Contents

• List of Abbreviations.	i
	ii
• Introduction.	iii
• Aim of the Work.	
Physiological Considerations.	1
 Assessment & Monitoring of Coagulation & Hemostasis. 	9
Bleeding in Open Heart Surgery	
Preoperative Causes of Bleeding.	18
Effects of ECC on Hemostasis & Blood Components.	30
Intraoperative Causes of Bleeding.	39
• Effects of Blood Transfusion on Coagulation.	56
• Heparin & Protamine.	60
• Fibrinolysis & Antifibrinolytics.	72
Hypothermia.	80
• Blood Component therapy.	82
• Conclusion.	89
• Summary.	90
• References.	92
Arabic Summary.	