

TABLE OF CONTENTS

Preface	8
1 Pathophysiology of postpartum hemorrhage	11
1.1 Circulatory system and blood coagulation changes in pregnancy	11
1.2 Hemorrhagic shock	13
1.3 Disseminated intravascular coagulation syndrome	15
1.4 Vascular supply of the pelvic organs: internal iliac arteries and ovarian artery	17
1.5 Placental bed	26
1.6 The urogynecologist's knowledge in severe postpartum hemorrhage management	29
2 Blood loss during delivery.	38
2.1 Critical bleeding.	40
2.2 Epidemiology of PPH	41
3 Etiological factors of postpartum hemorrhage and their detection	46
3.1 Introduction	46
3.2 Etiopathological factors of postpartum hemorrhage	51
4 Blood loss assessment.	159
4.1 Quantitative methods.	159
4.2 Visual assessment	159
4.3 Gravimetric method	162
4.4 Hematin method	162
4.5 Changes in the concentration of hemoglobin and hematocrit	163
4.6 Assessment of the clinical condition	163
5 Conservative and surgical treatment of postpartum hemorrhage	165
5.1 Initial assessment of the patient's condition and conservative measures	167
5.2 Targeted therapeutic measures	180
5.3 Postpartum hemorrhages unresponsive to conservative treatment	240
5.4 Cardiopulmonary resuscitation during the peripartum period	310
5.5 Perimortem cesarean section.	311

6 New trends in the treatment of women with postpartum hemorrhage	325
6.1 Introduction	325
6.2 Analysis of cases of severe forms of postpartum hemorrhage managed by ligation of the hypogastric arteries—a cohort study	326
6.3 Options for the prevention of postpartum hemorrhage	351
6.4 Postpartum hemorrhage—a constant threat	357
6.5 Perspectives on organizing care for women at risk of postpartum hemorrhage	361
Authors' acknowledgements	368
Summary	370
List of abbreviations	371
Index	374