



Aswan University

Faculty of Medicine

General Surgery Department

## General Surgery Exam for 2<sup>nd</sup> Part of Master Degree in Surgery

Paper IV (150 Marks)

Date: 6/11/2022

Time allowed: 3 hours

ALL QUESTIONS TO BE ANSWERED

(I) Cases (50 Marks)

Case 1 (25 Marks)

You are asked to see a 47-year-old hairdresser in the vascular clinic. She has been complaining of pain in the right leg on prolonged standing and has noticed unsightly, distended veins in that leg for the past 2 years. For the past 3 months, she has also had itching of the skin just below the knee with a red patch in that area. She is currently on treatment for hypertension with no other past history of note. She has two children.

On Examination, A distended vein can be felt in the medial aspect of the mid-thigh running down to the knee. There are numerous varicosities around and below the knee. There is an erythematous patch of skin approximately 3cm in diameter overlying one of the below-knee varicosities. A thrill is palpable at the saphenofemoral junction when the patient coughs. Foot pulses are strongly palpable.

1. What is the most likely diagnosis?
2. What information would the Trendelenburg test provide?
3. What is the significance of the erythematous patch of skin?
4. What imaging studies would you consider?
5. What are the possible complications if left untreated