

TABLES OF CONTENTS

Chapter	Page
INTRODUCTION.....	
1. ANATOMY OF THE BREAST.....	
- Structure.....	1
- Arterial supply.....	1
- Venous drainage.....	3
- Lymphatic drainage.....	3
- Innervation.....	5
- Development.....	6
2. DEFINITION AND ETIOLOGY.....	
- Definition.....	10
- Prevalence.....	10
- Etiology.....	12
- Role of aromatase in gynecomastia.....	26
3. PATHOLOGY AND CLASSIFICATION.....	
- Pathology.....	27
- Classification.....	32
4. CLINICAL FEATURES AND DIAGNOSTIC EVALUATION.	
- History.....	36
- Physical examination.....	36
- Investigations.....	37

5.	TREATMENT.....	
	- Medical treatment.....	43
	- Irradiation.....	46
	- Surgical treatment.....	47
	- Periareolar–Transareolar–Perithelial Incision.....	52
	- Single-Stage Subcutaneous Mastectomy and Circumareolar Concentric Skin Reduction with Deepithelialization.....	59
	- Lighted Retractor-Assisted Transaxillary Approach.....	64
	- Modified Surgical Technique for Treatment of High-Grade Gynecomastia.....	70
	- Liposuction.....	72
	A. Cross-Chest Lipoplasty and Surgical Excision.....	74
	B. A Sharp Cutting Liposuction Cannula.....	89
	C. Ultrasonic Liposuction.....	93
	- Endoscopic breast surgery.....	99
	A. Endoscopic transaxillary mastectomy.....	100
	B. Cross-Chest Power-Assisted Superficial Liposuction Combined With Endoscopic-Assisted Pull-Through Excision.....	103
	- Minimal surgical access with the use of a power-assisted arthroscopic-endoscopic cartilage shaver.....	111
	- Complications of surgical treatment.....	116

SUMMARY AND CONCLUSION.....	125
REFERENCES.....	128
ARABIC SUMMARY.....	