



SAJS CPD QUESTIONS

- Please submit online before 31 March 2026 -

Superior mesenteric artery syndrome in an adolescent male

1. With respect to the surgical treatment of superior mesenteric artery syndrome, which of the following options is considered the gold standard?

- Laparoscopic duodenojejunostomy
- Lysis of ligament of Treitz
- Open gastrojejunostomy
- Laparoscopic Roux-en-Y gastric bypass

Epidemiology of vascular injury in trauma-ICU patients over a decade – the KZN experience

2. Regarding the epidemiology of vascular injury, which mechanism is common in the developing countries as compared to developed countries?

- Iatrogenic vascular injuries
- Blunt vascular injuries
- Penetrating vascular injuries
- Combined- blunt and penetrating vascular injuries

Urinary pH of > 6 as a prognosticator of acute kidney injury in crush syndrome

3. Which marker has been validated as a prognostic tool for acute kidney injury in crush syndrome secondary to sjambok injury?

- Creatinine Kinase
- Serum urea
- Serum venous bicarbonate
- Urine pH

Extremity fasciotomy in the developing world setting – a South African experience

4. With regards to subsequent fasciotomy in snakebite injuries and acute compartment syndrome (ACS), which of the following is the most accurate statement?

- Majority of snakebites and snakebite related fasciotomy are of the lower limb
- Ultrasound assessment of intra-compartmental pressures of the muscle compartments is required to make the diagnosis of ACS
- Majority of snakebites and snakebite related fasciotomy are of the upper limb
- ACS is easily diagnosed post snake bite injury due to cytotoxic envenomation

A single centre audit of genetic testing in early-onset breast cancer

5. With respect to genetic testing in early onset breast cancer, which statement most accurately describes the benefit of testing to breast cancer patients and/or their family members?

- Genetic testing will allow family members of breast cancer patients to know if they, themselves, will be diagnosed with breast cancer.
- Genetic testing will inform patients of their children's future breast cancer status.
- Genetic testing will inform patients' own medical decisions, family planning, and risk reduction treatment.
- Genetic testing will allow patients and their health care providers to know the type of cancer with which the patient has been diagnosed.

Gastro-colic fistula – a rare iatrogenic complication of Nissen fundoplication

6. Regarding gastro-colic fistula, which investigation has the highest sensitivity to identify the fistula?

- Endoscopy
- Barium enema
- Contrasted abdominal computed tomography
- Ultrasonography

Peptic ulcer disease-related gastric outlet obstruction – does surgery still play a role?

7. Which of the following interventions is considered the first-line management for gastric outlet obstruction from peptic ulcer disease?

- Bypass gastrojejunostomy
- Placement of a fully covered self-expanding metal stent
- Endoscopic balloon dilatation
- Partial gastrectomy

Primary musculoskeletal hydatid disease – a case report

8. With regards to the evaluation of hydatid disease, which imaging modality is most commonly utilised, and what characteristic radiological features are typically observed?

- X-ray; well-circumscribed, round cystic mass with peripheral calcifications and absent septations
- Magnetic resonance imaging (MRI); homogeneous, hypointense cystic lesion with no internal septations or daughter cysts
- Contrast-enhanced computed tomography (CECT); multilocular, honeycomb appearance with daughter cysts and a partially calcified cyst wall
- Ultrasound; anechoic cyst with thickened, irregular walls and internal echogenic debris

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MDB015/030/01/2025

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