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## Book Review: Guides to Clinical Aspiration Biopsy: Thyroid

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## Guides to Clinical Aspiration Biopsy: Thyroid

By Sudha R. Kini, MD. 368 pp, illustrated. New York, Tokyo: Igaku-Shoin Medical Publishers, Inc, 1987. \$59.50.

Third in a series on Clinical Aspiration Guides edited by Tilde S. Kline, MD, this volume was written by the internationally recognized authority on thyroid cytopathology, Sudha Kini, MD, with contributions by J. Martin Miller, MD, and M. Jane Smith-Purslow BS, CT(ASCP) CMIAC. In previous publications with Dr. Miller and Dr. Joel Hamburger, Dr. Kini has advanced the evolution of thyroid needle aspiration as the primary diagnostic tool in the management of thyroid nodules. After reiteration of the clinical groundwork, this new book is devoted almost entirely to the interpretation of cytologic specimens. It encompasses experience with over 4,500 aspiration biopsies which are correlated with clinical findings and the eventual diagnosis after surgical excision. Although written primarily for pathologists and cytotechnologists, this guide should become required reading for anyone involved in needle aspiration of the thyroid. Its broad scope of topics includes lucid description of the limits of the aspiration technique as well as the pitfalls in cytopathologic interpretation.

Dr. Kini believes that the Papanicolaou staining technique, which is very familiar to American cytopathologists, is the best method for demonstrating cellular morphology in needle aspirates. Accordingly, this book relies totally on the Papanicolaou

technique and is a unique reference work. Pathologic entities described include nodular goiter, follicular adenoma and carcinoma, anaplastic carcinoma, medullary thyroid carcinoma, metastatic lesions, thyroiditis, and cysts. The chapter on basic concepts of thyroid cytopathology enables the reader with the two-dimensional, slide specimen to visualize the three-dimensional configuration of the specimen. Such conceptualization is key to the evaluation of needle aspirations of the thyroid.

Complete, detailed descriptions accompany the photomicrographs which illustrate morphologic details. Key cytologic features, unusual cytopathologic patterns, and diagnostic pitfalls for various entities are summarized in tables. This feature makes the book particularly useful for those beginning to learn the technique as well as for those more experienced to use as a review.

The work is a definitive guide to the cytopathology of thyroid aspiration biopsy.

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