



OrganMatch Strategic Governance Committee Communique No. 2 – 29 September 2021

OrganMatch is a world class clinical system that facilitates compatibility matching of donors and recipients for organ transplantation in Australia. The OrganMatch Strategic Governance Committee (OMSGC) was formed in November 2019 and meets quarterly to provide clinical governance and oversight of OrganMatch to deliver clinical best practice for optimal patient outcomes.

Membership updates since the last meeting:

President of the Australian and New Zealand Society of Nephrology (ANZSN) - <i>revised</i>	Prof David Johnson
President of the Transplant Nurses Association (TNA) - <i>new</i>	Ms Libby John
Consumer representative - <i>new</i>	Ms Kelli Owen
Representative of the Australasian Transplant Coordinators Association - <i>new</i>	Mr Luke Datson
DonateLife Donation Specialist Coordinator - <i>new</i>	Ms Andree Gould

Meeting highlights:

- The OrganMatch National Manager (Narelle Watson) provided an update on Transplantation Portal usage which has increased from 77% in June 2021 to 85% of units accessing the portal in September 2021. Continual improvements to OrganMatch are being delivered through agile monthly sprint development cycles.
- The Committee noted an overview of the last quarter's monthly sprint releases and an update on improvements delivered in the Transplantation Portal since the last meeting in June 2021. These included:
 - Ability for transplant units to view their patient Living Donor Match History (including living direct donation and paired kidney exchange).
 - Ability for transplant units to reply to a laboratory note on a Match Event.
 - Updates to Pool Management for Kidney/Pancreas, Kidney and Lung programs.
 - Updates to data fields for Kidney/Pancreas, Kidney and Lung programs.
- The Committee noted the OrganMatch Enhancement Project progress report and endorsed Implementation Plans for phase 1 for both the Transplantation and Donation Portals. Key highlights included:
 - Phase 1 system development is nearing completion for both portals.
 - Delivery of new data fields for enrolment and management of Lung, Kidney and Kidney/Pancreas waiting lists, as well the Australian and New Zealand Paired Kidney Exchange Program (ANZKX).
 - Units can view match events for their patients in the Transplantation Portal, once published by laboratory.
 - The ANZKX will implement the registration functionality in November following training in October 2021.
 - First phase delivery of the interface between OrganMatch and the Electronic Donor Record (EDR) is well underway and will occur in November 2021. Pilot implementation of this phase is being planned to commence in February 2022 with the NSW Organ and Tissue Donation Service (DonateLife) and the NSW Transplantation and Immunogenetics Laboratory. This will include automatic creation of a donor profile in OrganMatch via a push of data from the EDR with the data required for matching, and KDPI calculation.
 - The NSW pilot will inform national implementation which is anticipated from March 2022.
- On behalf of the Chair of the Transplantation Society of Australia and New Zealand Renal Transplant Advisory Committee, the OTA National Manager, Data and Analytics (Mark McDonald) presented data on kidney allocation since the [revised algorithm](#) was implemented on 4 May 2021. Data shows that the algorithm is functioning in line with its intent with several highly sensitised patients receiving a transplant since the change.

- Mark McDonald provided an overview of an Intergovernmental Agreement on data sharing between Commonwealth, State and Territory governments, which was agreed at National Cabinet in July 2021. The agreement aims to enable sharing of data across jurisdictions as a default position, where it can be done securely, safely, lawfully and ethically.
- The Data Availability and Transparency Bill 2020 is currently being developed and will be reintroduced to Parliament. This legislation is anticipated to provide a framework for public sector data custodians to share data with accredited users in accordance with specific authorisations, principles, and purposes.
- The National Manager of Transplantation and Immunogenetic Services (Rhonda Holdsworth) provided a status update on the transition to [virtual cross match \(VXM\)](#) which is occurring in phases.
- From 18 October 2021, OrganMatch will generate an initial Organ Offer List with a Donor-specific antibody (DSA) assessment and without complement-dependent cytotoxicity (CDC) crossmatch results. A final Organ Offer List will also be issued when CDC crossmatch results are available.

Phase 1	Phase 2	Phase 3
<p>Now</p> <ul style="list-style-type: none"> ▶ All transplant waitlist patients listed in OrganMatch. ▶ Frequency of HLA antibody screening (Luminex) increases from one to four times a year (and after any sensitising events). ▶ Clinical transplant units work with tissue typing laboratories to identify antigens for exclusion for sensitised patients and list in OrganMatch. ▶ Donation offers will be made based on these exclusions in phase 2. 	<p>Phase 2a – October 2021</p> <ul style="list-style-type: none"> ▶ At the time of a deceased donor offer, an early OOL list w/o CDC results will be generated using DSA assessment. ▶ CDC crossmatching will still be done and an updated OOL generated later – this will allow for a faster turnaround of suitability results than is currently experienced. <hr/> <p>Phase 2b – January 2022</p> <ul style="list-style-type: none"> ▶ For kidney and pancreas patients – CDC crossmatching will be limited to sensitised recipients only. ▶ All heart and lung transplant recipients will continue to have a CDC. ▶ Retrospective flow crossmatches (FXM) can be performed if required. 	<p>From July 2022</p> <ul style="list-style-type: none"> ▶ VXM processes will be introduced for all transplant recipients. ▶ A small number of prospective FXM may be performed in identified sensitised recipients. ▶ Retrospective FXM will be performed if the recipient is sensitised.

- It was noted that OrganMatch has been a positive catalyst in the establishment and integration of national committees across the donation, laboratory, and transplantation sectors. These forums have enabled a nationally, consistent approach and alignment in testing, assessment, and reporting.



Professor Toby Coates
Chair of OMSGC



Lucinda Barry
Deputy Chair of OMSGC