1. Record Nr. UNINA9910746954603321 Autore Tse Gary Titolo Fine Needle Aspiration Cytology of the Breast: Atlas of Cyto-Histologic Correlates / / edited by Gary Tse, Puay-Hoon Tan, Fernando Schmitt Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2023 **ISBN** 3-031-26900-4 Edizione [2nd ed. 2023.] Descrizione fisica 1 online resource (187 pages) Altri autori (Persone) TanPuay-Hoon SchmittFernando Disciplina 618, 190758 Soggetti Pathology Oncology Gynecology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Anatomy and Physiology of the Breast -- Basic Histopathology of Breast Lesions -- Aspiration Techniques -- Liquid-Based Cytology and Cell Block in Breast Lesions -- Cytolologic classification and reporting systems -- Inflammatory Lesions of the Breast -- Fibrocystic Changes and Cysts -- Fibroadenoma -- Other Fibroepithelial Lesions --Cytology of Epithelial Proliferative Lesions and High-Grade Ductal Carcinoma In Situ -- Papillary Lesions of the Breast -- Mucinous Lesions -- Carcinoma and Variants -- other uncommon lesions --Assessment of Axillary Nodes -- Special Ancillary Techniques: Immunohistochemistry -- Molecular Studies and novel modalities --Comparison of Aspiration and Core Needle Biopsy -- Future Directions. Sommario/riassunto This book provides a detailed update on all aspects of fine-needle aspiration cytology of breast lesions. It will serve as an up-to-date reference and atlas on new entities in breast pathology, including classic benign and malignant lesions, in accordance with current classification schemes and staging protocols. Emphasis is placed on description of characteristic diagnostic features as well as common cytological pitfalls. Correlation of cytology with histology is achieved through cyto-histological illustrations, enabling readers to gain a good

understanding of the morphologic features of various lesions. Core-

needle biopsy and fine-needle aspiration cytology are compared in depth, with attention to their relative strengths and weaknesses and indications. In addition, the impact of molecular classification of breast cancers on cytologic diagnosis is explored, and the use of molecular techniques and artificial intelligence in diagnostic cytology is discussed.