This high-yield reference book focuses on the clinical, technical, and pathological aspects of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA). Its reviews cover all aspects of EBUS-TBNA, including the clinical perspective, technical aspects of the procedure, and cytomorphology of common and uncommon entities, as well as highlights diagnostic challenges. Each chapter features a multitude of full-color high-resolution images and includes key references to the current literature in the field. Additionally, reference tables and informative figures highlight the salient points. The book is unique in that it is written by experienced thoracic surgeons, pulmonary medicine physicians, and cytopathologists who use EBUS-TBNA in a large medical center.

This publication is of interest to individuals learning and practicing cytopathology, in addition to clinicians practicing pulmonary/thoracic medicine or surgery. In short, it provides important pearls of wisdom to create a comprehensive reference for all physicians involved with EBUS-TBNA.

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Human papillomaviruses (HPV) are a heterogeneous and still growing virus family. Topical research results on the replication cycle and carcinogenic mechanisms allow a better understanding of current prevention strategies. Written by leading experts, this volume of Monographs in Virology provides up-to-date information on the prevention of papillomavirus-induced cancers by prophylactic antiviral vaccines and early detection of precancerous lesions.

A major section covers the tremendous clinical burden due to HPV infections: genital warts and laryngeal papillomas, the most notorious cervical cancer, but also further anogenital and tonsillar cancer, the incidence of which increased steeply during the last decades. Additionally, a section on prevention addresses the subject cytology – new concepts of biomarker development, detection of HPV DNA and RNA as well as their use in primary screening for early detection of precancerous lesions. Finally the book closes with a topical discussion of the most intriguing primary prevention of HPV infection by vaccination.

As new perspectives for the prevention of HPV-related neoplasia raised great public interest, this book will be of value to clinicians and practitioners in gynecology, dermatology, urology and ENT, to pathologists, laboratory physicians, medical students, and public health authorities.

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Acta Cytologica is a bimonthly published journal that aims to cover all aspects within the area of both clinical cytology and cytopathology. It furthers the understanding of cytodiagnostic processes and facilitates the translation of current research into clinical practice. As the official journal of the International Academy of Cytology and affiliated to over 50 cytology societies around the world, Acta Cytologica evaluates new and existing diagnostic applications of scientific advances as well as their clinical correlation. The journal features Original Papers (Fine Needle Aspiration, Gynecologic Cytopathology, Nongynecologic Cytopathology, Techniques, Molecular Techniques), Novel Insights from Clinical Practice (formerly Case Reports), Letters to the Editor and Reviews. Criteria for acceptance are quality, originality, and clarity. Acta Cytologica will not consider papers that are either preliminary or purely descriptive. Reports on clinical cases are accepted only if they provide novel insight into unresolved problems of cytology and cytopathology. All articles are subject to editorial review.

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Cover illustration
Renal carcinoma associated with Xp11.2 translocations/TFE3 gene fusions seen in catheterized urine specimen. Cells with abundant clear or eosinophilic granular cytoplasm, large round nuclei and prominent nucleoli are arranged in clusters or papillary groups containing thin fibrous stalks. From Kuwamoto et al., pp. 406–412.