Hodgkin lymphoma in Tripoli university hospital Libya

Mouna Grain *MD* [1 2 3]
Amel Almuquddami *MD* [3]
Manal Elhbash *MD* [1 2]
Afaf Abushaalah *MD* [1 2 3]
Mohamed Grain *MD* [1]

[1] Tripoli university hospital
[2] University of tripoli faculty of medicine
[3] Tripoli cancer center

Background

Hodgkin lymphoma is rare type of lymphoid malignancy, which characterized by presence at multi-nucleated Reed-Sternberg cell and commonly found in cervical lymph nodes, Hodgkin lymphoma has many sub-types. Classical and non-classical.

Aim

We aimed to assess histopathological features and clinical staging at Tripoli University Hospital, Libya.

Method

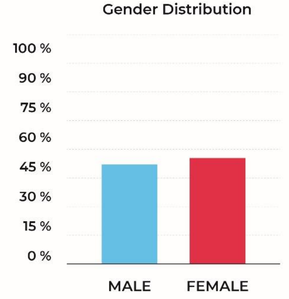
We conducted retrospective study at Tripoli University Hospital, Hematology & Oncology Clinic (Tripoli, Libya). Data were retrieved from patient Files that were registered between Jan 2005 – Dec 2015. Total patient number was 146 and 4 patients were excluded due to lack of the data in their files.

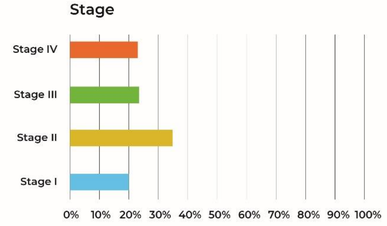
Result

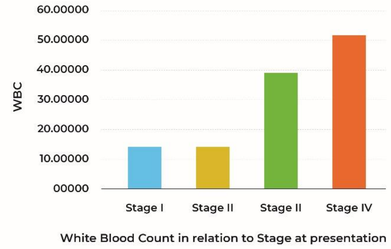
Median age was 29 year age (15-80 years); 51.7% were female and stage II accounting for 34%; most common sites of lymph node involvement were cervical (81.1 %) followed by axillary (41.3%), while stage IV accounted for 22.7%; most common organ involved was lung (65%) of stage IV patient and bone marrow infiltration was 4%. Furthermore, B symptoms were reported in 59% of patient. Most common histopathological type was nodular sclerosis with 58% and most of patient live in Tripoli (85%).
CBC abnormalities were found to correlate with high-risk and advanced stage disease.

Conclusions

Histopathological and clinical stage distribution in our patients were different from those reported in developed countries. Further studies are needed to investigate the reasons for these epidemiological trends.







White Blood Count in relation to Stage at presentation

Keywords

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Contact Information

Mouna.Mohammad@uot.edu.ly
moneme83@gmail.com
Twitter : @Grainmona