

## Preliminary program

**Self-paced learning package:** Available from Friday 2 August 2024

Topics & presenters	Learning objectives
<p><b>Paediatrics in the ED: resuscitation</b></p> <p><b>Dr Sarah Lee</b>, <i>Paediatric Emergency Consultant, Flinders Medical Centre Emergency Department, Adelaide, SA</i></p>	<ul style="list-style-type: none"> <li>• Explain the anatomical and physiological differences significant for managing paediatric patients.</li> <li>• Identify types of paediatric presentations that should be prepared for in an adult emergency department (ED)</li> <li>• Outline the limitations of managing paediatric patients in an adult ED</li> <li>• Describe the medication challenges in looking after a paediatric patient in an adult ED</li> <li>• Describe strategies for enhancing the safety of paediatric patients in an adult ED, including supporting appropriate prescribing, minimising medication errors and tailored education</li> </ul>
<p><b>Paediatrics resuscitation room tour</b></p> <p><b>Alicia Thomas</b>, <i>Senior Pharmacist - Emergency Department, SA Pharmacy - Flinders Medical Centre, Adelaide, SA</i></p>	
<p><b>Procedural sedation/nerve blocks</b></p> <p><b>Lisa Bremner</b>, <i>Advanced Training Resident Pharmacist - Emergency Medicine, Alfred Hospital, Melbourne, Vic</i></p>	<ul style="list-style-type: none"> <li>• Describe the agents used for procedural sedation and nerve blocks</li> <li>• Identify presentations where procedural sedation may be required</li> <li>• Compare the properties of different agents used in procedural sedation</li> <li>• Discuss the role of nerve blocks for pain management in the ED</li> <li>• Describe the pharmacology of local anaesthetics in relation to onset, duration and adverse effects</li> <li>• Describe local anaesthetic systemic toxicity (LAST) including risk factors, symptoms and management.</li> </ul>
<p><b>Hypertensive emergencies</b></p> <p><b>Sally Taylor</b>, <i>Advanced Pharmacist, The Prince Charles Hospital, Brisbane, Qld</i></p>	<ul style="list-style-type: none"> <li>• Define conditions across the spectrum of hypertension presentations seen in the ED – including chronic and acute presentations, hypertensive urgency and hypertensive emergency</li> <li>• Describe different strategies and targets in managing hypertension in the ED depending on patient factors</li> <li>• Outline medication options for specific hypertension presentations – including ischaemic and haemorrhagic stroke, aortic dissection and aneurysm</li> </ul>

<p><b>Thrombolysis</b></p> <p><b>Dr Cristina Roman, Lead Pharmacist</b> – Emergency and Trauma Centre, Alfred Health; Adjunct Senior Lecturer, School of Public Health &amp; Preventive Medicine, Monash University, Melbourne, Vic</p>	<ul style="list-style-type: none"> <li>• Describe the different scenarios thrombolysis is utilised and what agents are used. (e.g. Ischaemic stroke, STEMI, PE)</li> <li>• Explain how acute strokes are assessed and diagnosed in ED</li> <li>• Understand the management of acute ischaemic stroke in ED (including thrombolysis, BP management and endovascular intervention)</li> <li>• Discuss factors that can affect poor outcomes for patients with ischaemic stroke</li> <li>• Discuss why pharmacists, when incorporated in an acute care stroke response team, can improve patient outcomes and safety</li> </ul>
<p><b>Toxicology</b></p> <p><b>A/Professor Angela Chiew, Staff Specialist, Clinical Toxicology &amp; Emergency Medicine Prince of Wales Hospital; Clinical Toxicologist, NSW Poisons Information Centre; Conjoint Associate Professor Prince of Wales Hospital Clinical School, UNSW Medicine, Sydney, NSW</b></p>	<ul style="list-style-type: none"> <li>• Learn how to assess the toxicology patient.</li> <li>• Learn the important aspects of managing an overdose patient</li> <li>• Management of paracetamol overdose</li> <li>• Learn how to interpret a blood gas</li> <li>• Common acid base disturbances in the toxicology patient</li> </ul>

## Preliminary program

**Live seminar:** Saturday 14 September 2024

*All times listed are in AEST*

Time (AEST)	Session
0850-0900	Online login available
0900-0910	<b>Welcome, introduction, housekeeping</b>  <b>Lisa Bremner</b> , <i>Advanced Training Resident Pharmacist – Emergency Medicine, Alfred Hospital, Melbourne, Vic</i>
0910-1010	<b>Pharmacists in pre-hospital medicine</b>  <b>Elizabeth Doran</b> , <i>Medical Chest Service Manager &amp; Lead Pharmacist, Royal Flying Doctor Service (Queensland Section); Senior Clinical Pharmacist, Emergency &amp; Trauma Centre, Royal Brisbane &amp; Women’s Hospital, Brisbane, Qld</i>
1010-1110	<b>Case session: Paediatric resus scenario</b>  <b>Led by: Dr Sarah Lee</b> , <i>Paediatric Emergency Consultant, Flinders Medical Centre Emergency Department, Adelaide, SA</i>
1110-1125	Break
1125-1255	<b>Thrombolysis</b>  <b>Dr Jorge Zavala</b> , <i>Stroke Consultant (Neurologist), Alfred Hospital, Melbourne, Vic</i>
1255-1325	<b>Case session: Hypertension in the ED</b>  <b>Led by: Sally Taylor</b> , <i>Pharmacist – Advanced, The Prince Charles Hospital, Brisbane, Qld</i>
1325-1345	Lunch Break
1345-1445	<b>Toxicology</b>  <b>Dr Angela Chiew</b> , <i>Staff Specialist, Clinical Toxicology &amp; Emergency Medicine Prince of Wales Hospital; Clinical Toxicologist, NSW Poisons Information Centre; Conjoint Associate Professor Prince of Wales Hospital Clinical School, UNSW Medicine, Sydney, NSW</i>
1445 - 1455	Break

1455-1625	<p>Rapid fire sessions:</p> <ul style="list-style-type: none"> <li>• Pharmacists in sepsis</li> <li>• Opioid stewardship</li> <li>• Expanded scope of practice in ED</li> <li>• What's new in the literature</li> </ul>
1625-1645	Open Q&A
1645	Close of live virtual seminar

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