#### **Contents**

Subjects	Page
List of Abbreviations List of Figures List of Tables	III
• Protocol	
• Review of Literature	
♦ Chapter (1): Post-Partum Infections	1
♦ Chapter (2): Endometritis	26
♦ Chapter (3): Anti-Septic Solutions	40
Patients and Methods	54
• Results	60
• Discussion	76
• Summary	84
• Conclusion	86
• Recommendations	87
• References	88
Arabic Summary	

#### List of Abbreviations

ACOG : American Congress of Obstetricians and

Gynecologists

BV : Bacterial vaginosis

CS : Cesarean section

CT : Computed tomography

MRI : Magnetic resonance imaging

MRSA : Methicillin-resistant type

OVT : Ovarian vein thrombophlebitis

PHMB : Polyhexanide polyhexamethylene biguanide

PVP-I : Povidone iodine

SMX : Sulfamethoxazole

SPT : Septic pelvic thrombophlebitis

TMP : Trimethoprim

tPA : Tissue plasminogen activator

UTI : Urinary tract infection

#### **List of Figures**

No.	<u>Figure</u>	Page
1	Mean estimated blood loss in both studied groups.	62
<u>2</u>	Mean WBC in both studied groups.	64
<u>3</u>	Mean CRP level in both studied groups.	64
4	Indicators of endometritis in both studied groups.	66
<u>5</u>	Incidence of endometritis in both studied groups.	68
<u>6</u>	Hospital length of stay in both studied groups.	70
7	Mean preoperative hemoglobin in patients with or without endometritis.	72
<u>8</u>	Prevalence of preoperative anemia (Hb <10 g/dl) in patients with or without endometritis.	73
<u>9</u>	Proportion of patients receiving preoperative vaginal cleaning with povidone iodine among those with or without endometritis.	74
<u>10</u>	Mean surgical time in patients with or without endometritis.	74

#### **List of Tables**

No.	<u>Table</u>	<u>Page</u>
1	Patient's characteristics in both studied groups.	60
<u>2</u>	Obstetric history in both studied groups.	60
<u>3</u>	Operative data in both studied groups.	61
<u>4</u>	Postoperative data in both studied groups.	63
<u>5</u>	Indicators of endometritis in both studied groups.	65
<u>6</u>	Incidence of endometritis in both studied groups.	67
<u>7</u>	Hospital length of stay in both studied groups.	69
<u>8</u>	Comparison of patients with or without endometritis.	71
9	Multivariable binary logistic regression analysis for predictors of endometritis.	75



## **Protocol**





## **Review of Literature**





## Chapter (1)

#### **Post-Partum Infections**





## Chapter (2)

## **Endometritis**





# **Chapter (3) Anti-Septic Solutions**





## **Patients and Methods**





# Results





# **Discussion**





# Summary





# Conclusion





## Recommendations

