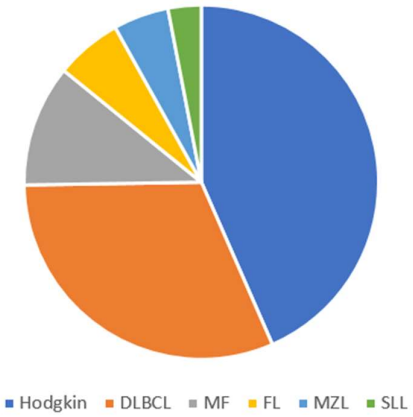
EuroSciCon
18th International Conference on
Pathology & Cancer Epidemiology
Pathology 2019
October 21-22, 2019 | Rome, Italy



Title: Epidemiology of lymphoma subtypes in Jordan: a multi-institutional study over an 8-year period

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Jordan in a Middle Eastern country with a total population of ten millions in 2018. According to the National Cancer Registry, lymphoma is the third most common cancer in Jordan. In the last released report, there were 390 newly diagnosed cases of lymphoma in 2015, which constituted 7% of all cancer cases. Yet, the frequency of subtypes of lymphoma has not been studied in a large national scale. In this study, we retrospectively reviewed data from six large referring histopathology centers between 2011 and 2018. Cases with the diagnosis of lymphoma were segregated according to the 2016-WHO Classification. We did not include lymphoid leukemia or myeloma diagnoses. A total of 2,494 cases were collected. The most common lymphoma was Hodgkin lymphoma, constituting 34% of all lymphomas, followed by diffuse large B-cell lymphoma, 31% of all cases and 47% of non-Hodgkin lymphoma. Next, mycosis fungoides, follicular lymphoma and marginal zone lymphoma, were most common in order, representing 8%, 5% and 4% of all cases and 15%, 8% and 6% of non-Hodgkin lymphoma, respectively. Among non-Hodgkin lymphoma, 80% were B-cell and 20% were T-cell neoplasms. Our results show a significant epidemiologic difference from the West, most notably for Hodgkin lymphoma and mycosis fungoides, where they represented only 8% and 1% of all lymphoma in USA. The differences in genetic background and environmental factors could explain the epidemiologic variation.



Biography

Dr. Tariq N Aladily completed M.B.B.S degree in medicine from the University of Jordan in 2004. He then finished residency in surgical pathology and earned the higher degree of specialization in pathology from the University of Jordan in 2010. Next, he was a fellow in hematopathology at M.D. Anderson Cancer Center, Texas, USA between 2011-2013. Currently, he is an assitant professor at the University of Jordan and practice in surgical and hematopathology services. He published over 20 articles in peer reviewed international journals.

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Category: (Oral presentation)
Session name: Hematopathology
Research interest: lymphoma, leukemia