

# OrganMatch

A life-changing link

**21 February 2019**

The Commonwealth, in collaboration with the Australian Red Cross Blood Service undertook a significant project to replace the ageing National Organ Matching System (NOMS) with a bespoke organ matching system. OrganMatch is being delivered utilising state-of-the-art technology.

On 2<sup>nd</sup> April 2019 the system will go live and deliver the current functionality as delivered in NOMS.

Unlike NOMS, which operates with five state based laboratory applications, OrganMatch is a national system. OrganMatch provides the platform for our transplantation sector to determine the most appropriate match of solid organs for transplant patients. OrganMatch will improve reporting on waitlisting as well as the organ offer, allocation and acceptance process for transplantation. OrganMatch will support all existing programs including the deceased organ donor program, living donor kidney transplants, and the Australian Paired Kidney Exchange Program.

OrganMatch will provide increased transparency for our clinicians and transplant coordinators by enabling direct access to waitlist and patient information through a web-based portal. From go live the system will deliver the current functionality as delivered in NOMS. From a user perspective the reports will be more user-friendly and contain additional patient clinical information including donor specific antibodies (DSA), human leukocyte antigen (HLA) mismatches etc.

The architecture and infrastructure of OrganMatch has the capacity to deliver enhanced functionality through the addition of two key system enhancements; the OrganMatch Clinical Portal including Transplant Unit/clinician self-service reporting and an OrganMatch Simulation Module. These enhancements will deliver enhanced reporting of waitlist information, access to your own unit and patient data and a streamlined channel for communication and sharing of information.

Post Go Live Transplant Units will be involved in next steps to optimise this functionality and to deliver the OrganMatch expanded functionality.

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There are a number of key dates and requirements for all Transplant Unit (TU) over the coming months. To ensure that all Transplant Units have been engaged and are ready for OrganMatch Alissa Murphy from the Melbourne TIS office will be requesting an OrganMatch contact officer to manage this process.

## Key Dates

From Today	OrganMatch Readiness
Week commencing 4 March 2019	Preview Organ Allocation List (OAL) and Transplant Wait List (TWL)
7 & 8 March 2019	Dress Rehearsal 1 (Internal)
Week commencing 18 March 2019	Dress Rehearsal 2 (Including Transplant Units)
1 April 2019	Cut Over begins
2 April 2019	Go Live

## Transplant Unit activity Requirements

### OrganMatch Readiness Starting today

All TUs are asked to undertake a detailed review of the NOMS Transplant Waiting List to ensure all patient status is correct.

As the labs will not be preparing new kidney crossmatch trays in April during OrganMatch go live, they will need to make a double set of trays at the start of March.

Patients who are likely to be made active in March or April need to be included in the March crossmatch trays. The labs will also need to have a current serum sample and preferably ABO blood group report from any patients who will be made active available in the laboratory.

Only patients with serum included on the March trays will be eligible for matching until the new trays are prepared post go-live in May.

This applies to patients that have previously been active and are currently temporarily off the waitlist or interim, as well as patients that are yet to be activated on the list.

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## **TWL and OAL Report Preview**

All TUs will be provided with an OrganMatch example of an organ allocation list / TWL using dummy data

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## **Dress Rehearsal 1** 7 & 8 March 2019

Internal dress rehearsal with OrganMatch Project team only involvement

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## **Dress Rehearsal 2** 19 March 2019

All TUs will be required to reconcile an OrganMatch TWL to the current NOMS TWL as at 18 March 2019.

Each TU OrganMatch contact officer will be required to verify the TWL back to the OrganMatch project team within an hour of receipt

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## **Cut Over Begins** 1 April 2019

All TUs will be required to reconcile an OrganMatch TWL to the current NOMS TWL as at 1 April 2019.

Minor NOMS outage occurs from 2000-2030hrs to allow for database snapshot (NOMS will be completely unavailable during this time. From 2030hrs, NOMS will resume business as usual)

NOMS data is migrated to OrganMatch staging ready for Go Live

Each TU OrganMatch contact officer will be required to verify the TWL back to the OrganMatch project team within an hour of receipt

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## **Go Live** 2 April 2019

TSANZ will be notified that OrganMatch cut over testing has been complete and acknowledgment of this has been provided from all TUs

OrganMatch Project team will switch NOMS to read only mode and OrganMatch will Go Live

TSANZ will update website with OrganMatch Go Live announcement

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