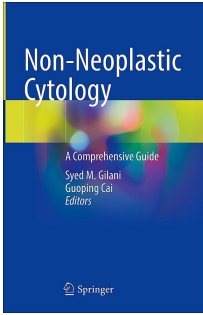


**NON-NEOPLASTIC CYTOLOGY, A comprehensive guide**

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**DESCRIPTION:**

Cytology evaluates cellular details, and in contrast, histology relates to tissue assessment with rather preserved architecture. During daily cytology practice, we frequently encounter certain situations which are often challenging such as differentiating normal cytology components or non-neoplastic lesions from a neoplastic process, abnormality versus artifact, contaminants from lesional sampling, immunostain expression in unexpected cells, identifying/or characterizing infectious microorganisms and use of special stains. In-depth knowledge about normal tissue cytology, the pattern of immunohistochemical expression in various organs, and recognizing diagnostic pitfalls would help to overcome diagnostically challenging situations.

This book presents a detailed and state-of-the-art approach to non-neoplastic cytology. High-yield content, mostly used in daily practice, is in tabular format. The book provides detailed information about cytomorphologic features of infectious microorganisms and the use of special stains, the use of immunohistochemistry along with expression in normal cell types, artifacts/contaminants or incidental findings, and cytomorphologic features of non-tumor related lesions in an organ-based structure. There is a further elaboration of differential diagnosis and mimickers of cytologic material from normal parenchymal tissue, infectious/inflammatory conditions, and benign cystic lesions. The last chapter describes a quick overview of important reference material in tables, which is useful for daily anatomic pathology sign-out. Non-Neoplastic Cytology: A Comprehensive Guide provides practical information about non-neoplastic cytology in one concise format using tables and images. It aims to be a practical resource for cytotechnologists, pathologists, pathology residents, and fellows.

**CONTENTS:**

Cytology Specimen Collection, Preparation, and Stains  
Urinary Tract Cytology  
Cervical and Vaginal Cytology  
Peritoneal Washings and Ovary  
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Thyroid Gland  
Neck Lesions  
Lymph Node  
Breast  
Respiratory Tract  
Gastrointestinal Tract  
Pancreas  
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Kidney and Adrenal Gland  
Soft Tissue  
Bone  
Brain and Cerebrospinal Fluid  
Quick Review