## **CONTENTS**

*Abbreviations.	pag
*Introduction.	
*Aim of the work.	
*Anatomy of the myocardium and the coronary vessels.	•
*Physiology of the coronary blood flow.	4
*Pathophysiology of myocardial ischaemia.	6
*Types and clinical picture of ischaemic heart disease.	10
*Anaesthetic management of the patient:	
I-Preoperative management: -Risk factors of perioperative myocardial ischaemiaPreoperative evaluation and preparation of patients with known or suspected coronary artery disease.	15 23
<ul> <li>II-Intraoperative management:</li> <li>-Monitoring of the patient.</li> <li>-Anaesthesia for patients with coronary artery disease undergoing noncardiac surgery.</li> <li>-Anaesthesia for coronary artery by-pass graft.</li> <li>-Diagnosis and management of intraoperative myocardial ischaemia.</li> </ul>	45 54 68 71
<ul> <li>III-Postoperative management:</li> <li>-Postoperative care of patients with ischaemic heart disease.</li> <li>-Diagnosis and management of postoperative myocardial infarction.</li> <li>-Prophylaxis against development of postoperative ischaemia.</li> </ul>	74 79 83
*Summary.	89
*References.	92
*Arabic summary.	