

# 18<sup>th</sup> World Congress on Endocrinology & Diabetes

November 22-23, 2022 | Webinar

Volume : 11

## Presentation, Diagnosis and Management of Thyroid Lymphoma: Case Series Presentation

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### Background:

Primary thyroid lymphoma (PTL) is a rare malignancy accounting for about 5% of all thyroid malignancies and less than 2% of extranodal lymphomas. The most common subtype of primary thyroid lymphoma is Diffuse B-cell lymphoma (DBCL).

### Patients and methods:

We did a retrospective review of all patients diagnosed with thyroid lymphoma in our hospital during the period from 2011 to 2021. All patients had clinical, radiological and pathological evaluation. We have followed up these patients since diagnosis till now.

### Results:

Eight patients were diagnosed with thyroid lymphoma in our hospital. Four patients were males and four were females. Mean age at diagnosis was  $63 \pm 32$  years of age. Diagnosis was confirmed only with tissue histology. Six patients had stage IIE disease and two had stage IVE disease. Four patients had disease related mortality. Of the other four patients, two had chemotherapy (RCHOP) and one had local radiotherapy; all achieved complete remission, and the last one had hemithyroidectomy to relieve airway compression and still under treatment.

### Conclusion:

Primary thyroid lymphoma is rare malignancy of the thyroid gland. Poor prognostic factors include advanced stage and age at the time of diagnosis, the presence of compression manifestations, large tumor mass and presence of distant metastasis. Our knowledge of the disease pathology, diagnosis, and management is still limited and more researches are required.

### Biography

Emad is a general surgery registrar, mainly works in endocrine and general surgery. He is interested in endocrine cancer research. He has at least 9 published papers. Through his work he hopes that his research activity would be valuable to help people all over the world. He is currently working as a General Surgeon in the James Cook University Hospital, England in UK.

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Abstract received : August 08, 2022 | Abstract accepted : August 10, 2022 | Abstract published : 20-12-2022