

# MASTERING TRANSPLANT: FOR THE NON-TRANSPLANT PHARMACIST

## Program

*This seminar will be delivered by a combination of pre-recorded sessions as well as 3 live virtual sessions.*

### Pre-seminar preparation

Title	Learning objectives
<p><b>Overview of transplant medications</b></p> <p><b>Michelle Nalder</b>, Senior Renal Pharmacist and Deputy Director of Pharmacy, Royal Melbourne Hospital, Melbourne, Vic</p>	<ul style="list-style-type: none"> <li>Identify the classes of medicines used in solid organ transplant patients</li> <li>Describe the mechanism of action of these medications</li> <li>Explain factors for consideration in use of these medicines</li> <li>Explain potential medication dosing issues associated with each of these medicines</li> </ul>
<p><b>Overview of infection prophylaxis in solid organ transplant patients</b></p> <p><b>Dr Peter Boan</b>, Transplant Infectious Diseases Physician, Fiona Stanley Hospital, Perth, WA</p>	<ul style="list-style-type: none"> <li>Identify infections screened for ahead of solid organ transplant</li> <li>Identify medicines used and their specific indications in infection prophylaxis following solid organ transplant</li> <li>Describe the dosing regimens of each medicine</li> <li>Explain factors for consideration in the use and dosage of these medicines</li> <li>Describe common drug interactions, their significance and management, arising from use of these medicines and dosing regimen</li> </ul>
<p><b>Strategies to improve medication compliance and education in solid organ transplant patients</b></p> <p><b>Hanh Tran</b>, Senior Pharmacist (Renal); Team Leader, Clinical Pharmacy Service – Specialty Medicine 1&amp;2 Program, Royal Adelaide Hospital, SA Pharmacy, SA Health, Adelaide, SA</p>	<ul style="list-style-type: none"> <li>Describe the patient engagement process ahead of solid organ transplantation occurring</li> <li>Outline strategies used to enhance patient and/or carer medication understanding (including indications, regimen management)</li> <li>Describe supply and access considerations for solid organ transplant medicines</li> <li>Explain the communication and management of dose adjustments</li> <li>Identify supports available to assist patients and/or carers in the management of and compliance with their medications</li> </ul>
<p><b>Common drug interactions seen in transplant patients</b></p> <p><b>Jess Lloyd</b>, Senior Pharmacist, Team Leader Renal and Transplant, Princess Alexandra Hospital, Metro South Health, Brisbane, Qld</p>	<ul style="list-style-type: none"> <li>Identify common drug interactions occurring in solid organ transplant patients</li> <li>Identify potential medication dosing issues in solid organ transplant patients</li> <li>Describe the significance and management of commonly seen drug interactions</li> </ul>

### Post-seminar materials

<p><b>Immunosuppression strategies in renal transplantation</b></p> <p><b>Associate Professor Robert Carroll</b>, Transplant Nephrologist, Royal Adelaide Hospital, Adelaide, SA</p>	<ul style="list-style-type: none"> <li>Understand immune risk assessment in transplant</li> <li>Generalised immunosuppression drug level monitoring</li> <li>Understanding the limitation of AUC or CO monitoring</li> <li>Common pitfalls and problems</li> <li>Understanding the interaction of immune risk and whether drug adherence has an impact on graft outcomes</li> </ul>
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## Program: Live Virtual Sessions

*All times listed are in AEST*

Each session will focus on a specific organ and is led by specialist transplant pharmacist. Each session will comprise of presentations by both a medical or nurse practitioner and a specialist transplant pharmacist. Knowledge-check questions are available after each session to cement learnings.

### Session 1: Mastering heart transplant

**Tuesday 31 May 2022; 7:30PM – 9:00PM AEST**

Time (AEST)	Session
1915-1930	Online login available
	<b>Led By:</b> <b>Tim Chang</b> , A/Cardiovascular and Respiratory Team Lead Pharmacist, Fiona Stanley Hospital, Perth, WA
1930-2000	<b>Overview of heart transplant</b> <b>Dr Felicity Lee</b> , Cardiology Consultant for the Advanced Heart Failure & Cardiac Transplant team, Fiona Stanley Hospital, Perth, WA
2000-2100	<b>Medication management in heart transplant patients</b> <b>Tim Chang</b>
2100	Close of live virtual session 1

### Session 2: Mastering liver transplant

**Tuesday 14 June 2022; 7:30PM – 9:00PM AEST**

Time (AEST)	Session
1915-1930	Online login available
	<b>Led By:</b> <b>Matthew Pegoli</b> , Pharmacy Surgical Team Leader; Senior Pharmacist, Liver Transplant, Hepatology & HepBil Surgery, Flinders Medical Centre, SA Pharmacy, SA Health, Adelaide, SA
1930-2000	<b>Overview of liver transplantation</b> <b>Libby John</b> , Liver Transplant Coordinator SA Liver Transplant Unit, Flinders Medical Centre, National President Transplant Nurses' Association, Adelaide, SA
2000 -2100	<b>Medication management in liver transplant patients</b> <b>Matthew Pegoli</b>
2100	Close of live virtual session 2

### Session 3: Mastering kidney transplant

**Tuesday 21 June 2022; 7:30PM – 9:00PM AEST**

Time (AEST)	Session
1915-1930	Online login available
1930-2100	<b>Led By:</b> <b>Hanh Tran</b> , Senior Pharmacist (Renal); Team Leader, Clinical Pharmacy Service – Specialty Medicine 1&2 Program, Royal Adelaide Hospital, SA Pharmacy, SA Health, Adelaide, SA
1930-2000	<b>Overview of kidney transplantation</b> <b>Hanh Tran</b>
2000-2100	<b>Medication management in kidney transplant patients</b> <b>Hanh Tran</b>
2100	Close of live virtual session 3

**Please note: presentation recordings from the live virtual sessions will not be available.**