

Cross-Sectional Retrospective Study on Clinicocytologic Characterization of Lymphadenopathy In Ayder Comprehensive Specialized Hospital

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ABSTRACT

Lymphadenopathy is an abnormal increase in size and /or altered consistency of lymph nodes. Tuberculosis is the commonest cause of lymphadenopathy in developing countries like Ethiopia. Fine-needle aspiration cytology (FNAC) is one of the diagnostic methods in pathology and used as a tool to obtain cells for the morphological diagnosis of numerous lesions. This study was undertaken to evaluate the clinicocytologic characteristics of peripheral lymphadenopathies. All 1500 cases were retrieved from the Ayder comprehensive teaching hospital record retrospectively from the patients who had presented with superficial lymphadenopathy from January 2017 to June 2018. A total of 1500 lymph nodes were aspirated. Male and female accounts 53.1% and 46.9%, respectively. Cervical lymphadenopathy was the most frequent (52%). Most of tuberculosis cases have similar cytologic and clinical diagnosis (87%) but from Secondary tumors only 35% have similar clinical diagnosis and only 5% of Hodgkin's lymphoma cases are correctly diagnosed clinically.

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1. Susceptibility patterns of Escherichia coli: Prevalence of multidrug-resistant isolates and extended spectrum beta-Lactamase phenotype
2. Morphological pattern and frequency of thyroid tumors
3. Clinico-morphological pattern of intracranial tumors in children
4. Clinico-morphological pattern and frequency of bone cancer

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