

Contents

Preface	vii
1 Human Papillomaviruses and Cervical Cancer	02
1.1 Etiology of Cervical Cancer	02
1.2 Natural History of Cervical Cancer	02
1.3 Morphogenesis of Cervical Cancer	04
1.4 HPV Vaccines	06
2 Role of Colposcopy	14
2.1 Routine Colposcopy	14
2.2 Colposcopy to Evaluate an Abnormal Pap Smear	14
2.3 Colposcopy to Evaluate Patients Positive for HPV or Other Biomarkers	14
2.4 Colposcopy to Evaluate Abnormal Cytologic Findings during Pregnancy	14
2.5 Colposcopy to Evaluate Lesions before Treatment. ...	14
2.6 Colposcopy in Screen-and-Treat Approaches in Resource-Poor Settings	14
3 The Colposcope and the Colposcopic Examination	18
3.1 Colposcopic Instruments	19
3.2 Biopsy Instruments	19
3.3 The Colposcopic Examination	19
3.4 Therapeutic Implications of Abnormal Colposcopic Findings	24
4 Teaching and Training Colposcopy	32
4.1 Colposcopy Training in Europe	32
4.2 European Diploma in Colposcopy	33
5 Colposcopic Terminology	36
6 Colposcopic Findings	40
6.1 Normal Colposcopic Appearances	40
6.2 Abnormal Colposcopic Findings	51
6.3 Miscellaneous Colposcopic Findings	73
6.4 Assessment of Colposcopic Findings	91
6.5 Criteria for Differential Diagnosis	91
6.6 Combinations of Abnormalities	98
7 Colposcopy in Pregnancy	102
7.1 Effects of Pregnancy on Colposcopic Findings	103
7.2 Benign Changes in Pregnancy	106
7.3 Suspicious Changes	106
7.4 The Puerperium	106
7.5 Biopsy during Pregnancy	111
8 Colposcopy of the Vulva	114
8.1 Histology of the Vulva	114
8.2 Diagnostic Methods for Evaluating Vulvar Lesions	115
8.3 Vulvar Carcinogenesis	122
8.4 Preinvasive (Intraepithelial) Lesions	124
8.5 Nonneoplastic Conditions	132
9 Colposcopy of the Vagina	138
9.1 Histology	138
9.2 Vaginal Carcinogenesis	138
9.3 Squamous Intraepithelial Lesions	138
9.4 Diagnostic Methods for SIL	138
9.5 Histologic Terminology and Classification	140
9.6 Histomorphology of Vaginal SIL	140
9.7 Management of SIL	140
9.8 Vaginal Melanoma	141

10	Colposcopy of the Perianal Region	144
10.1	Anatomy and Histology	144
10.2	Anal Carcinogenesis	144
10.3	Anal Intraepithelial Neoplasia	144
10.4	Diagnostic methods for AIN	145
10.5	Histologic Terminology and Classification	147
10.6	Management of AIN	147
	Index.	149