

Χαρακτηριστικά:

- Helps physicians **recognize syndromes and syndrome-associated neoplasms** and advise treating physicians, patients, and their families on the possibility of a familial syndrome and their risk of developing other tumors
- Addresses a **wide range of inherited tumor syndromes** to increase understanding of the gross and histologic features of syndromic-associated neoplasms as well as associated manifestations
- **Part I** includes nearly 100 detailed chapters describing diagnoses by organ and system associated with familial cancer syndromes; **Part II** contains more than 80 chapters with detailed descriptions of major inherited syndromes (cross-referenced with diagnoses); and **Part III** features an updated Molecular Factors Index that includes a complete description of each known gene associated with a familial cancer syndrome
- Includes **substantial updates throughout**, with more than a dozen new chapters, new images and references, updated guidelines and classifications based on the 2025 WHO *Classification of Tumours: Genetic Tumour Syndromes*, details on the newest familial cancer syndromes, and more
- Contains **hundreds of tables** organized by body part and/or organ system that include selected existing genetic and familial cancers and identified associated genes, clinical features, recognized manifestations, and staging images/microscopic examples
- Features **nearly 2,300 print and online images**, including clinical and radiologic images, algorithms, graphics, gross pathology and histology images, and a wide range of special and immunohistochemical stains and molecular markers?all carefully annotated to highlight the most diagnostically significant factors
- Employs consistently templated chapters, bulleted content, key facts, annotated images, and an extensive index for **quick, expert reference** at the point of care
- **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; additional digital ancillary content may publish up to 6 weeks following the publication date

Περιεχόμενα:

PART I: DIAGNOSES ASSOCIATED WITH SYNDROMES BY ORGAN

Section 1: Blood and Bone Marrow

Acute Lymphoblastic Leukemia and Non-Hodgkin Lymphoma

Blood and Bone Marrow Table

Section 2: Bone and Soft Tissue

Chondrosarcoma

Chordoma

Malignant Peripheral Nerve Sheath Tumor
Osteosarcoma
Rhabdomyosarcoma
Schwannoma
Bone and Soft Tissue Table

Section 3: Breast

Breast Carcinoma
Breast Table

Section 4: Endocrine

ADRENAL CORTEX

Adrenal Cortical Adenoma
Adrenal Cortical Carcinoma
Adrenal Cortical Neoplasms in Children
Adrenocortical Hyperplasia and Adrenocortical
Nodular Disease
Primary Pigmented Nodular Adrenocortical Disease
Adrenal Cortex Table

ADRENAL MEDULLA AND PARAGANGLIA

Adrenal Medullary Hyperplasia
Pheochromocytoma and Paraganglioma
Neuroblastic Tumors of Adrenal Gland
Adrenal Medulla and Paraganglia Table

PANCREAS

Pancreatic Neuroendocrine Neoplasms
Endocrine Pancreas Table

PARATHYROID

Atypical Parathyroid Tumor
Parathyroid Adenoma
Parathyroid Carcinoma
Primary Multiglandular Parathyroid Disease
Parathyroid Table

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Pituitary Blastoma
Pituitary Neuroendocrine Tumor/Pituitary Adenoma (PitNET)
Pituitary Table

THYROID, MEDULLARY

C-Cell Hyperplasia
Medullary Thyroid Carcinoma
Thyroid, Medullary Carcinoma Table

THYROID, NONMEDULLARY

Thyroid Follicular Nodular Disease
Follicular Thyroid Adenoma With Papillary Architecture

Thyroblastoma
Kinase Fusion-Related Thyroid Carcinomas
Nonsyndromic Familial Follicular Cell-Derived Thyroid Carcinoma
Syndromic Familial Follicular Cell-Derived Thyroid Carcinoma
Cribriform Morular Thyroid Carcinoma
Follicular Cell-Derived Thyroid Carcinoma, High Grade
Follicular Thyroid Carcinoma
Thyroid, Nonmedullary Carcinoma Table

Section 5: Gastrointestinal

HEPATOBIILIARY AND PANCREAS

Hepatoblastoma
Hepatocellular Carcinoma
Pancreatic Adenocarcinoma

TUBULAR GUT

Colonic Adenomas
Esophageal Adenocarcinoma
Esophageal Squamous Cell Carcinoma
Gastric Adenocarcinoma
Gastrointestinal Stromal Tumor
Hamartomatous Polyposis Syndromes
Small Bowel Adenocarcinoma
Colon/Rectum Table
Esophagus/Stomach/Small Bowel Table

Section 6: Genitourinary

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Bladder Urothelial Carcinoma
Bladder Table

KIDNEY

Angiomyolipoma
Clear Cell Renal Cell Carcinoma
Cystic Nephroma
Papillary Renal Cell Carcinoma
Renal Oncocytoma, Chromophobe, and Hybrid Tumors
Succinate Dehydrogenase-Deficient Renal Cell Carcinoma
Wilms Tumor
Kidney Table

PROSTATE

Prostate Carcinoma
Prostate Table

RENAL PELVIS AND URETER

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Ureter Urothelial Carcinoma

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Sertoli Cell Neoplasms

Testicle Table

Section 7: Gynecology

Cervical Carcinoma

Fallopian Tube Carcinoma

Ovarian Tumors

Endometrial Carcinoma

Gynecologic Tumors

Section 8: Head and Neck

Endolymphatic Sac Tumor

Head and Neck Squamous Cell Carcinoma

Head and Neck Table

Salivary Glands Table

Section 9: Nervous System

Central Nervous System Table

Eye Table

Peripheral Nervous System Table

Section 10: Pulmonary

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Adenocarcinoma With Lepidic (Bronchioloalveolar) Predominant Pattern

Lymphangioleiomyomatosis

Neuroendocrine Tumor, Lung

Pleuropulmonary Blastoma

Lung Table

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Cutaneous Squamous Cell Carcinoma

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PART II: OVERVIEW OF SYNDROMES

Section 1: Introduction

Pathology of Familial Tumor Syndromes

Clinical Diagnosis and Management of Familial/Hereditary Tumor Syndromes

Molecular Aspects of Familial/Hereditary Tumor Syndromes

Section 2: Syndromes

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BAP1 Tumor Predisposition Syndrome

Basal Cell Nevus Syndrome/Gorlin Syndrome

Beckwith-Wiedemann Syndrome

Birt-Hogg-Dubé Syndrome

Bloom Syndrome

Breast/Ovarian Cancer Syndrome: BRCA1

Breast/Ovarian Cancer Syndrome: BRCA2

Brooke-Spiegler Syndrome

Carney Complex

Colonic Carcinoma Syndromes

Costello Syndrome

Denys-Drash Syndrome

Diamond-Blackfan Anemia

DICER1 Syndrome

Down Syndrome

Dyskeratosis Congenita

Epidermodysplasia Verruciformis

Hematologic Neoplasm With Germline Predisposition

Familial Adenomatous Polyposis

Familial Cancer Syndromes in Colorectal Carcinoma

Familial Chordoma

Familial Gastrointestinal Stromal Tumor

Familial and Hereditary Papillary Renal Cell Carcinoma

Familial and Hereditary Prostate Cancer

Familial Infantile Myofibromatosis

Familial Isolated Hyperparathyroidism

Familial Thyroid Carcinoma

Familial Pheochromocytoma and Paraganglioma Syndrome

Familial Testicular Tumor

Familial Uveal Melanoma

Familial Wilms Tumor

Fanconi Anemia

Glucagon Cell Hyperplasia and Neoplasia

Hereditary Gastric and Breast Cancer Syndrome

Hereditary Leiomyomatosis and Renal Cell Carcinoma Syndrome

Hereditary Mixed Polyposis Syndrome

Hereditary Neuroblastoma

Hereditary Pancreatic Cancer Syndrome

Hereditary Paraganglioma/Pheochromocytoma Syndromes

Hereditary Renal Epithelial Tumors, Others

Hereditary Retinoblastoma
Hereditary SWI/SNF Complex Deficiency Syndromes
HLRCC Syndrome-Associated Renal Cell Carcinoma
Howel-Evans Syndrome/Keratosis Palmares and Plantares With Esophageal Cancer
Hyperparathyroidism-Jaw Tumor Syndrome
Juvenile Polyposis Syndrome
Li-Fraumeni Syndrome
Lynch Syndrome (Hereditary Nonpolyposis Colorectal Cancer Syndrome)
MAFA-Related Familial Insulinomatosis
McCune-Albright Syndrome
Melanoma/Pancreatic Carcinoma Syndrome
Multiple Endocrine Neoplasia Type 1 (MEN1)
Multiple Endocrine Neoplasia Type 2 (MEN2)
Multiple Endocrine Neoplasia Type 4 (MEN4)
Multiple Endocrine Neoplasia Type 5, MAX-Related
Multiple Osteochondromas
MUTYH-Associated Polyposis
Neurofibromatosis Type 1
NF2-Related Schwannomatosis
Nijmegen Breakage Syndrome
Pancreatic Neuroendocrine Tumor Syndromes
Hamartomatous Polyps, Peutz-Jeghers Syndrome
PTEN-Hamartoma Tumor Syndromes
PTEN-Hamartoma Tumor Syndrome: Gastrointestinal Involvement
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Rhabdoid Predisposition Syndrome
Schwannomatosis
Serrated Polyposis
Shwachman-Diamond Syndrome
Steatocystoma Multiplex
Tuberous Sclerosis Complex
Tumor Syndromes Predisposing to Osteosarcoma
von Hippel-Lindau Syndrome
Werner Syndrome/Progeria
Wilms Tumor-Associated Syndromes
Wiskott-Aldrich Syndrome
Xeroderma Pigmentosum

PART III: REFERENCE

Section 1: Molecular Factors

Molecular Factors Index