



OrganMatch Strategic Governance Committee Communique No. 1 – 23 June 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 by the Australian Government’s Organ and Tissue Authority (OTA) to provide governance and oversight of the OrganMatch system. The OMSGC meets quarterly and has resolved to commence circulating communiques to the sector summarising key messages and decisions after each meeting.

Membership comprises:

| | |
|--|------------------------|
| Senior clinician with transplantation and/ or donation expertise (Chair) | Prof Toby Coates |
| Senior Executive Member, OTA (Deputy Chair) | Ms Lucinda Barry |
| President of Transplantation Society of Australia and New Zealand (TSANZ) | A/Prof Helen Pilmore |
| National Manager of OrganMatch | Ms Narelle Watson |
| National tissue typing representative | Ms Rhonda Holdsworth |
| Chair, TSANZ Renal Transplant Advisory Committee | A/Prof Kate Wyburn |
| Chair, TSANZ Lung Advisory Committee | Prof Greg Snell |
| Chair, TSANZ Cardiac Advisory Committee | Mr Robert Larbalestier |
| Chair, TSANZ Liver Advisory Committee Chair | Prof Robert Jones |
| Clinical Director, Australian and New Zealand Paired Kidney Exchange Program | A/Prof Peter Hughes |
| National Medical Director, OTA | A/Prof Helen Opdam |
| Representative of the Australian and New Zealand Dialysis and Transplant Registry (ANZDATA) | Ms Kylie Hurst |
| Representative of the Australian and New Zealand Society of Nephrology (ANZSN) | Prof Neil Boudville |
| Representative of the Transplant Nurses Association (TNA) | New to be appointed |
| Consumer representative | New to be appointed |
| Subject Matter Experts (on request of Chair / Deputy Chair): | |
| <ul style="list-style-type: none"> • TSANZ Paediatric representative | Dr Joshua Kausman |
| <ul style="list-style-type: none"> • TSANZ Pancreas/ Islets representative | A/Prof David Goodman |
| <ul style="list-style-type: none"> • Additional kidney representative and Virtual Crossmatch lead | A/Prof Ross Francis |
| DonateLife State Medical Director | New to be appointed |
| DonateLife Donation Specialist Coordinator | New to be appointed |

Meeting highlights:

- The OrganMatch National Manager (Narelle Watson) provided an overview of the last quarter’s monthly sprint releases and the improvements delivered in the Transplantation Portal since the last meeting in March 2021. These included:
 - Ability to view Match Events and Transplant Events
 - Improved display and data for unacceptable antigens
 - Ability to view more data in Medical Information
 - Ability to add min/max acceptable donor height range for Lung Enrolment
 - Ability to enter in the patient’s acceptable min/max KDPI for Kidney Enrolment.

- The Committee noted an update on the OrganMatch Enhancement workplan to be supported by both communication and implementation plans to support the project. An overview of the two-phased project deliverables was given:
 - Phase 1 enhancements are underway and will include:
 - Expansion of the Transplantation Portal to enable Transplant units to enroll and maintain their own patients clinical care information through enhanced data fields within the portal; and
 - Facilitating the secure interface and exchange of information from the Electronic Donor Record (EDR).
- A summary of project deliverables across the portals and phases is provided below:

| | OrganMatch Transplantation Portal | OrganMatch Donation Portal | EDR Interface with OrganMatch |
|----------------|--|---|--|
| Phase 1 | Renal Patient Enrolments | View of Donor Enrolment | Development of the minimal data set for EDR interface with OrganMatch for Donor Enrolment and KDPI calculation |
| | Non-Renal Patient Enrolments | | |
| | ANZKX Program Enrolments | Filtered Recipient by Donor Criteria | |
| | Filtered Recipient by Donor Criteria | View of Renal Ranked Organ Allocation List (OAL) – National & Donor Jurisdiction | |
| | View of Renal Ranked Organ Allocation List (OAL) by Transplant Unit | | |
| | View of Non-Renal Matched Recipient List by Transplant Unit | View of Non-Renal Matched Recipient List | |
| Phase 2 | View of Non-Renal recipient list using Organ Specific donor matching parameters eg: urgency, size, ABO | Automated Donor Enrolment includes EDR Data transfer | Complete donor chart data set and any required attachments to be included with EDR interface with OrganMatch |
| | View of EDR Donor Chart with ability to tailor information by Organ Program | View of Non-Renal recipient list using Organ Specific donor matching parameters including urgent/rotation – National & Donor Jurisdiction | |
| | Enhanced sharing of de-identified medical files | | |
| | Streamlining Organ Offer Process | | |
| | Real-time Organ Acceptance & Outcome | | |
| | Real-time Serious Adverse Event Notification | | |

- Progress has continued with enhancement of the Transplantation portal and development of the Donation portal:
 - Organ specific workshops were held in March and May with transplant clinicians to identify the enrolment and data fields required for waitlisting patients for each organ in the Transplantation portal.
 - The OMSGC Chair wrote to each TSANZ Organ Advisory Committee seeking their support to consult and provide endorsement of the data fields. Finalisation of these fields is required in July 2021 so that any organ specific modifications can be made before delivery of the system functionality by Datacom in September 2021.
 - Consultation with DonatLife subject matter experts has commenced to obtain their input in the development and implementation of the Donation portal.
- The OMSGC Chair will write to each Transplant Unit to seek nominees to act as key contacts for communications associated with the education and planning for implementation of new OrganMatch functionality.

- A new OrganMatch enhancement newsletter is being prepared to outline the expansion project and will be circulated and available on the [OrganMatch website](#).
- Members discussed the OrganMatch Business Continuity Plan and agreed the importance of having a robust plan in place, which should include trialling and auditing contingency plans in labs.
- The TSANZ Renal Transplant Advisory Committee Chair, A/Prof Kate Wyburn, provided a status update on the [new kidney allocation algorithm](#) which was implemented in OrganMatch on 4 May 2021. The main aims of the revised algorithm are to improve access to transplant for highly sensitised patients, improve utility of donor organs and improve accessibility for HLA matching for younger patients and homozygous recipients. Regular data is being collated and reviewed with the TSANZ Renal Allocation Working Group to closely monitor the effect of the new algorithm with a formal two-month assessment to take place in July.
- The National Manager of Transplantation and Immunogenetic Services, Ms Rhonda Holdsworth, provided a status update on the implementation of Virtual Crossmatching (VXM) and provided the second [VXM communique](#).
- The OMSCG discussed the importance of data governance and reiterated that OrganMatch data requests need to be made through the committee and in accordance with the OrganMatch Data Governance Framework.



Professor Toby Coates
Chair of OMSCG



Ms Lucinda Barry
Deputy Chair of OMSCG