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The Bethesda system for reporting thyroid cytopathology and correlation with histopathological diagnosis

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Abstract

The Bethesda system is a uniform reporting system for thyroid cytology that facilitates the clarity of communication among cytopathologists, radiologists and surgeons facilitating cytohistologic correlation for thyroid diseases. The aim of the study was to determine the correlation between the results of thyroid fine needle aspirations (FNAs) interpreted using the Bethesda system and final histopathological reports for neoplastic and non-neoplastic lesions. A retrospective study was performed to compare the cytology and histopathology results for patients with thyroid swelling/nodules in JSS Hospital, Mysuru. The final correlation of diagnoses between the two methods is reported.

Reviewing the thyroid FNAs with the Bethesda system for reporting allows precise cytological diagnosis. It represents standardization and reproducibility in reporting thyroid cytology. Nature of the disease, experience of cytohistopathologists, and understanding of certain limitations determine its diagnostic utility.

Biography

Indrakshi Basak has completed her MBBS from KPC medical college & hospital, kolkata, west bengal, India. She is currently pursuing M.D. Pathology in JSS medical college, a constituent of JSS AHER, mysuru, karnataka, India.



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