

DISCLOSURE In relation to this presentation, I declare the following, real or perceived conflicts of interest: shpacpd

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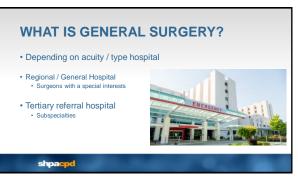
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PHARMACIST COMPETENCY **STANDARDS** Pharmacist competency standards* addressed include: • 3.1.2 • The performance criteria should include ability to compile medication management plan shpacpd

LEARNING OBJECTIVES • Common reasons why people see a general surgeon • Describe the management of common surgical conditions and common procedure performed by general surgeons • Describe a general surgeon's approach to a patient requiring general surgery, in the peri-operative setting. shpacpd

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WHAT IS GENERAL SURGERY? · Surgical speciality that focuses on the abdominal cavity and its contents. Includes subspecialities Breast and Endocrine Surgery Hepatobiliary Surgery (Liver / Pancreas / Biliary System) Upper Gastrointestinal Surgery Colorectal Surgery Transplant Surgery Trauma Surgery Soft Tissue / Melanoma shpacpd 5



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COMMON REASONS WHY PEOPLE SEE A GENERAL SURGEON Emergency • Inflammatory / Infectious pathologies Hernias Bowel pathology Perforated viscus
 Bleeding
 Neoplastic conditions • Trauma shpacpd

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DESCRIBE THE MANAGEMENT OF COMMON SURGICAL CONDITIONS Appendicitis Gall bladder pathology Diverticular disease Pancreatitis Hernias shpacpd

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APPENDICECTOMY

- · Laparoscopically majority of the time
- 3x surgical ports
- · Suction purulent fluid
- · Divide mesoappendix

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· Secure the base of the appendix



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GALL BLADDER PATHOLOGY Gall Bladder Pear-shaped organ • Bile helps breakdown dietary fats

Gallstones · Too much cholesterol • Too much bilirubin

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GALL BLADDER PATHOLOGY

Complications of gallstones

- · Biliary colic
- · Cholecystitis acute or chronic
- · Gallbladder mucocele / empyema
- · Obstructive jaundice
- Cholangitis
- Pancreatitis

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GALL BLADDER PATHOLOGY

Symptoms

RUQ pain / Epigastric pain

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- · Radiating to the back / right shoulder
- · Nausea / vomiting
- · Systemic symptoms

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GALL BLADDER PATHOLOGY

Management

- IVABs
- Imaging USS / CT
- May settle with non-operative management or require cholecystectomy

Post-op

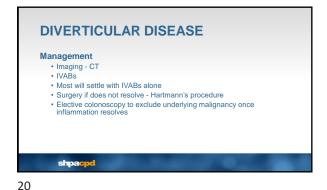
- Usually well and able to be discharged within 24 hours
- · May develop intolerance to fatty foods

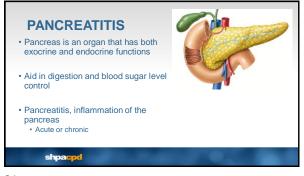
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CHOLECYSTECTOMY · Laparoscopically majority of the time 4x surgical ports · Divide adhesions to the gallbladder · Dissect of cystic duct and cystic artery • Perform cholangiogram - exclude ductal pathology • Secure cystic duct and artery with clips • Remove gallbladder shpacpd

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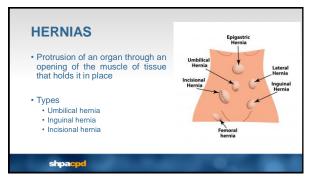














HERNIA Management • Manual reduction of the hernia • Imaging to confirm diagnosis / contents · Surgery if irreducible Repair of hernia Bowel resection shpacpd

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HERNIA REPAIR · Laparoscopic or open, depending on location / size · Divide attachments to surrounding tissue • Reduce the peritoneal sac and its contents Close the defect Primarily · Mesh repair shpacpd

ENDOSCOPY AND COLONOSCOPY • Examination of the GI tract with the use of an endoscope • Diagnostic and therapeutic Upper endoscopy Colonoscopy shpacpd

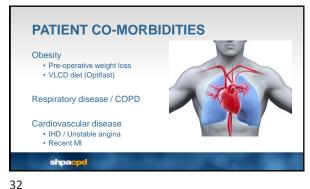
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DISEASE FACTORS • Patient's symptoms • Pre-operative investigations to confirm diagnosis • Expected progression over time · Impact on quality of life · Risk of surgery · Risk vs Benefit Patient wishes shpacpd

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PATIENT CO-MORBIDITIES

Diabetes

First case on a morning list

Avoid prolonged fasting

Strict glycaemic control

Management of oral hypoglycaemics

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PATIENT MEDICATIONS

Anticoagulation

• Thromboembolic risk vs haemorrhage risk

• CHADS2 scores

• Consider type of procedure

• Consider indication

• Clotting disorder - Factor V Leiden

• Atrial Fibrillation

• Heart valve replacement, Cardiac stenting

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PATIENT MEDICATIONS

Novel oral anticoagulants (NOAC)

Dabigatran - Pradaxa
Rivaroxiban - Xeralto
Apixiban - Eliquis

Cease 24-48 hours pre-op
Longer if renal failure

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