

Utility of Transthoracic Fine Needle Aspiration Cytology in Diagnosis of Pulmonary Lesions

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Abstract

The combination of Fine Needle Aspiration Cytology (FNAC) with radioimaging has revolutionized diagnosis of lung masses. The present study was carried out to assess diagnostic utility of Transthoracic FNAC in lung lesions. The present study comprises 73 patients undergoing the procedure under Computed Tomography (CT) guidance in 57 cases and under Ultrasonography (USG) in 16 cases. With a high sensitivity (95.65%), high specificity (100%) high NPV (83.33%) and high PPV (100%), Transthoracic FNAC is advocated as being highly accurate diagnostic modality.