

PORTAL HYPERTENSION

AND ITS MANAGEMENT UPDATED

Essay submitted for partial fulfillment of the
requirements of the Master Degree in General Surgery

By

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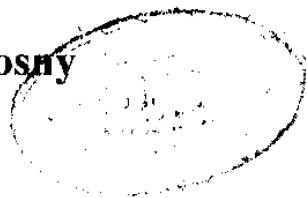
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بسم الله الرحمن الرحيم

"يا أيها الناس اتقوا ربكم إن زلزلة
الساعة شئ عظيم"

صدق الله العظيم

(الحج آية رقم ١)

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INTRODUCTION

Portal hypertension is a complex disease state with several causes and multiple potential complications, each of them may affect the length or quality of survival. These complications are among the most difficult clinical problems facing both the surgeons and the gastroenterologists.

In the previous few years great advances has been established including diagnostic methods of the underlying causes, and the new trends in handling this problem both medically and surgically, for example: Magnetic Resonance Angiography using the fast spoiled GRASS technique, Doppler flowmetry study of the portal vasculature and Single Photon Emission computerized Tomography Scanning (SPECT) .

Recently a Transjugular Intrahepatic Portosystemic Stent Shunt (TIPSS) is being used to decompress the portal system in resistant bleeding oesophageal varices.

In this essay, a review of the above mentioned recent procedures for diagnosis and treatment of portal hypertension is going to be attempted with emphasis on the surgical procedures that proved to be effective.

