

# **TABLE OF CONTENTS**

## **INTRODUCTION & AIM OF WORK**

## **REVIEW OF LITERATURE**

<b>ANATOMY AND CIRCULATION OF THE PORTAL VENOUS SYSTEM</b>	<b>1</b>
<b>PORTAL HYPERTENSION</b>	<b>10</b>
Hemodynamics in portal hypertension	11
Hyperdynamic circulation in portal hypertension	12
<b>ESOPHAGEAL VARICES</b>	<b>15</b>
Venous drainage of the esophagus	17
Mechanism of varices formation	20
Pathogenesis of variceal bleeding	24
<b>ETIOLOGY AND DIAGNOSIS OF PORTAL HYPERTENSION</b>	<b>28</b>
Prehepatic portal hypertension	28
Intrahepatic portal hypertension	33
Post Hepatic causes of portal hypertension	51
<b>DIAGNOSIS OF PORTAL HYPERTENSION</b>	<b>53</b>
<b>PREDICTION OF VARICEAL BLEEDING</b>	<b>68</b>
<b>MANAGEMENT OF ESOPHAGEAL VARICES</b>	<b>71</b>
<b>ENDOSCOPIC SCLEROTHERAPY</b>	<b>89</b>
Sclerosing materials	89
Pattern and site of injection	92
Complication of sclerotherapy	97
Therapeutic goal of endoscopic sclerotherapy	107
Failure of sclerotherapy	108
<b>ENDOSCOPIC VARICEAL LIGATION</b>	<b>110</b>
Endoscopic ligating device	111
Technique of ligation	113
Complications of endoscopic variceal ligation	119
Combined elastic band ligation and sclerotherapy	124
<b>SUBJECTS AND METHODS</b>	<b>126</b>

<b>RESULTS</b>	<b>138</b>
<b>DISCUSSION</b>	<b>164</b>
<b>SUMMARY and CONCLUSION</b>	<b>172</b>
<b>RECOMMENDATIONS</b>	<b>175</b>
<b>REFERENCES</b>	<b>176</b>
<b>ARABIC SUMMARY</b>	