



## SAJS CPD QUESTIONS

- Please submit online before 31 March 2027 -

### Complicated Amyand's hernia

1. In a patient with an amyand hernia and intraoperative findings reveal an inflamed appendix with intrabdominal sepsis, what is the most appropriate management?

- Mesh hernioplasty
- Appendectomy via hernia with tissue based hernia repair
- Appendectomy via laparotomy with tissue based hernia repair
- Appendectomy via laparotomy and management of other intra-abdominal disease

### The performance of fine needle aspiration cytology (FNAC) compared to histology in the preoperative diagnosis of thyroid cancer: a single centre study

2. With regards to the performance of FNAC in the diagnosis of thyroid cancer, what did the study demonstrate?

- FNAC diagnosed thyroid cancer with 100% certainty.
- FNAC excluded thyroid cancer with 100% certainty.
- FNAC detected follicular thyroid cancer the most.
- FNAC detected bigger thyroid cancer nodules the most.

### Outcomes of emergency abdominal surgery in an upper-middle income country urban health care system

3. With regards to quality improvement studies on emergency abdominal surgery in the developed world, which of the following have NOT been associated with improved outcomes?

- Early initiation of antimicrobials were indicated.
- Improvements in post-operative ICU and HCU care
- Trainee-led after-hours emergency services
- Goal directed resuscitation
- Tumour located in the body or tail of pancreas

### Challenging diagnosis of median arcuate ligament syndrome in the absence of weight loss: a case report

4. Which duplex ultrasonography finding is most suggestive of haemodynamically significant median arcuate ligament syndrome (MALS)?

- Peak systolic velocity (PSV) of less than 150 cm/s in the celiac artery during inspiration
- Constant PSV values regardless of respiratory phase
- Peak systolic velocity exceeding 200 cm/s at the origin of the celiac artery with further increase during expiration
- Reduced flow in the superior mesenteric artery with normal celiac artery velocities

### Follicular thyroid carcinoma in South Africa: Insights from 103 cases

5. In this multi-institutional South African study of follicular thyroid carcinoma (FTC), what was the most common initial surgical procedure performed?

- Total thyroidectomy
- Thyroid lobectomy
- Subtotal thyroidectomy
- Total thyroidectomy with routine neck dissection

### Management and outcomes of penetrating duodenal injuries: a retrospective cohort study at Groote Schuur Hospital trauma centre

6. Regarding duodenal injuries, which of the following is a recognised risk factor for postoperative duodenal fistula formation?

- Associated pancreatic injury
- Early primary repair within 6 hours of injury in a haemodynamically stable patient
- Isolated Grade I duodenal haematoma
- Nasogastric decompression postoperatively

### New hope for scar revision with a modified skin culture technique: a case report

7. Which one of the following accurately describes the sequence and technique for skin culture and scar revision used in the patient?

- Skin biopsy, skin culture, scar excision after three weeks, skin culture transplant
- Skin biopsy, skin culture, scar excision after two weeks, skin culture transplant
- Biopsy, skin culture, scar excision after four weeks, skin culture transplant
- Skin biopsy, skin culture, scar excision after one week, skin transplant

### Cumulative incidence and management of enterocutaneous fistulas owing to laparotomy for penetrating abdominal trauma: a single centre experience

8. Intestinal fistula following penetrating abdominal trauma is most strongly associated with which of the following factors?

- Early primary repair of the bowel within 6 hours of injury
- Extensive bowel resection with tension-free anastomosis in a stable patient
- Ongoing intra-abdominal sepsis
- Use of prophylactic antibiotics for 24 hours

### The spectrum of thyroid disease requiring surgery: a single centre experience in South Africa

9. Regarding tumour size and malignancy in solitary thyroid nodules, what did the study demonstrate?

- Larger nodules (> 4 cm) were significantly more likely to be malignant.
- Malignant nodules were significantly smaller than benign nodules.
- There was no significant difference in size between adenomas and carcinomas.
- Malignancy was only found in nodules larger than 6 cm.

### Twelve tips for setting up a national registry in South Africa: Principles and practice

10. Which of the following was identified as a key principle for improving clinician participation in a national surgical registry in South Africa?

- Designing the registry to integrate into routine clinical workflows and reduce duplication
- Making registry participation mandatory through national legislation
- Housing the registry within a single academic institution to ensure data control
- Prioritising large, comprehensive datasets to maximise research output

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