor factors specific to each deceased kidney donor, including clinical parameters and demographics, to express the quality of donor kidneys relative to other donor kidneys. The KDPI calculation is based on recent kidney survival figures, supplied by ANZDATA and the correlation with the parameters in the KDPI.

All data for the calculation of the match KDPI and KDRI will be received through the EDR interface. Data will be continuously updated through the interface. Prior to matching data, the KDPI and KDRI needs to be authorised to stop these match data fields being updated in OrganMatch.

1. Search for the donor in the **Donor Dashboard**.

2. Click to expand **Program enrolments** and click on the **Deceased Donor** enrolment.

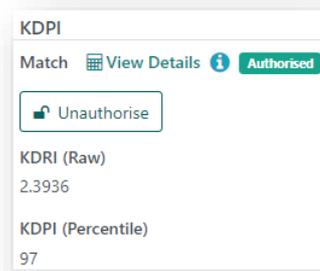
3. Click **Edit**, scroll down to the **KDPI Match** section and click **Authorise**. If the KDPI is not calculating, refer to [Troubleshooting](#).



Note: If the KDPI is not authorised the following message will appear in the transplant waiting list matching screen:

“The KDPI for this deceased donor has not been authorised. Please check before proceeding to matching”.

4. If notified by the Donate Life agencies prior to matching, that changes have been made to any data fields that contribute to the KDPI calculation:
 - unauthorise the match KDPI – the data will be retransmitted.
 - repeat Steps 2 and 3 to re-authorise the result.



KDPI VALUES UPDATED AFTER TWL MATCH RUN

If the Donate Life agencies indicate the KDPI values have changes, then recalculation of KDPI may be required. If the TWL match has been run then perform the following:

If Match Event Assessments...	Then...
have not been performed	calculate the Match KDPI and KDRI as per Authorise match kdri and kdpi in organmatch and proceed to re-matching.
have been performed	<ul style="list-style-type: none"> continue using the existing TWL match as the values will be populated in the Audit KDPI and KDRI instead. add a note to the donor record that the updated KDPI values were provided after matching.

AUDIT KDRI AND KDPI IN ORGANMATCH

Once match KDPI is authorised, all further updates of these datafields will be populated in **Audit** KDPI. Nothing further needs to be done with this data.

TROUBLESHOOTING

CALCULATE MATCH KDRI AND KDPI IN ORGANMATCH

The manual process described below is only used if the EDR OrganMatch Integration is not working.

1. Review the Match KDPI Form to ensure provided demographics are correct. Clarify any discrepancies with the Donate Life agency before commencing KDPI calculation.

2. Search for the donor in the **Donor Dashboard**.

3. Click to expand the **Medical information** tab and click **Edit**.

- In the **General Information** tab enter **Height** and **Weight** as provided on Match KDPI form. Click **Save**.

Medical information

General Information Deceased Donor

Height & Weight

Height (cms) Weight (kg)

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- Click to expand the **Program enrolments** and click on the **Deceased Donor** enrolment.

Program enrolments View Notes

Current History

Add Enrolment 1 record's found

Role T1	Organ Program T1	Pathway T1	Waiting Time T1	Ready T1	Status T1
Deceased Donor	N/A	TWL	N/A	✓	N/A

- Click **Edit**, scroll down to the **KDPI Match** section and click **Calculate**.

KDPI

Match Calculate

KDRI (Raw)

-

KDPI (Percentile)

-

7. Enter the donor details from Section 1 of the Match KDPI Form into the available fields on the Calculate Match KDPI screen. Click **Calculate**.

8. A second user must authorise the data. Click **Edit** on the **Deceased donor** enrolment and click **Calculate**.

9. If all details are correct, click **Cancel** and click **Authorise**.

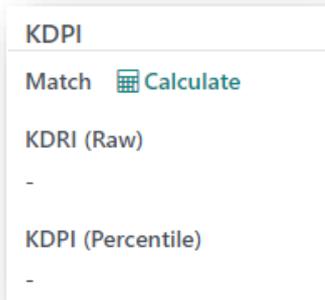


INTENDED DONATION PATHWAY NOT DETERMINED

The default setting for the data fields in the KDPI is not determined. If the Donate Life agency selects Not Determined in the EDR for the intended donation pathway, the EDR interface will not perform an automatic calculation of the KDPI. This is due to OrganMatch not being able to distinguish between data fields not being completed and the pathway being selected as Not Determined. In this scenario the **Intended donation pathway DCD** field needs to be updated in the Lab Portal.

UPDATE THE MATCH KDPI

1. Search for the donor in the **Donor Dashboard**.
2. Click to expand **Program enrolments** and click on the **Deceased Donor** enrolment.
3. Click **Edit**, scroll down to the **KDPI Match** section and click **Calculate**.



4. Select **Not Determined** for **Intended donation pathway DCD**. Click **Calculate** and click **Save**.

Age (Years)	KDRI (Raw)	KDPI (Percentile)
69	-	-

Height (cms) *	Weight (kg) *
150	45

Cause of death cerebral infarction or intracranial haemorrhage? *

Yes No Unknown

Diabetes? *

Yes No Unknown

History of treated hypertension? *

Yes No Unknown

Current Creatinine

Date and Time: 21/03/2023 15:39

Current Creatinine (µmol/L) *: 50

Renal replacement therapy in prior 24 hours? *

Yes No Unknown

Intended donation pathway DCD?

Yes No Not Determined

Comments

Cancel Calculate

- A second user must authorise the data. Click **Edit** on the **Deceased donor** enrolment and click **Authorise**.

KDPI

Match Calculate

Authorise

KDRI (Raw)
2.3936

KDPI (Percentile)
97

KDPI VALUES NOT PROVIDED

If KDPI values are unable to be provided then add a note to the donor record that *KDPI values were not provided at time of Kidney Allocation in OrganMatch, KDPI unable to be calculated*. Use Report Category - TWL Matching, select **Include in Notes section of Reports** as **Yes** and select **OOL** from the Report dropdown.

Add Note

Note Attachments

Title *

KDPI not provided

Category Person Sub-Category * TWL Matching

Include in Notes section of Reports Yes No

Internal Note Yes No

Report OOL

Include in Match Event Yes No

Details *

B **I** **U**

KDPI values were not provided at time of Kidney Allocation in OrganMatch, KDPI unable to be calculated.

Cancel Save

APPENDIX 1: MAPPING RULES FOR HOSPITAL

Donor Hospital State	OrganMatch Lab
ACT	NSW
NT	SA
NSW	NSW
QLD	QLD
SA	SA
TAS	VIC
VIC	VIC
WA	WA

DEFINITIONS

Term/abbreviation	Definition
ABO	ABO blood group system
ANZDATA	Australia and New Zealand Dialysis and Transplant Registry
Audit KDPI	KDPI value calculated post donation
DP	Donation Portal
EDR	Electronic Donor Record – External software where Donor information is collected and stored
KDPI	Kidney Donor Profile Index
KDRI	Kidney Donor Risk Index
Match KDPI	KDPI value calculated at the time of kidney allocation
OM	OrganMatch

CHANGE HISTORY

Version number	Effective date	Summary of change
1	27/05/2022	New process for enrolling a donor in the OrganMatch donation portal.
2	15/06/2022	Section 1.2 added to include the process for an existing person in OrganMatch becoming a deceased donor.
3	23/08/2022	Merger of OM-SOP-014 KDPI
4	18/10/2022	Update for OrganMatch sprint 37: <ul style="list-style-type: none"> Section 1.1 updated to remove TWL program menu name and include organs listed as available or retrieved to be linked for transplant. Section 1.2 updated to clarify data added via the EDR interface.
5	13/12/2022	Update for OrganMatch sprint 39: <ul style="list-style-type: none"> Before you begin and section 1.1 and 1.2 updated EDR ID to Donor ID Section 1.1 ready column added to donor dashboard

6	Refer to footer	<p>Change to new template.</p> <p>Update to include process of KDPI transfer when pathway is not determined</p>
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ELECTRONIC SIGNATURE

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