

## Extension Seminar: Cardiac Critical Care

### Preliminary Program

**Self-paced learning package:** available from Friday 4 July 2025

Presentation & presenter	Learning objectives
<p><b>Overview of Cardiac Physiology</b></p> <p><b>Dr Justin Rheese</b>, <i>Intensivist, Monash Health, Victorian Heart Hospital and Monash Medical Centre, Melbourne, Vic</i></p>	<ul style="list-style-type: none"> <li>Classify the aetiology and causes of acute heart failure/cardiogenic shock</li> <li>Describe the pharmacology of common treatment therapeutics for acute heart failure/cardiogenic shock + their roles</li> <li>Explain the monitoring parameters for acute heart failure patients and the effects of commonly used pharmacological agents may have on these</li> </ul>
<p><b>Acute Critical Cardiac Conditions</b></p> <p><b>Dr Simon Tan</b>, <i>Intensive Care Fellow Flinders Medical Centre, Adelaide, SA</i></p>	<ul style="list-style-type: none"> <li>Describe the aetiology of acute cardiac conditions such as cardiomyopathies such as takotsubo, myocarditis and pericarditis</li> <li>Explain the role of pharmacological therapies in the treatment of acute cardiac conditions in the critically ill</li> <li>Identify the role of advanced non-pharmacological therapies in the treatment of acute cardiac conditions in the critically ill</li> </ul>
<p><b>Managing the Transition from acute to chronic cardiac failure</b></p> <p><b>Cassie Potts</b>, <i>Senior Clinical Pharmacist, SA Pharmacy, Royal Adelaide Hospital, Adelaide, SA</i></p>	<ul style="list-style-type: none"> <li>Explain the 'pillars' of chronic cardiac failure therapy and goal directed therapy based upon up to date evidence and the importance of them</li> <li>Identify clinical barriers to the commencement of these therapies in the critically ill</li> <li>Describe the role of the ICU pharmacist plays in the commencement of these agents</li> </ul>
<p><b>Pulmonary Arterial Hypertension</b></p> <p><b>Cameron Livingstone</b>, <i>Lead Pharmacist – Intensive Care, Austin Hospital, Melbourne, Vic</i></p>	<ul style="list-style-type: none"> <li>Summarise the pathophysiology of acute pulmonary arterial hypertension and its impact in the critically ill</li> <li>Describe the common pharmacological treatments for acute pulmonary arterial hypertension</li> <li>Identify which pharmacological agents are used in the long term management of acute pulmonary arterial hypertension and considerations for their use in the critically ill patient</li> </ul>

## Extension Seminar: Cardiac Critical Care

### Preliminary Program

**Live virtual seminar:** Saturday 16 August 2025

*All times are listed in AEST. The below may be subject to change*

Time (AEST)	Session & presenter
0915-0930	Online login and registration available
0930-0940	<b>Welcome &amp; housekeeping</b> <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA <b>Namita Warrior</b> , Senior ICU Pharmacist – Quality, Safety & Improvement, Western Health, Melbourne, Vic
0940-1015	<b>Review of self-paced learning package content</b> <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA <b>Namita Warrior</b> , Senior ICU Pharmacist – Quality, Safety & Improvement, Western Health, Melbourne, Vic
1015-1115	<b>Presentation: The pharmacokinetic effects of ECMO</b> <b>Michele Cree</b> , Pharmacist Lead – Critical Care, Queensland Children's Hospital, Brisbane, Qld
1115-1130	Break
1130-1300	<b>Case session 1</b> Led by: <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA
1300-1330	Lunch break
1330-1500	<b>Case session 2</b> Led by: <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA
1500-1515	Break
1515-1645	<b>Case session 3</b> Led by: <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA
1645-1700	<b>Q&amp;A &amp; closing discussions</b> <b>Simon Potts</b> , Senior Pharmacist, Intensive Care Unit  Flinders Medical Centre, Adelaide, SA <b>Namita Warrior</b> , Senior ICU Pharmacist – Quality, Safety & Improvement, Western Health, Melbourne, Vic
1700	Seminar close

*Please note presentation recordings will not be available from the live day seminar.*