

Question 1

Answer saved

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Flag question

A 45-year-old lady present with anterior neck swelling for the last 4 weeks. On examination, thyroid gland is enlarged. The consultant surgeon indicates she has thyroiditis. List 5 differential diagnoses?

**Question 2**

Answer saved

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🚩 Flag question

A 2-month-child presents with unilateral cleft palate.

a. List 4 ways in which cleft palate develops

b. List one way of prevention

**Question 3**

Answer saved

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🚩 Flag question

An infant present with recurrent abdominal distention, failure to pass meconium within 48 hours, examination indicate presence of anal opening.

- a. What is the most likely diagnosis?
- b. List one differential diagnosis
- c. What radiological investigations would you order for
- d. What investigation would help clinch definitive diagnosis?
- e. What is the most common histological finding?
- f. What are the steps in management?

Question 4

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Flag question

A 70-year-old man present with hematuria for the last one week. On examination he is weak and pale.

a. List 6 laboratory investigations you would consider ordering.

4

b. List 4 radiological investigations you would consider ordering.

Question **5**

Answer saved

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🚩 Flag question

An infant present with poor feeding, irritability, reduced activity, and vomiting. His head circumference is more than 98<sup>th</sup> percentile for age.

- a. What is the most likely diagnosis?
- b. List 4 other signs would look for in this infant.
- c. List 4 surgical options

5

Question 6

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Flag question

A 16-year-old obese girl present with pain on the left hip with antalgic gait and shortened stance phase on the left and out-toeing.

a. What is the most likely diagnosis?

6

b. List 5 differential diagnoses?

Question 7

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Flag question

A 34-year-old man involved in road traffic accident present with chest pain, air hunger, tachypnea, respiratory distress and tachycardia. On examination hypotension, tracheal deviation away from the side of the injury.

- a. What is the most likely diagnosis? 7
  
- b. List other signs you would want to look for?
  
- c. List two ways of immediate management

Question 8

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Flag question

A 4 years old present nasal airway obstruction without infection for the last one year. He has frequent sleep apnea and mouth breathing.

- a. List 3 indications for adenotonsillectomy 8
- b. List 3 contraindications for adenotonsillectomy



Question 9

Answer saved

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🚩 Flag question

A 30-year-old man present with closed fracture of the femur following road traffic accident.

a. List 5 contraindications of closed reductions.

9

b. What are the objectives of open reduction and internal fixation?

Question 10

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Flag question

A 45-year-old man was involved in altercation with another man in a drinking place. He sustained a stab with a long knife in the right lumbar region and one hour later he started having hematuria. Non-contrast CT scan indicates renal injury. Using American Association for the Surgery of Trauma, classify renal injuries. **10**

Question 11

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Flag question

A 26-year-old presents to casualty having been removed from a running house with hoarseness and reduction in consciousness.

11

a. List 7 indications of intubation?

b. List 3 symptoms of carbon monoxide poisoning



Question 12

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Flag question

A 56-year old patient was involved road traffic accident and sustained head injury. He opens his eye to voice, obeys command and is confused.

a. What is the level of head injury?

12

b. List 9 factors that would make you order for a CT scan

### Question 13

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Flag question

In diagnostic formulation for a patient who presents with yellowness of the eyes, pruritus, dark urine and pale stool, list 10 important considerations in the history

13



Question 14

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Flag question

A 40-year-old lady present with dysuria, frequency, and urgency. On examination she has suprapubic tenderness. You decide to perform urinalysis.

a. What would be the laboratory would suggest non-contamination specimen?

14

b. Indicate the indicators for urinary tract infection

c. Urine culture remains the criterion standard for the diagnosis of UTI. Which of risk factors must you consider obtaining urine cultures for probable cystitis;

Question **15**

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Flag question

A one-day-old infant is presented to you in the clinic with talipes equinovarus. The orthopedic consultant would want to correct the deformity nonoperatively

- a. When should he start the correction using splintage?
- b. What is the sequence of correction?

**15**

Question 16

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Flag question

You are reviewing a 45-years-old patient for blunt abdominal injury; the signs are equivocal for peritonitis so you decide to perform diagnostic peritoneal lavage. List 8 indications that would warrant laparotomy after the test.

16



**Question 17**

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Flag question

A 68-year-old man present with dysphagia, weight loss, persistent cough and epigastric pain.

- a. What is the most likely diagnosis? **17**
- b. List 4 laboratory investigations you would like to order.
- c. List 1 endoscopic investigation you would like to order.
- d. List 2 radiological investigations you would like to order.
- e. List 6 risk factors for developing this disease.

Question 18

Answer saved

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Flag question

A neonate with history of polyhydramnios present 24 hours with abdominal distension and has failed to pass meconium and examination indicate absence of anal opening.

- a. What is the most likely diagnosis? **18**
- b. Indicate four regions of the bod you would focus your examination on.
- c. List 5 possible radiological investigation you would like to order.

Question 23

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Flag question

A 4-year-old girl is noted to being irritable with loss appetite, fever, otorrhea vomiting and vertigo.

a. List 6 differential diagnoses

23

b. You decide to perform pneumatic otoscopy, what are the four characteristics of tympanic membrane should you describe?