CONTENT

| INTRODUCTION AND SCOP OF THE WORK | 1 |
|-----------------------------------|-----|
| AIM OF THE WORK | 3 |
| REVIEW OF LITERATURE: | |
| ENDOTHELIN: | 4 |
| Endothelin level. | 15 |
| Actions of endothelin. | 18 |
| Endothelin in disease | 23 |
| PORTAL HYPERTENSION | 28 |
| ENDOTHELIN IN PORTAL HYPERTENSION | 36 |
| ENDOTHELIN IN RENAL DYSFUNCTION | 38 |
| ENDOTHELIN IN HEPATORENAL SYNDROM | 41 |
| SUBJECTS AND METHODS | 45 |
| STATISTICAL ANALYSIS | 57 |
| ANALYSIS OF RESULTS | 57 |
| DISCUSSION | 88 |
| SUMMARY AND CONCLUSION | 97 |
| REFERENCES | 100 |
| ARABIC SUMMARY | 12 |