RESEARCH ACTIVITIES
YASHODA HOSPITALS, HITEC CITY

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DEPARTMENT OF CLINICAL & INTERVENTIONAL PULMONOLOGY

Endobronchial Ultrasound-guided Mediastinal Lymph Nodal Cryobiopsy in Patients With Nondiagnostic/Inadequate Rapid On-site Evaluation

A New Step in the Diagnostic Algorithm

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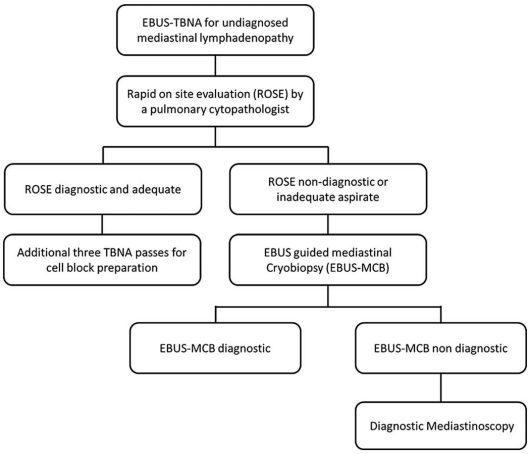
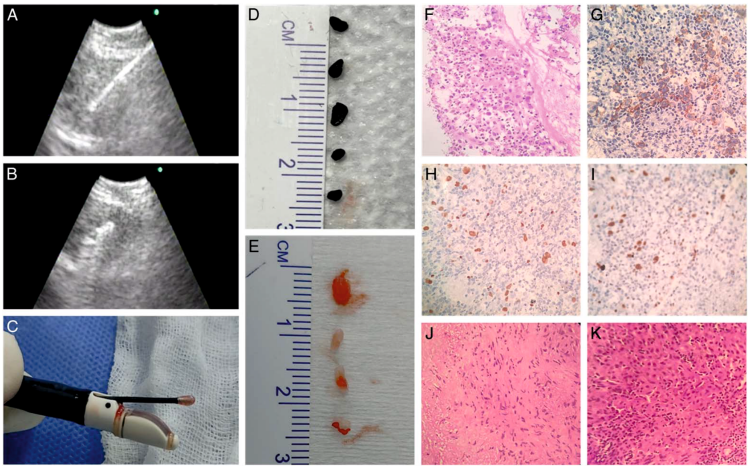
CONCLUSIONS

EBUS-MCB is a novel technique for performing biopsy from mediastinal lymph nodes. When performed in cases with a nondiagnostic ROSE, it has a diagnostic yield of 59.3% and an additive diagnostic yield of 43.7%. The tissue obtained by EBUS-MCB is adequate for ancillary molecular and microbiologic studies. EBUSMCB also has an acceptable safety profile, with the most common complication being minor selflimiting bleed in 29% cases. We propose EBUSMCB in patients with an inconclusive ROSE as an additional step in the diagnostic algorithm of patients undergoing EBUS-TBNA. Larger studies are, however, needed before EBUS-MCB can be incorporated in the diagnostic algorithm for the evaluation of mediastinal lesions.