

General Surgery SAQ

A nasogastric tube is being inserted in ED for treatment of a patient with a bowel obstruction.

Q1

Complete the table below In regards to four (4) indications for placement of a nasogastric tube in the Emergency department (8 marks)

Indication	Purpose / aim of procedure

Q2

List three methods that are used for confirming the correct position of the tube
3 marks

- a)
- b)
- c)

Q3

List four complications of nasogastric tube placement

4 marks

- a)
- b)
- c)
- d)

Answers

Q1

Complete the table below In regards to four (4) indications for placement of a nasogastric tube in the Emergency department (8 marks)

Indication	Purpose / aim of procedure
following endotracheal intubation	empty stomach, decrease risk of aspiration
bowel obstruction	reduce vomiting, rest bowel
rehydration in children	correction of dehydration
administration of substances eg charcoal, polyethylene glycol	administration of unpleasant agent, whole bowel irrigation
upper GI bleeding	empty stomach of blood, reduce vomiting
enteric feeding	nutrition

Q2

List three (3) methods that are used for confirming the correct position of the tube (3 marks)

- a) pH test of aspirate
- b) insufflation of air and auscultation
- c) Xray

Q3

List four (4) complications of nasogastric tube placement (4 marks)

Any four of the following

- a) Aspiration
- b) Malposition eg airway, intracranial
- c) Epistaxis
- d) Airway obstruction
- e) Haematemesis - oesophageal or gastric erosion

15 total marks

I think 10 at least for borderline pass