

1. Which of the following are components of a vulnerable coronary artery plaque?

- A. Thin fibrous cap
- B. Macrophage infiltration
- C. Large lipid core
- D. All of the above

Answer: D

2. What percentage of patients with coronary artery disease have a normal cholesterol (LDL < 130 ng/dL) ?

- A. 25
- B. 50
- C. 75
- D. 100

Answer: C

3. Which of the following are patient requirements for undergoing Coronary CTA?

- A. The patient can hold his/her breath
- B. Regular heart rate
- C. No contraindications to metoprolol or nitroglycerin

D. All of the above

Answer: D

4. Fractional flow reserve is the ratio of:

- A. Cardiac output over GFR
- B. Maximal blood flow in a stenotic artery over normal maximal blood flow
- C. Pulmonary capillary wedge pressure over cardiac output
- D. LDL over total cholesterol

Answer: B