

Radiology INI-25 (May) Reworked

Subject: Radiology

Topic: Imaging Modalities

Subtopic: Pregnancy

Question Number: 1

Clinical question:

Which of the following is contraindicated in pregnancy?

Options:

- A) Ultrasound
- B) MRI
- C) Doppler
- D) CT scan

Correct Answer: D) CT scan

Subject: Radiology

Topic: Head & Neck Imaging

Subtopic: Parathyroid

Question Number: 2

Clinical question:

Most useful investigation for localization of parathyroid adenoma is:

Options:

- A) Sestamibi scan
- B) USG
- C) FDG PET
- D) MRI

Correct Answer: A) Sestamibi scan

Subject: Radiology

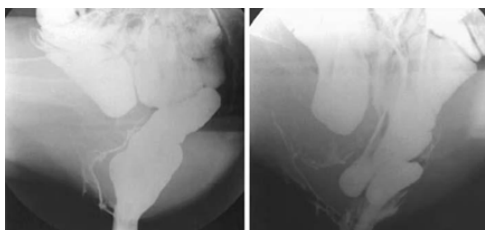
Topic: Abdominal Imaging

Subtopic: Contrast studies

Question Number: 3

Clinical question:

Identify the investigation modality shown below:



Options:

- A) X-ray defecogram
- B) Barium swallow
- C) MR defecogram
- D) CT defecogram

Correct Answer: A) X-ray defecogram

Subject: Radiology

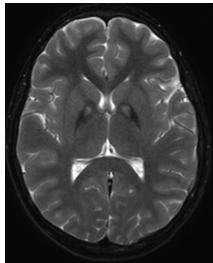
Topic: NeuroImaging

Subtopic: Metabolic Disorders

Question Number: 4

Clinical question:

Eye of the tiger appearance on MRI is associated with:

**Options:**

- A) Pantothenate kinase-associated degeneration (PKAN)
- B) Wilson's disease
- C) Krabbe's disease
- D) Huntington chorea

Correct Answer: A) Pantothenate kinase-associated degeneration (PKAN)

Subject: Radiology

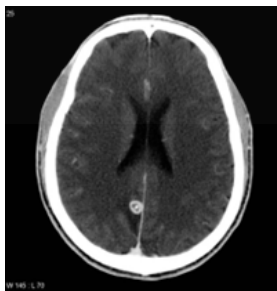
Topic: NeuroImaging

Subtopic: Infections

Question Number: 5

Clinical question:

A CECT of a child with seizures is shown below. What is the diagnosis?



Options:

- A) Tuberculoma
- B) Neurocysticercosis
- C) Brain abscess
- D) Cerebral metastasis

Correct Answer: B) Neurocysticercosis

Subject: Radiology

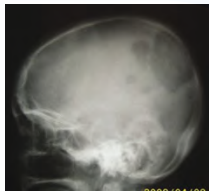
Topic: Thyroid Malignancy

Subtopic: Metastasis

Question Number: 6

Clinical question:

Based on the provided X-ray image, identify the type of thyroid malignancy:

**Options:**

- A) Papillary carcinoma
- B) Hurthle cell carcinoma
- C) Follicular carcinoma
- D) Thyroid lymphoma

Correct Answer: C) Follicular carcinoma

Subject: Radiology

Topic: Abdominal Imaging

Subtopic: Large Intestine

Question Number: 7

Clinical question:

A male patient with diarrhea since 8 months with shown CT finding, a haustral appearance in right colon. What is the most likely diagnosis?

**Options:**

- A) Ulcerative colitis
- B) Tubercular colitis
- C) Crohn's disease
- D) Pseudomembranous enterocolitis

Correct Answer: A) Ulcerative colitis