

Features:

- Covers **all areas of gynecologic pathology**, organized into seven easy-to-reference anatomic sections: vulva, vagina, uterine cervix, uterine corpus, fallopian tube and broad ligament, ovary, and peritoneum
- Includes **all frequently encountered conditions** plus **extensive coverage of uncommon entities**, such as inflammatory diseases of the vulva, discussed by experts in dermatopathology
- Provides **updated differential diagnoses and diagnostic pearls** as well as **extensive revisions** based on the 2020 *WHO Classification of Tumors: Female Genital Tumors*, including staging issues and measurement standards
- Reflects **important molecular updates** in endometrial carcinoma classifications as well as **updated classifications** for squamous and glandular tumors for the lower genital tract, both in situ and invasive
- Updates **ancillary techniques, newly encountered pitfalls**, and advances in the molecular landscape of epithelial and mesenchymal tumors
- Features **more than 2,500 superb images** in print and online, including many new gross and microscopic images as well as diagnostically relevant immunohistochemical and molecular findings
- **Includes an eBook version** that enables you to access all text, figures, and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud

Περιεχόμενα:

SECTION 1: VULVA INFLAMMATORY DISORDERS 4 Lichen Planus Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 8 Fixed Drug Eruption Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 10 Erythema Multiforme Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 12 Plasmacytosis Mucosae (Zoon) Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 14 Lichen Sclerosus Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 18 Allergic Contact Dermatitis Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 20 Psoriasis Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 22 Lichen Simplex Chronicus Marisa R. Nucci, MD 24 Foreign Body Granulomas Maria Angelica Selim, MD 26 Verruciform Xanthoma Maria Angelica Selim, MD 28 Crohn Disease Maria Angelica Selim, MD 30 Epidermolytic Acanthoma Marisa R. Nucci, MD 32 Papular Acantholytic Dermatitis Maria Angelica Selim, MD and Timothy R. Quinn, MD, CM 34 Behçet Disease Maria Angelica Selim, MD 36 Pemphigus Jason C. Reutter, MD 38 Bullous Pemphigoid Jason C. Reutter, MD 40 Mucous Membrane Pemphigoid (Cicatricial Pemphigoid) Jason C. Reutter, MD 42 Pemphigoid Gestationis (Herpes Gestationis) Jason C. Reutter, MD 44 Linear IgA Disease Jason C. Reutter, MD 46 Herpes Simplex Virus Jason C. Reutter, MD 50 Syphilis Jason C. Reutter, MD 54 Chancroid Jason C. Reutter, MD 56 Molluscum Contagiosum Jason C. Reutter, MD 58 Dermatophytosis Jason C. Reutter, MD 60 Candidiasis Jason C. Reutter, MD 62 Scabetic Infestations

Jason C. Reutter, MD 64 Hidradenitis Suppurativa Jason C. Reutter, MD NONNEOPLASTIC LESIONS 66 Bartholin Cyst Marisa R. Nucci, MD 68 Endometriosis Emily E. K. Meserve, MD, MPH 70 Fibroepithelial Stromal Polyp Marisa R. Nucci, MD 72 Massive Edema Marisa R. Nucci, MD EPITHELIAL TUMORS 74 HPV-Associated Lesions (Excluding Vulvar Intraepithelial Neoplasia) Russell Ball, MD 78 Vulvar Intraepithelial Neoplasia Russell Ball, MD 84 Squamous Cell Carcinoma Russell Ball, MD 88 Basal Cell Carcinoma Maria Angelica Selim, MD 94 Mucosal Melanotic Macule Maria Angelica Selim, MD 96 Common Melanocytic Nevus Russell Ball, MD 100 Atypical Nevus of Genital Tract Russell Ball, MD 104 Malignant Melanoma Maria Angelica Selim, MD 110 Extramammary Paget Disease Maria Angelica Selim, MD 116 Bartholin Gland Carcinoma Maria Angelica Selim, MD 118 Hidradenoma Papilliferum Maria Angelica Selim, MD 120 Fibroadenoma and Phyllodes Tumor Maria Angelica Selim, MD 122 Syringoma Jason C. Reutter, MD 124 Mixed Tumor Jason C. Reutter, MD 126 Microcystic Adnexal Carcinoma Jason C. Reutter, MD 128 Eccrine Spiradenoma Jason C. Reutter, MD 130 Trichofolliculoma Jason C. Reutter, MD 132 Trichoepithelioma Jason C. Reutter, MD 134 Sebaceous Hyperplasia Jason C. Reutter, MD 136 Sebaceous Carcinoma Jason C. Reutter, MD MESENCHYMAL TUMORS 138 Angiomyofibroblastoma Marisa R. Nucci, MD 140 Cellular Angiofibroma Marisa R. Nucci, MD 142 Prepubertal Vulval Fibroma Marisa R. Nucci, MD 144 Superficial Angiomyxoma Marisa R. Nucci, MD 146 Deep (Aggressive) Angiomyxoma Marisa R. Nucci, MD 148 Smooth Muscle Tumors Esther Oliva, MD 154 Granular Cell Tumor Esther Oliva, MD 156 Dermatofibrosarcoma Protuberans Marisa R. Nucci, MD 158 Solitary Fibrous Tumor Marisa R. Nucci, MD 160 Lipoblastoma-Like Tumor Marisa R. Nucci, MD 162 Epithelioid Sarcoma Brooke E. Howitt, MD **SECTION 2: VAGINA INFLAMMATORY DISORDERS** 170 Desquamative Inflammatory Vaginitis Marisa R. Nucci, MD 172 Ligneous Vaginitis Marisa R. Nucci, MD 174 Malakoplakia Marisa R. Nucci, MD NONNEOPLASTIC LESIONS 176 Vaginal Cysts Marisa R. Nucci, MD 178 Adenosis Marisa R. Nucci, MD 180 Polyps Emily E. K. Meserve, MD, MPH 182 Fallopian Tube Prolapse Emily E. K. Meserve, MD, MPH TUMORS 184 Vaginal Intraepithelial Neoplasia C. Blake Gilks, MD, FRCPC 186 Squamous Cell Carcinoma C. Blake Gilks, MD, FRCPC 190 Adenocarcinomas, Nonclear Cell Type C. Blake Gilks, MD, FRCPC 194 Clear Cell Carcinoma Esther Oliva, MD 196 Mixed Tumor C. Blake Gilks, MD, FRCPC 198 Rhabdomyoma C. Blake Gilks, MD, FRCPC 200 Malignant Melanoma C. Blake Gilks, MD, FRCPC 202 Yolk Sac Tumor C. Blake Gilks, MD, FRCPC 204 Secondary Neoplasms C. Blake Gilks, MD, FRCPC **SECTION 3: UTERINE CERVIX NONNEOPLASTIC LESIONS** 208 Cervical Infections Emily E. K. Meserve, MD, MPH 214 Atrophy Marisa R. Nucci, MD 216 Transitional Cell Metaplasia Brooke E. Howitt, MD 218 Immature Squamous Metaplasia Marisa R. Nucci, MD 220 Tubal and Tuboendometrioid Metaplasia Emily E. K. Meserve, MD, MPH 222 Arias-Stella Reaction Marisa R. Nucci, MD 224 Deciduousis Emily E. K. Meserve, MD, MPH 226 Endometriosis Brooke E. Howitt, MD 228 Tunnel Clusters Brooke E. Howitt, MD 230 Microglandular Hyperplasia Brooke E. Howitt, MD 234 Deep Glands and Nabothian Cysts Emily E. K. Meserve, MD, MPH 236 Endocervical Glandular Hyperplasia (Diffuse and Lobular) Marisa R. Nucci, MD 240 Endocervical Polyp Brooke E. Howitt, MD 242 Ectopic Prostate Tissue Emily E. K. Meserve, MD, MPH 244 Mesonephric Remnants/Hyperplasia Marisa R. Nucci, MD 248 Endocervicosis Emily E. K. Meserve, MD, MPH EPITHELIAL TUMORS 250 Müllerian Papilloma Emily E. K. Meserve, MD, MPH 252 Squamous Intraepithelial Lesion/Dysplasia Emily E. K. Meserve, MD, MPH 260 Squamous Cell Carcinoma Emily E. K. Meserve, MD, MPH 266 HPV- and Non-HPV-Associated In Situ Adenocarcinoma Brooke E. Howitt, MD 272 HPV-Associated Adenocarcinomas Brooke E. Howitt, MD 282 HPV-Associated Adenosquamous Carcinoma Esther Oliva, MD 286 Gastric-Type Adenocarcinoma, HPV Independent Esther Oliva, MD 294 Clear Cell Adenocarcinoma, HPV Independent Esther Oliva, MD 298

Mesonephric Adenocarcinoma, HPV Independent Esther Oliva, MD 304 Endometrioid Adenocarcinoma, HPV Independent Esther Oliva, MD 306 Patterns of Invasion in Endocervical Adenocarcinoma (Silva Classification) Esther Oliva, MD 310 Adenoid Basal Carcinoma Koen K. Van de Vijver, MD, PhD 312 Adenoid Cystic Carcinoma Koen K. Van de Vijver, MD, PhD 314 Neuroendocrine Tumors Koen K. Van de Vijver, MD, PhD 318 Carcinosarcoma Esther Oliva, MD MIXED EPITHELIAL STROMAL TUMORS 320 Endocervical-Type Adenomyoma Esther Oliva, MD 322 Müllerian Adenosarcoma Esther Oliva, MD MESENCHYMAL TUMORS 324 Rhabdomyosarcoma Esther Oliva, MD 328 Spindle Cell Sarcomas With NTRK Rearrangement Esther Oliva, MD 332 Spindle Cell Sarcoma With Tyrosine Kinase Abnormalities or Spindle Cell Sarcoma, NOS Marisa R. Nucci, MD OTHERS 334 Lymphomas and Leukemias of Lower Genital Tract Koen K. Van de Vijver, MD, PhD 338 Metastatic/Secondary Tumors Esther Oliva, MD **SECTION 4: UTERINE CORPUS NONNEOPLASTIC LESIONS** 342 Endometritis Emily E. K. Meserve, MD, MPH 346 Endometrial Metaplasias Emily E. K. Meserve, MD, MPH 354 Endometrial Polyp Brooke E. Howitt, MD EPITHELIAL TUMORS 360 Endometrial Intraepithelial Neoplasia/Atypical Endometrial Hyperplasia Brooke E. Howitt, MD 368 Endometrioid Adenocarcinoma and Variants Marisa R. Nucci, MD 380 Serous Adenocarcinoma Esther Oliva, MD 388 Clear Cell Adenocarcinoma Esther Oliva, MD 396 Mesonephric-Like Carcinoma Brooke E. Howitt, MD 400 Squamous Cell Carcinoma Esther Oliva, MD 402 Neuroendocrine Carcinoma Marisa R. Nucci, MD 408 Undifferentiated/Dedifferentiated Carcinoma Esther Oliva, MD 412 Carcinosarcoma Koen K. Van de Vijver, MD, PhD MIXED EPITHELIAL STROMAL TUMORS 416 Endometrioid-Type Adenomyoma Esther Oliva, MD 418 Atypical Polypoid Adenomyoma Koen K. Van de Vijver, MD, PhD 420 Müllerian Adenosarcoma Esther Oliva, MD MESENCHYMAL TUMORS 428 Leiomyoma and Variants Esther Oliva, MD 442 Intravenous Leiomyomatosis Esther Oliva, MD 446 Leiomyosarcoma Esther Oliva, MD 454 Perivascular Epithelioid Cell (PEC) Proliferations Esther Oliva, MD 462 Inflammatory Myofibroblastic Tumor Emily E. K. Meserve, MD, MPH 468 Benign and Low-Grade Endometrial Stromal Tumors Esther Oliva, MD 476 High-Grade Endometrial Stromal Sarcoma Esther Oliva, MD 484 Uterine Tumors Resembling Ovarian Sex Cord Tumors Esther Oliva, MD 490 Rhabdomyosarcoma Esther Oliva, MD 496 Alveolar Soft Part Sarcoma Brooke E. Howitt, MD 498 SMARC-Deficient Uterine Sarcoma Brooke E. Howitt, MD 502 Undifferentiated Uterine Sarcoma Esther Oliva, MD OTHERS 506 Adenomatoid Tumor Koen K. Van de Vijver, MD, PhD 510 Central Primitive Neuroectodermal Tumor Esther Oliva, MD 514 Wilms Tumor Esther Oliva, MD 516 Germ Cell Tumors Esther Oliva, MD 518 Lymphoma and Leukemia Emily E. K. Meserve, MD, MPH 520 Metastatic/Secondary Tumors Esther Oliva, MD **SECTION 5: FALLOPIAN TUBE AND BROAD LIGAMENT NONNEOPLASTIC LESIONS** 524 Metaplasias Emily E. K. Meserve, MD, MPH 526 Pseudocarcinomatous Hyperplasia Emily E. K. Meserve, MD, MPH 528 Salpingitis Brooke E. Howitt, MD 530 Endometriosis Brooke E. Howitt, MD TUMORS 532 Metaplastic Papillary Tumor Marisa R. Nucci, MD 534 Adenomatoid Tumor Brooke E. Howitt, MD 536 Female Adnexal Tumor of Probable Wolffian Origin Emily E. K. Meserve, MD, MPH 540 Serous Borderline Tumor Brooke E. Howitt, MD 542 Serous Carcinoma, Including Serous Tubal Intraepithelial Carcinoma (STIC) Emily E. K. Meserve, MD, MPH 550 Endometrioid Adenocarcinoma Emily E. K. Meserve, MD, MPH 552 STK11 Adnexal Tumor Esther Oliva, MD **SECTION 6: OVARY NONNEOPLASTIC LESIONS** 558 Follicular Cysts Marisa R. Nucci, MD 562 Stromal Hyperplasia and Hyperthecosis C. Blake Gilks, MD, FRCPC 564 Pregnancy Luteoma C. Blake Gilks, MD, FRCPC 566 Hyperreactio Luteinalis C. Blake Gilks, MD, FRCPC 568 Large Solitary Luteinized Follicle Cyst of Pregnancy C. Blake Gilks, MD, FRCPC 570 Torsion Marisa R. Nucci, MD 572 Endometriosis and Deciduosus Marisa R. Nucci, MD 576 Massive Edema and Fibromatosis C.

Blake Gilks, MD, FRCPC 578 Autoimmune Oophoritis C. Blake Gilks, MD, FRCPC 580 Luteinized Thecoma With Sclerosing Peritonitis Marisa R. Nucci, MD EPITHELIAL TUMORS 582 Benign Serous Tumors Marisa R. Nucci, MD and Martin Köbel, MD 586 Serous Borderline Tumor Marisa R. Nucci, MD and Martin Köbel, MD 596 Low-Grade Serous Adenocarcinoma Marisa R. Nucci, MD and Martin Köbel, MD 602 High-Grade Serous Adenocarcinoma Marisa R. Nucci, MD and Martin Köbel, MD 614 Benign Endometrioid Tumors Marisa R. Nucci, MD and Martin Köbel, MD 616 Endometrioid Borderline Tumor Marisa R. Nucci, MD and Martin Köbel, MD 618 Endometrioid Adenocarcinoma Esther Oliva, MD and Martin Köbel, MD 628 Benign Mucinous Tumors Esther Oliva, MD and Martin Köbel, MD 632 Mucinous Borderline Tumor, Intestinal Type Esther Oliva, MD and Martin Köbel, MD 638 Seromucinous Borderline Tumor Esther Oliva, MD and Martin Köbel, MD 642 Mucinous Adenocarcinoma Esther Oliva, MD and Martin Köbel, MD 648 Mucinous Cystic Tumor With Mural Nodules Esther Oliva, MD and Blaise Clarke, MD 654 Clear Cell Borderline Tumor Esther Oliva, MD and Blaise Clarke, MD 656 Clear Cell Carcinoma C. Blake Gilks, MD, FRCPC 664 Benign Brenner Tumor Esther Oliva, MD and Blaise Clarke, MD 668 Borderline Brenner Tumor Marisa R. Nucci, MD 670 Malignant Brenner Tumor Esther Oliva, MD and Blaise Clarke, MD 674 Small Cell Carcinoma, Hypercalcemic Type Marisa R. Nucci, MD 680 Small Cell Carcinoma, Pulmonary Type Esther Oliva, MD 682 Large Cell Neuroendocrine Carcinoma Esther Oliva, MD 684 Hepatoid Carcinoma Esther Oliva, MD 686 Mesonephric-Like Carcinoma Brooke E. Howitt, MD 688 Carcinosarcoma Esther Oliva, MD MIXED EPITHELIAL-STROMAL TUMORS 692 Mesodermal Adenosarcoma Esther Oliva, MD STROMAL AND SEX CORD TUMORS 696 Fibromatous Neoplasms Emily E. K. Meserve, MD, MPH 700 Thecoma Brooke E. Howitt, MD 704 Sclerosing Stromal Tumor Brooke E. Howitt, MD 706 Microcystic Stromal Tumor Esther Oliva, MD 710 Signet-Ring Stromal Tumor Esther Oliva, MD 712 Adult Granulosa Cell Tumor Brooke E. Howitt, MD 718 Juvenile Granulosa Cell Tumor Brooke E. Howitt, MD 722 Sertoli-Leydig Cell Tumor Esther Oliva, MD 730 Sertoli Cell Tumor Esther Oliva, MD 736 Leydig Cell Tumor Emily E. K. Meserve, MD, MPH 740 Stromal Luteoma Emily E. K. Meserve, MD, MPH 742 Steroid Cell Tumor, NOS Emily E. K. Meserve, MD, MPH 744 Sex Cord Tumor With Annular Tubules Brooke E. Howitt, MD 748 Sex Cord-Stromal Tumor, NOS Marisa R. Nucci, MD MESENCHYMAL TUMORS 750 Smooth Muscle Tumors Esther Oliva, MD 752 Low-Grade Endometrioid Stromal Sarcoma Esther Oliva, MD 754 Benign and Malignant Vascular Tumors Esther Oliva, MD GERM CELL TUMORS 758 Mature Cystic Teratoma Esther Oliva, MD 764 Struma Ovarii Esther Oliva, MD 768 Strumal Carcinoid Esther Oliva, MD 770 Carcinoid Tumor (Insular, Trabecular, and Mucinous) Esther Oliva, MD 776 Secondary Tumors in Teratomas Esther Oliva, MD 778 Immature Teratoma Esther Oliva, MD 784 Primitive Neuroectodermal Tumor Esther Oliva, MD 786 Dysgerminoma Esther Oliva, MD 790 Yolk Sac Tumor Esther Oliva, MD 796 Polyembryoma Esther Oliva, MD 798 Nongestational Choriocarcinoma Esther Oliva, MD MIXED GERM CELL-STROMAL TUMORS 800 Gonadoblastoma Esther Oliva, MD 802 Unclassified Mixed Germ Cell/Sex Cord-Stromal Tumor Esther Oliva, MD MISCELLANEOUS PRIMARY TUMORS 804 Malignant Mesothelioma Esther Oliva, MD 806 Melanoma Esther Oliva, MD 808 Lymphomas and Leukemias Esther Oliva, MD METASTATIC/SECONDARY TUMORS 810 Colorectal Carcinoma Esther Oliva, MD 812 Gastric Carcinoma Esther Oliva, MD 818 Appendiceal Tumors Esther Oliva, MD 822 Pancreaticobiliary Adenocarcinoma Brooke E. Howitt, MD 824 Lung Carcinoma Esther Oliva, MD 826 Cervical Carcinoma Brooke E. Howitt, MD 828 Uterine Corpus Carcinoma Emily E. K. Meserve, MD, MPH 830 Breast Carcinoma Esther Oliva, MD 834 Melanoma Esther Oliva, MD 836 Involvement by Gastrointestinal Stromal Tumor Esther Oliva, MD **SECTION 7: PERITONEUM NONNEOPLASTIC LESIONS** 840 Benign Müllerian Lesions C. Blake Gilks, MD, FRCPC 846

Florid Mesothelial Hyperplasia C. Blake Gilks, MD, FRCPC 850 Peritoneal Inclusion Cysts C. Blake Gilks, MD, FRCPC EPITHELIAL TUMORS 852 Serous Borderline Tumor C. Blake Gilks, MD, FRCPC 854 Serous Carcinoma C. Blake Gilks, MD, FRCPC 860 Well-Differentiated Papillary Mesothelial Tumor Esther Oliva, MD 862 Malignant Mesothelioma Esther Oliva, MD 868 Pseudomyxoma Peritonei Emily E. K. Meserve, MD, MPH MESENCHYMAL TUMORS 872 Solitary Fibrous Tumor Esther Oliva, MD 876 Disseminated Peritoneal Leiomyomatosis Esther Oliva, MD 878 Extragastrointestinal Stromal Tumor Emily E. K. Meserve, MD, MPH 884 Intraabdominal Desmoplastic Small Round Cell Tumor Brooke E. Howitt, MD