Part 1 [1/2 page]

Disease: Coronary Heart Disease (CHD)

1. Describe briefly and concisely how the various types of Echocardiography (TTE, TEE, stress, Doppler) may be used for diagnosis of this diseases
2. Provide one example of an image of the echocardiography image of the heart that show normal and abnormal heart structure (e.g., leaky valve). The width of this image should not take up more than one-third of the width of the page. Do not use images provided in the notes.

Part 2 [1.5 pages]

For the following terms, with the help of relevant schematics, pictures, or diagrams, **explain in simple terms** (from scratch):

1. What they are and
2. How they are related to the condition/risk factor/progression/diagnosis/imaging/complications/treatment of the disease.

Your descriptions and explanations of these terms should have sufficient details and should be systematic and coherent:

* 2D Imagining: The parasternal windows: Long and Short Axis views
* Aspirin therapy
* Coronary artery bypass graft

Important notes

1. Do not exceed 2 pages (excluding cover page and references)
2. Abundance of details and sufficient explanations/elaborations in your own words. All medical terms that are included but are not introduced during the course must be clearly explained at a level that your classmates can understand.
3. Optimize the use of space in your report: wrap text around all figures and there should not be blank (unused) spaces in your report.
4. What is coronary heart disease?
5. What is Echocardiography?

A test that use sound waves to produce live images of the heart

1. Describe briefly and concisely how the various types of Echocardiography (TTE, TEE, stress, Doppler) may be used for diagnosis of this diseases
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Types of Echocardiography

1. Transthoracic Echocardiography (TTE)
2. Transoesophageal Echocardiography (TEE)
3. Stress echocardiography

Stress echocardiography is a test that uses ultrasound imaging to show how well your heart muscle is working to pump blood to your body. It is most often used to detect a decrease in blood flow to the heart from narrowing in the coronary arteries.

1. Doppler Sonography

Part B

<https://myheart.net/articles/leaky-heart-valve-when-the-mitral-valve-fails/>

