

CONTENTS

<i>Contributors</i>	ix
<i>Preface</i>	xi
Chapter 1 EARLY DIAGNOSIS OF VULVAR CANCER	1
<i>Peter Schlosshauer</i>	
Introduction	1
Normal Anatomy and Histology	2
Clinical Identification of Early Vulvar Neoplasms	3
Processing of a Surgical Specimen for Pathologic Evaluation	4
Non-Neoplastic Epithelial Disorders	6
Pre-Malignant Squamous Epithelial Lesions	11
Invasive Carcinoma	18
References	43
Chapter 2 EARLY DIAGNOSIS OF CERVICAL AND VAGINAL CANCER	47
<i>Peter Schlosshauer</i>	
Introduction	47

Normal Anatomy, Histology and Physiologic Changes	48
Clinical Identification of Early Vaginal and Cervical Neoplasms	52
Processing of a Surgical Specimen for Pathologic Evaluation	54
Benign Disorders	56
Human Papilloma Virus (HPV): Life Cycle and Role in Tumorigenesis	62
Premalignant Epithelial Lesions	65
Invasive Carcinoma of the Cervix	79
Carcinoma of the Vagina	97
Other Malignant Tumors of the Vagina and Cervix	101
Ancillary Studies	101
HPV-Vaccine	107
References	109
Chapter 3 EARLY DIAGNOSIS OF CERVICAL, VAGINAL AND VULVAR CANCER: A CLINICIAN'S VIEW	115
<i>Albert Altchek</i>	
Cervical Cancer	115
Vaginal and Vulvar Cancer	129
References	144
Chapter 4 EARLY DIAGNOSIS OF ENDOMETRIAL CANCER	149
<i>Liane Deligdisch</i>	
Introduction	149
Precursors of Endometrial Carcinoma	150
Classification of Endometrial Carcinoma	157
Early Endometrial Carcinoma	160
Pathology of Endometrial Carcinoma	163

	Histologic Patterns of Endometrial Carcinomas	165
	Molecular Biology of Endometrial Carcinoma	168
	Conclusions	170
	References	172
Chapter 5	EARLY DIAGNOSIS OF OVARIAN CANCER	175
	<i>Liane Deligdisch</i>	
	Introduction	175
	Risk Factors, Genetic Risk	176
	Ovarian Dysplasia	177
	Prophylactic Oophorectomy and the Ovary at Risk	183
	Stage I Ovarian Carcinoma	188
	Conclusions	195
	References	195
Chapter 6	EARLY DIAGNOSIS OF OVARIAN AND ENDOMETRIAL CANCER: A CLINICIAN'S VIEW	199
	<i>Albert Altchek</i>	
	Ovarian Cancer	199
	Endometrial Cancer	212
	References	224
Chapter 7	CYTOLOGY FOR EARLY DIAGNOSIS OF GYNECOLOGIC CANCER	229
	<i>Maixin Wu</i>	
	Introduction	229
	Cervical, Vaginal and Vulvar Neoplasms	234
	Endometrial Neoplasia	253
	Ovarian Neoplasia	256
	Summary	261
	References	261

Chapter 8	MOLECULAR AND BIOLOGICAL DIAGNOSIS OF EARLY GYNECOLOGIC CANCERS	267
	<i>Frederique Penault-Llorca</i>	
	Ovarian Cancer	267
	Cervical Cancer	274
	Endometrial Cancer	280
	References	282
Index		285