

ORGANMATCH TRANSPLANT WAITING LIST (TWL) MATCH HISTORY – TRANSPLANTATION PORTAL

Every time OrganMatch generates a potential match between a recipient and donor via the high level compatibility check, a match event is created, even for pairings that were not compatible. This means you can always check for a recipient or donor who they were compared with, and the result of the comparison.

The Match history pane shows all the match events for an individual. The sort order is by Event Date (that is the date and time matching was last completed for the organ program and transplant pathway).

The default **Algorithm Assessment** is set to **Yes**, thus displaying donors that passed through to matching. The table displays the Donor ID, Offer Status and Rank (if the recipient is on the Kidney program). If the Published Status is Published, the match event can be viewed by clicking on the row.




Date & time	Parent Algorithm	Child Algorithm	Match	Score	Rank
20/02/2023 12:38	Kidney Standard v2	High Level Compatibility Check	N/A	-	-
20/02/2023 12:38	Kidney Standard v2	-	N/A	-	-
20/02/2023 12:38	Kidney Standard v2	National Algorithm	Yes	87,001,022	2

Algorithm criteria	Result	Details
Centre Credit Difference	!	Donor State OM Lab Credit = -3, Recipient State OM Lab Credit = -4, Centre Credit Difference = 1
HLA Mismatches Identified	!	A*24, B*35
KDPI acceptable range	✓	Recipient Acceptable KDPI Range = (1 - 100), Donor KDPI = 76%
Matched to Algorithm	!	Added 87,000,000 to score
Minimum score reached	✓	-
No matches for National Level 1	!	No matches for National Level 1
Recipient Centre Credit	!	Added 996 to score
Recipient Wait Time	!	Added 25 to score
Valid ABO for National Level 1	✓	-
Valid ABO for National Level 2	✓	-

If the **Algorithm Assessment** is **No** the match history pane will display the donors where the patient has been excluded for matching, usually due to blood group incompatibility or unacceptable antigens. Further details of the match can be viewed by clicking on the green arrow

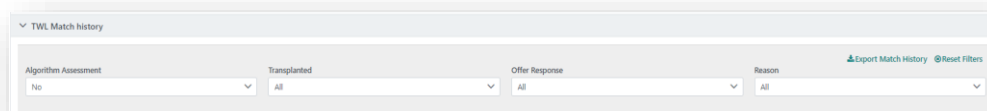
23/02/2023 12:29	0085813	D23-0205	No	No	N/A	N/A	N/A	N/A	-	Unpublished
Date & time	Parent Algorithm	Child Algorithm						Match	Score	Rank
23/02/2023 12:29	Lung Algorithm v1	High Level Compatibility Check						No	-	-
Algorithm criteria		Result				Details				
Allelic differences could not be determined		!				DRB4				
Allelic Differences Identified		!				A*02, A*11, B*07, B*40:01, C*03:04, C*07, DRB1*13, DRB1*15, DQB1*06, DQA1*01, DRB3*03, DRB3*01				
Donor Height is not within Recipient Acceptable Height Range		✖				Donor Height (cm): 184, Recipient Acceptable Height Range (cm): From 138 to 180				
Invalid ABO for program		✖				Recipient: O(N/A), Donor: A(A1)				
Matched As OM Lab		!				VIC				
No Potential UA Identified		✓				-				
No UA Identified		✓				-				

The Result column displays the following symbols:

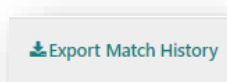
Result	Description
	Information for the algorithm criteria is listed and proceeds to matching
	No- algorithm criteria not met and doesn't proceed to matching
	Yes- algorithm criteria met and proceeds to matching

EXPORT A MATCH HISTORY EXTRACT INTO AN EXCEL SPREADSHEET WITH DEFINED PARAMETERS

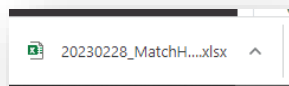
1. Select the filters for **Algorithm Assessment**, **Transplanted**, **Offer Response** or **Reason** as required



2. Click **Export Match History** and an excel spreadsheet will be generated for both published and unpublished match events



3. Access the spreadsheet by clicking on the download at the bottom left of the screen



The excel spreadsheet contains the following columns:

Column	Description
Organ Program	The organ patient is required for transplant
Pathway	The transplant pathway ie TWL, LDD or KPD
Event Date	The date matching was completed
OM Lab	OrganMatch lab location of the donor
Date of Birth	Date of birth of the donor
OM ID	Unique OrganMatch identifier of the donor
Donor ID	Unique donor identifier generated by the Electronic Donor Record
Offer Status	Based on the Histocompatibility assessment of patient and donor assigned by the laboratory
Offer Response	Populated if an offered organ was accepted or declined as reported by Donate Life
Reason	Populated in an offered organ was declined as reported by Donate Life
Transplanted	Yes or No depending on whether the recipient was transplanted from the listed
Algorithm Assessment	Whether the recipient proceeding to matching with the donor or was excluded
Parent Algorithm	Overarching algorithm
Child Algorithm	A series of algorithms triggered by running the parent algorithm
Rank	Order on the Organ Offer List based on the score against the donor
Score	Value assigned in the algorithm based on factors in matching and compatibility with the donor
Result	Lists whether the criteria in the child algorithm was met, not met or not
Algorithm Criteria	Lists the criteria that were met for the recipient to be matched with the donor or the criteria that were not met when the recipient was excluded
Algorithm Results	Lists whether the data in the algorithm criteria column was checked, passed or an issue was flagged.
Algorithm Details	Lists the data that was checked or flagged as an issue in the algorithm results

DEFINITIONS

Term/abbreviation	Definition
OM	OrganMatch
TWL	Transplant waiting list

CHANGE HISTORY

Version number	Effective date	Summary of change
1	Refer to footer	First version of document

ELECTRONIC SIGNATURE

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