

USMLE Practice Test Questions and Answers

1. A 45-year-old patient presents with chest pain, diaphoresis, and shortness of breath. The ECG shows ST-segment elevation in leads II, III, and aVF. What is the most likely diagnosis?

- A) Anterior wall myocardial infarction
- B) Inferior wall myocardial infarction
- C) Lateral wall myocardial infarction
- D) Posterior wall myocardial infarction

2. Which medication is the first-line treatment for hypertension in a diabetic patient with proteinuria?

- A) Thiazide diuretic
- B) ACE inhibitor
- C) Beta-blocker
- D) Calcium channel blocker

3. A 25-year-old woman presents with amenorrhea, galactorrhea, and visual field defects. Laboratory studies show elevated prolactin levels. What is the most appropriate initial imaging study?

- A) CT scan of the head
- B) MRI of the brain with gadolinium
- C) Ultrasound of the pelvis
- D) Mammography

4. Which cellular structure is primarily responsible for protein synthesis in eukaryotic cells?

- A) Mitochondria
- B) Golgi apparatus
- C) Ribosomes
- D) Lysosomes

Answers: 1-B 2-B 3-B 4-C

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