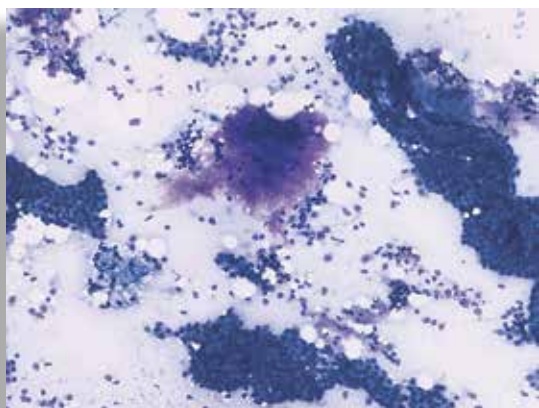


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The Journal of Clinical Cytology and Cytopathology

The International Academy of Cytology Yokohama System for Reporting Breast Fine Needle Aspiration Biopsy Cytopathology



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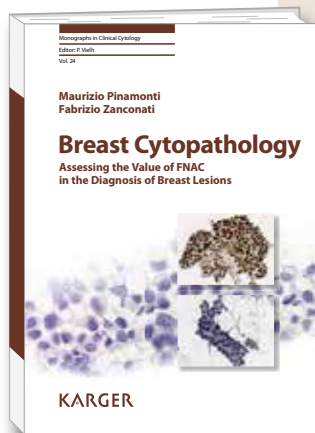
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Breast Cytopathology

Assessing the Value of FNAC
in the Diagnosis of Breast Lesions

Pinamonti, M.; Zanconati, F. (Trieste)
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Breast cytopathology is a field characterized by practicality and diagnostic efficacy. This book focuses mainly on morphology, with helpful hints for recognizing benign lesions and the main features of malignancy. It reviews specific features of various lesions and the consequences of the diagnosis for the management of the patient.

Each chapter contains high-quality cytology images accompanying the descriptions, including comparison images to distinguish the most important morphological features and to help in the differential diagnosis. Fine needle aspiration cytology (FNAC) sampling and preparation technique, fixation, staining, and principles of its interpretation are covered. Immunocytochemistry and ancillary techniques are outlined, as well as the main clinical and radiological features of breast lesions, and the cytological diagnostics of axillary lymph nodes.

This publication will be of great use to medical practitioners in their first approach to breast cytopathology, as well as to pathologists and cytotechnicians with little to moderate experience in the field.

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With articles offering an excellent balance between clinical cytology and cytopathology, *Acta Cytologica* fosters the understanding of the pathogenetic mechanisms behind cytomorphology and thus facilitates the translation of frontline research into clinical practice. As the official journal of the International Academy of Cytology and affiliated to over 50 national cytology societies around the world, *Acta Cytologica* evaluates new and existing diagnostic applications of scientific advances as well as their clinical correlations. Original papers, review articles, meta-analyses, novel insights from clinical practice, and letters to the editor cover topics from diagnostic cytopathology, gynecologic and non-gynecologic cytopathology to fine needle aspiration, molecular techniques and their diagnostic applications. As the perfect reference for practical use, *Acta Cytologica* addresses a multidisciplinary audience practicing clinical cytopathology, cell biology, oncology, interventional radiology, otorhinolaryngology, gastroenterology, urology, pulmonology and preventive medicine.

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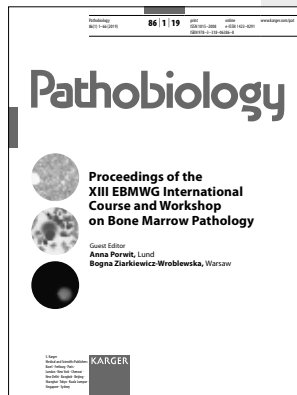
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Proceedings of the XIII EBMWG International Course and Workshop on Bone Marrow Pathology

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The World Health Organization recently updated the "Classification of Haematological Malignancies, ed. 4". The new version emphasizes the importance of integrated diagnostics for both myeloid and lymphoid malignancies. It calls for a combination of clinical data, morphology, immunophenotyping, cytogenetics, and molecular data to be used when making a final diagnosis. This update was the topic of the XXIII European Bone Marrow Working Group International Course and Workshop on Bone Marrow Pathology held in 2017.

The workshop invited cases of reactive cytopenia and dysplasia, clonal hematopoiesis of indeterminate potential, idiopathic cytopenia of undetermined significance, idiopathic dysplasia of undetermined significance, and overt myelodysplastic syndromes. This special issue of Pathobiology summarizes these cases and provides expert reviews of the overarching topics.

Hematopathologists and hematologists – whether in training or specialists in the field – will find this collection of articles covering the hematopathological diagnostics of myelodysplastic syndromes and related conditions issue helpful and informative.

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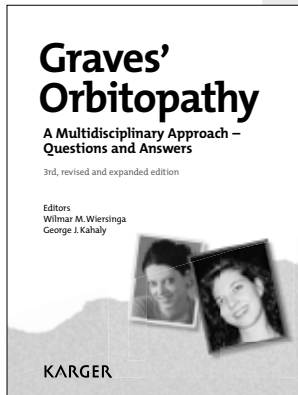
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Graves' Orbitopathy

A Multidisciplinary Approach –
Questions and Answers

3rd, revised and expanded edition

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Graves' Orbitopathy

A Multidisciplinary Approach –
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Ten years ago, the first edition of *Graves' Orbitopathy: A Multidisciplinary Approach* was published. Since then, the book has become very popular and much has happened in the field to warrant a third edition. What has not changed is the successful and attractive question-and-answer format of the book.

In the 3rd, revised and expanded edition, new chapters have been added on co-morbidity, local treatment modalities, novel immunosuppressive therapy, detailed protocols, and questions frequently asked by patients. All chapters of the previous edition have been thoroughly updated. Subjects covered then include the pathology of Graves' Orbitopathy (GO) and the controversial views on its pathogenesis; assessment of changes using reliable measuring techniques; medical management of GO including established and alternative treatment options; technical explanations and illustrations of various surgical procedures; and finally, the molecular, immunologic, and clinical aspects of this complex disorder. Additionally, ample consideration is given to the new 2016 ETA/EUGOGO guidelines on the management of GO.

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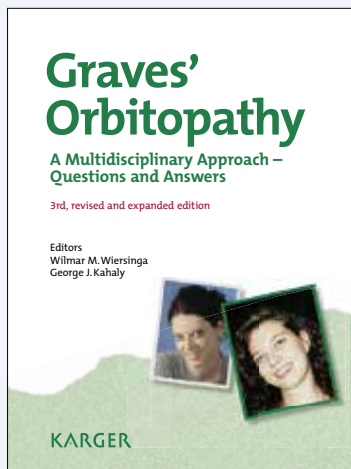
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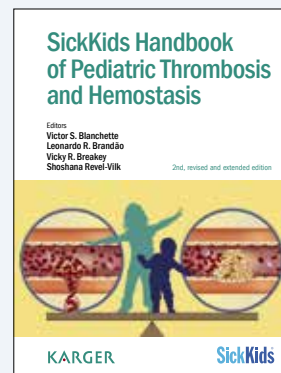
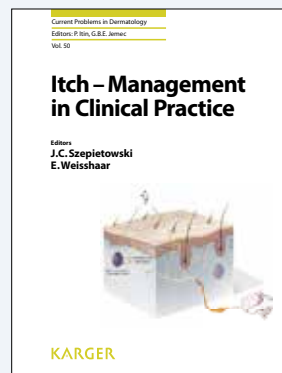
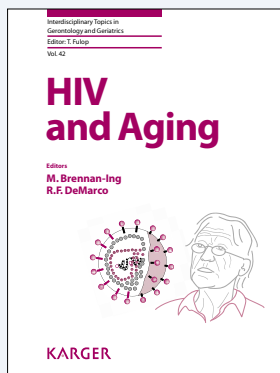
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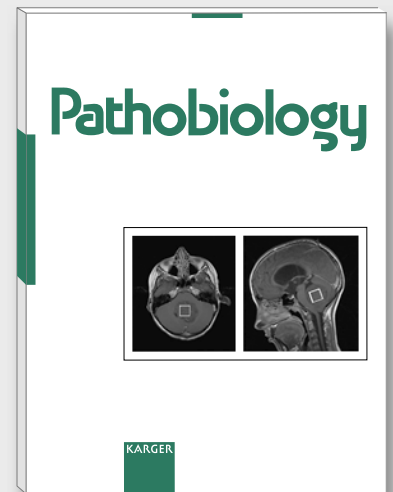
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The International Academy of Cytology Yokohama System for Reporting Breast Fine Needle Aspiration Biopsy Cytopathology

When examining breast lesions, physicians are frequently confronted with the choice of whether to perform a biopsy using fine needle aspiration (FNAB) or a core needle (CNB). Recently, CNB has become a more popular choice, as it is viewed as more likely to lead to a clear diagnosis. However, to a large extent this assumption rests on studies performed before ultrasound-guided FNAB and the use of rapid on site evaluation. Moreover, CNB is more invasive, expensive and less comfortable for the patient.

This issue of *Acta Cytologica* contains a condensation of the International Academy of Cytology's Yokohama System for Reporting Breast FNA Biopsy Cytopathology. It has been developed by a core group of cytopathologists and clinicians with considerable expertise and interest in reporting FNAB cytopathology.

We believe these guidelines will stimulate the appropriate use of breast FNAB, improve the reporting of breast FNAB, facilitate the communication between the cytopathologist and the clinical management team, and promote further research into breast disease utilizing FNAB to advance patient care.

This publication is essential reading for not only pathologists, but for the whole clinical management team dealing with breast lesions, including malignancies.

Cover illustration

Fibroadenoma: hyperplastic ductal epithelial tissue fragments, an irregular fragment of myxoid stroma and bare bipolar nuclei with some dispersed cells in the background. From Field et al., pp. 257–273.