

EXTENSION SEMINAR IN SURGERY AND PERIOPERATIVE MEDICINE

Extension Seminar in Surgery and Perioperative Medicine

Preliminary program

Self-paced learning package

Available from April 2022

Presentation title	Learning objectives
<p><u>Preadmission clinic pharmacist services</u></p> <p>A/Prof Andrew Hale, Assistant Director, Clinical Services, Royal Brisbane and Women's Hospital</p>	<ul style="list-style-type: none"> Describe the scope of practice of a preadmission pharmacist Describe the preadmission pharmacist approach to patients in the perioperative setting. Outline key elements in preparing a business case to establish a pre-admission pharmacist service Explain challenges associated with having a business case accepted
<p><u>Theatre pharmacist services</u></p> <p>Janelle Penno, Perioperative Pharmacist, Peter MacCallum Cancer Centre</p>	<ul style="list-style-type: none"> Describe and scope of practice of a theatre pharmacist Outline some of the quality and safety projects undertaken by theatre pharmacists Outline key elements in preparing a business case to establish a theatre pharmacist service
<p><u>Overview of anaesthesia</u></p> <p>A/Prof David Sturgess, Eminent Specialist and Clinical Director of Anaesthesia, Surgical Treatment and Rehabilitation Service (STARS), Brisbane</p>	<ul style="list-style-type: none"> Explore different approaches to anaesthesia Outline how the type of anaesthesia is chosen Describe medications used for anaesthesia Explain risk factors for and management of post-operative delirium
<p><u>VTE prophylaxis</u></p> <p>Hadley Bortz, Senior Pharmacist-Anticoagulation Stewardship, Alfred Health</p>	<ul style="list-style-type: none"> Formulate evidence-based recommendations about appropriate VTE prophylaxis Outline when to use different medications for VTE prophylaxis Explain the indications and duration of use for these medications Explain the role of extended VTE prophylaxis Identify groups of surgical patients requiring extended VTE prophylaxis Describe the types and indications for use of mechanical prophylaxis Explain considerations for dosing VTE prophylaxis in obese surgical patients Explain the management of Jehovah's witness patients undergoing surgery
<p><u>Antimicrobials</u></p> <p>Dr Courtney Ierano, Infectious Diseases Advanced Training Resident Pharmacist, Alfred Health</p>	<ul style="list-style-type: none"> Describe how antimicrobial stewardship principles are applied in the perioperative setting Explain the rationale for and appropriate use of antibiotic prophylaxis in the perioperative setting Describe the role of antibiotic allergy testing in the perioperative period Outline how antibiotic allergies impact on the choice of antibiotic prophylaxis in the perioperative setting

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	<ul style="list-style-type: none"> • Explain how previous infections impact on the choice of antibiotic prophylaxis in the perioperative setting • Explain considerations for antimicrobial dosing in obese patients during surgery
<p><u>Intraoperative anaphylaxis</u></p> <p>Peter Casey, Staff Specialist Anaesthetist, Royal Brisbane and Women's Hospital</p>	<ul style="list-style-type: none"> • Describe the causes, challenges and management of intraoperative anaphylaxis • Describe the requirement and process of an Australian and New Zealand Anaesthetic Allergy Group (ANZAAG referral) • Outline the role of skin testing for anaesthetic allergies, how it is done and interpretation of results
<p><u>Pain management</u></p> <p>A/Prof Paul Gray Director, Tess Cramond Pain and Research Centre, Royal Brisbane and Women's Hospital</p> <p>Thuy Bui, Lead Pharmacist- Analgesic Stewardship (AGS) & Perioperative Services, Alfred Health, Vic</p>	<ul style="list-style-type: none"> • Describe different neuraxial strategies used to manage post-operative pain including blocks, epidurals and intrathecal • Explain medications used in neuraxial pain interventions • Explain the management of opioids in an opioid dependent person who is undergoing surgery • Outline key elements of an analgesic stewardship program
<p><u>Bariatric and general surgery</u></p> <p>Dr Kevin Chan Oesophagogastric & Bariatric Surgeon, Department of General Surgery, Royal Brisbane & Women's Hospital</p>	<ul style="list-style-type: none"> • Describe common bariatric and some complex gastrointestinal surgeries (e.g. Whipple's, Hartmann's, oesophagectomy, gastrectomy, ostomy) • Identify common perioperative complications • Outline the associated impact of these on perioperative medication management
<p><u>Nutrition: bariatric and general surgery</u></p> <p>Emma Osland, Advanced Dietitian, Royal Brisbane and Women's Hospital</p>	<ul style="list-style-type: none"> • Explain the different types of nutrition given to surgical patients • Explain the role of total parenteral nutrition (TPN) in surgical patients • Describe the components of TPN and when they may be altered for specific surgical patient groups • Explain the role of enteral nutrition in surgical patients • Discuss essential monitoring tests for patients while on TPN, EN and/or nutritional supplements • Explain the role of preoperative carbohydrate loading for surgery
<p><u>Medication considerations for patients with altered GI</u></p> <p>Patricia Gleeson, Surgical Ward Pharmacists Team Lead, Royal Brisbane Women's Hospital</p>	<ul style="list-style-type: none"> • Describe the pharmacist role in managing patients on total parenteral nutrition • Describe considerations for medication management in patients who are nil by mouth or with an alternated gastrointestinal tract • Describe considerations for medication management in patients with a stoma or enteral feeding tube

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All times listed are in AEST

Saturday 7 May 2022

Time (AEST)	Session
0920-0930	Online login available
0930-0940	Welcome, introduction, housekeeping
0940-1010	Review of self-paced learning package content with open Q&A Led by Abby Yu , Pharmacist Team Leader (Surgery), Royal Brisbane Hospital, Brisbane, QLD and Caitlin Mulqueen , Senior Clinical Pharmacist - Perioperative Services, Alfred Health, Melbourne, Vic
1010-1015	Case session introduction
1015-1055	Case session 1, Part 1 Led by Caitlin Mulqueen , Senior Clinical Pharmacist - Perioperative Services, Alfred Health, Melbourne, Vic Tutors: Abby Yu, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1055-1105	Break
1105-1145	Case session 1, Part 2 Led by Caitlin Mulqueen , Senior Clinical Pharmacist - Perioperative Services, Alfred Health, Melbourne, Vic Tutors: Abby Yu, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1145-1225	Case session 1, Part 3 Led by Caitlin Mulqueen , Senior Clinical Pharmacist - Perioperative Services, Alfred Health, Melbourne, Vic Tutors: Abby Yu, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1225-1255	Break
1255-1425	Case session 2 Led by Galahad Gu , Associate Program Director of Pharmacy, Clinical Services Eastern Health, Vic Tutors: Abby Yu, Caitlin Mulqueen, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1425-1435	Break
1435-1515	Case session 3 Led By Abby Yu , Senior Pharmacist, Royal Brisbane Hospital, Brisbane, QLD Tutors: Caitlin Mulqueen, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1515-1605	Case session 3- Complex case Led By Abby Yu , Senior Pharmacist, Royal Brisbane Hospital, Brisbane, QLD Tutors: Caitlin Mulqueen, Courtney Fallon, Eloise Glover, Rosemarie Kairuz
1605-1630	Summary and close
1630	Close of live virtual seminar

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