

EXTENSION SEMINAR IN SURGERY AND PERIOPERATIVE MEDICINE

Extension Seminar in Surgery and Perioperative Medicine

Program

Self-paced learning package: Available from 12 April 2024

Presentation title	Learning objectives
Preadmission clinic pharmacist services	<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
Theatre pharmacist services	<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
Overview of anaesthesia	<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
VTE prophylaxis	<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
Antimicrobials	<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 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
Intraoperative anaphylaxis	<ul style="list-style-type: none"> Describe the causes, challenges and management of intraoperative anaphylaxis

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	<ul style="list-style-type: none"> • 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
Pain management	<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
Bariatric and general surgery	<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
Nutrition: bariatric and general surgery	<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
Medication considerations for patients with altered GI	<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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Live virtual seminar: Saturday 25 May 2024

All times listed are in AEST

Time (AEST)	Session
0920-0930	Online login available
0930-0940	<p>Welcome, introduction, housekeeping</p> <p>Jessica Eglington, Pharmacist Team Leader - Surgical and Procedural Services, Surgical Treatment and Rehabilitation Service, Brisbane, Qld</p> <p>Lauren Hunt, Lead Pharmacist - Surgical Services, Alfred Health, Melbourne, Vic</p>
0940-1010	<p>Review of self-paced learning package content with open Q&A</p> <p>Lauren Hunt, Lead Pharmacist - Surgical Services, Alfred Health, Melbourne, Vic</p>
1010-1055	<p>Case session 1, Part A: Spinal</p> <p>Led by: Abby Yu, Pharmacist Team Leader – Surgery, Royal Brisbane & Women's Hospital, Brisbane, Qld</p>
1055-1105	Break
1105-1145	<p>Case session 1, Part B: Paravertebral</p> <p>Led by: Abby Yu, Pharmacist Team Leader – Surgery, Royal Brisbane & Women's Hospital, Brisbane, Qld</p>
1145-1225	<p>Case session 1, Part C: Epidural</p> <p>Led by: Abby Yu, Pharmacist Team Leader – Surgery, Royal Brisbane & Women's Hospital, Brisbane, Qld</p>
1225-1255	Break
1255-1325	<p>Case session 2, Part A: Preadmission Clinic</p> <p>Led by: Jessica Eglington, Pharmacist Team Leader - Surgical and Procedural Services, Surgical Treatment and Rehabilitation Service, Brisbane, Qld</p>
1325-1355	<p>Case session 2, Part B: Venous thromboembolism prophylaxis</p> <p>Led by: Jessica Eglington, Pharmacist Team Leader - Surgical and Procedural Services, Surgical Treatment and Rehabilitation Service, Brisbane, Qld</p>
1355-1425	<p>Case session 2, Part C: Surgical antimicrobial prophylaxis</p> <p>Led by: Jessica Eglington, Pharmacist Team Leader - Surgical and Procedural Services, Surgical Treatment and Rehabilitation Service, Brisbane, Qld</p>

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1425-1435	Break
1435-1515	Case session 3, Part A: Nutrition and altered gastrointestinal absorption Led by: Lauren Hunt , <i>Lead Pharmacist - Surgical Services, Alfred Health, Melbourne, Vic</i>
1515-1605	Case session 3, Part B: The surgical journey – a complex case Led by: Lauren Hunt , <i>Lead Pharmacist - Surgical Services, Alfred Health, Melbourne, Vic</i>
1605-1630	Open Q&A Jesseca Eglington , <i>Pharmacist Team Leader - Surgical and Procedural Services, Surgical Treatment and Rehabilitation Service, Brisbane, Qld</i>
1630	Seminar close

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