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Evaluation of peripheral lymphadenopathy in adults

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Pathological involvement of the lymph nodes is a clinical problem, often encountered in various fields of medicine. The cause of peripheral lymphadenopathy is a significant number of benign and malignant processes, which appear in different forms at different ages. The purpose of the study is to evaluate the epidemiological and clinical characteristics of lymph node pathologies.

Material and method: This is a cross-sectional study including 132 patients who presented to the “Mother Teresa” University Hospital Center in Tirana, Albania with peripheral lymphadenopathy during the period March 2017 - March 2019. Epidemiological and clinical data of patients were collected.

Results: Of the 132 patients, 57 (43.2%) had hematological diseases, 45 (34.1%) infectious diseases and 30 (22.7%) patients had breast cancer. The mean age of all patients is 50.7 (± 18.6) years with a range of 14 to 87 years. 50% of patients are men and 50% are women. In hematological diseases, the diagnosis of LLC prevails in 49.1% of patients. Of the infectious diseases, the diagnosis of retrovirolosis prevails in 16 (35.6%) patients, followed by mononucleosis in 12 (26.7%) patients and brucellosis in 6 (13.3%) patients. T2N1M0 stage patients predominate in 36.7% of cases, followed by T2N2M0 stage in 20% of cases. In relation to adenopathy, the predominant ones are: cervical adenopathy (75.4%) and axillary adenopathy (64.9%), followed by femoro-inguinal adenopathy (35.1%), and abdominal adenopathy (10.5%). Hepatomegaly was found in (43.9%) patients while splenomegaly in (42.1%) patients. Most adenopathies (71%) were bilateral.

Biography

I am a medical doctor, Infectious diseases specialist from Tirana, Albania. I have graduated on 1992 from the Faculty of Medicine, University of Tirana, Albania. Afterwards I was specialized for four years in infectious diseases and work at the Service of Infectious Diseases at the University Hospital centre “Mother Teresa” in Tirana.

Currently I am doing Phd in infectious diseases from Tirana University, in Tirana - Albania.

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