

Extension Seminar in Kidney Disease and Transplantation

Program

Self-paced learning package: available from Friday 14 February 2025

The self-paced learning package materials must be completed prior to attending the live virtual seminar. Knowledge gained from topics below within self-paced learning package will be directly used in case sessions on the day.

Topic & Presenter	Learning Objectives
<p>Auto-immune kidney diseases: a focus on vasculitis</p> <p>Carla Scuderi, Assistant Director of Pharmacy, Clinical, Royal Brisbane and Women's Hospital, Brisbane, Qld</p>	<ul style="list-style-type: none"> Outline the classification / nomenclature of vasculitis Describe kidney involvement and systemic features of ANCA vasculitis Outline induction therapy of vasculitis. Outline the maintenance and relapse therapies of vasculitis
<p>Transplantation and it's common infections</p> <p>Jess Lloyd, Senior Pharmacist, Team Leader Renal and Transplant, Princess Alexandra Hospital, Brisbane, Qld</p>	<ul style="list-style-type: none"> Outline common infections post kidney transplant Describe common infections and their treatment post kidney transplant Explain therapeutic drug monitoring required in transplant patients with an infection Explain the pharmacist role in managing infections and medication safety in patients post kidney transplant
<p>Insight into the renal pharmacist role in an outpatient multidisciplinary service</p> <p>Hanh Tran, Senior Pharmacist - Renal; Team Leader, CALHN Clinical Pharmacy, Royal Adelaide Hospital, Adelaide, SA</p>	<ul style="list-style-type: none"> Describe the renal pharmacist role in an outpatient, multidisciplinary team setting Explain how a pharmacist can impact patient care in this setting Describe patient challenges in the journey to commencing dialysis Identify how the skill set of renal outpatient pharmacists can be applied to other outpatient clinical pharmacy areas
<p>Kidney transplantation: Balancing graft survival and complications</p> <p>Dr Matthew Tunbridge, Research Associate, Duke University; PhD student, Adelaide University; Staff Specialist (Nephrology), Princess Alexandra Hospital, Brisbane, Qld</p>	<ul style="list-style-type: none"> Describe immunological risk stratification in kidney transplantation. Outline the decision-making process and treatment targets used to individualise immunosuppression regimes Explain how to assess kidney function in early phase post kidney transplant Describe risk factors of graft failure Discuss strategies for balancing graft survival and transplant related complications

	<ul style="list-style-type: none"> • Explain the pharmacist role in patient care immediately post kidney transplantation
<p>Pharmacogenomics and its application in renal pharmacy</p> <p>Sharon Ho, <i>Senior Clinical Pharmacist, Fiona Stanley Hospital, Perth WA</i></p>	<ul style="list-style-type: none"> • Describe how genetic factors influence individual responses to medications. • Explain how pharmacogenomics can be applied in clinical pharmacy practice • Outline the role and impact of a pharmacist in a pharmacogenomics clinic on patient care outcomes • Identify future directions and use of pharmacogenomics in clinical practice
<p>Peritonitis case presentation</p> <p>Monique Borlace, <i>Nephrology Nurse Practitioner, Royal Adelaide Hospital, Adelaide, SA</i></p>	<ul style="list-style-type: none"> • Explain the pathogenesis, risk factors and prognosis of peritonitis • Identify clinical features of peritonitis • Outline the diagnosis and assessment of peritonitis, including common laboratory investigations • Describe peritonitis treatment and monitoring guidelines • Outline management challenges in the inpatient and outpatient setting • Describe the pharmacist role in peritonitis management
<p>Women's Health and CKD: Potential complications in pregnancy</p> <p>Associate Professor Shilpa Jesudason, <i>Staff Specialist Nephrologist, Central Adelaide and Northern Adelaide Renal and Transplantation Service (CNARTS), Royal Adelaide Hospital, SA Health, Adelaide, SA; Chair, CNARTS Clinical Research Group, School of Medicine, University of Adelaide, Adelaide, SA, Clinical Director, Kidney Health Australia, Adelaide, SA</i></p>	<ul style="list-style-type: none"> • Explain how physiological changes in pregnancy and CKD can impact each other and present management challenges • Overview renal replacement therapy options during pregnancy • Determine medication management options to support pregnant women with CKD • Identify patient education strategies for managing CKD during pregnancy
<p>Nutrition in CKD for pharmacist: what pharmacists need to know</p> <p>Anthony Mead, <i>Advanced Renal Dietitian, CNARTS, Royal Adelaide Hospital, Adelaide, SA</i></p>	<ul style="list-style-type: none"> • Evaluate current evidence for nutrition management in CKD patients, including dietary restrictions and liberalisation • Describe the role of intra-dialytic parental nutrition in clinical practice • Explain nutritional management strategies for CKD patients with obesity, including current evidence, emerging approaches and challenges associated with implementation

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Live virtual seminar: All times are listed in **AEDT**

Saturday 29 March 2025

Time (AEDT)	Session
0920-0930	Online login available
0930-0940	Welcome, introduction, housekeeping Hanh Tran , Senior Pharmacist – Renal; Team Leader, CALHN Clinical Pharmacy, Royal Adelaide Hospital, Adelaide, SA
0940-0950	Case study session introduction
0950-1050	Case session 1: Transplant troubleshooting: alternative treatments in unexpected circumstances Case lead: Hanh Tran , Senior Pharmacist – Renal; Team Leader, CALHN Clinical Pharmacy, Royal Adelaide Hospital, Adelaide, SA
1050 - 1100	Break
1100-1200	Case session 2: Transplant and its common infections Case lead: Jess Lloyd , Team Leader Pharmacist, Renal and Transplantation, Princess Alexandra Hospital, Brisbane, Qld
1200-1230	Break
1230-1330	Case session 3: The management of vasculitis and common complications Case lead: Carla Scuderi , Assistant Director of Pharmacy Clinical, Royal Brisbane and Women's Hospital, Brisbane, Qld
1330-1430	Case session 4: Problem solving in haemodialysis Case lead: Claudia Jahnigen , Pharmacist, Princess Alexandra Hospital, Brisbane, Qld
1430-1440	Summary, close and final Q&A opportunity
1440	Close of live virtual seminar

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