

Lymphoepithelioid lymphoma

Identity

Other names Lennert's lymphoma

Clinics and Pathology

Phenotype / cell stem origin Peripheral CD4+ T-cell lymphoma

Epidemiology The disease is rare

Clinics The patients present superficial lymph node involvement. The cervical areas are predominantly affected, whereas thoracic adenopathies and deep abdominal involvement occur unfrequently at presentation.

Pathology The disease cannot be separated from the broad category of peripheral T-cell lymphoma (PTL). PTL is characterized by a heterogeneous cellular composition with small and large cells with an inflammatory background. Lennert's lymphoma can be recognized by the presence of numerous epithelioid histiocytes usually grouped in small clusters. Lennert's lymphoma is not considered as a distinct clinicopathological entity.

Treatment The disease must be treated with multiagent chemotherapy and/or radiation therapy as for other PTL

Evolution The disease usually runs a relatively aggressive clinical course.

Prognosis Median survival of 16 to 32 months was reported in some studies

Cytogenetics

Note Clonal aberrations are reported in the vast majority of cases. Chromosome 3 is frequently involved: [trisomy 3](#) ; 3q rearrangements (duplication of bands 3q22-24 or 3q22 breaks) are recurrent abnormalities ; A 6q- chromosome was also reported.

Bibliography

Cytogenetic and immunohistochemical analysis of lymphoepithelioid cell lymphoma (Lennert's lymphoma) : further substantiation of its T-cell nature.
Godde-Salz E, Feller AC, Lennert K.
Leuk Res 1986; 10: 313-323.

Cytogenetic studies in non-Hodgkin lymphomas - results from surgical

biopsies.

Kristoffersson U, Heim S, Olsson H, Akerman M, Mitelman F.
Hereditas 1986; 104: 1-13.

Other peripheral T-cell lymphomas.

Delmer A, Zittoun R.

Magrath I (Ed) The non Hodgkin's lymphomas 2nd edition. Arnold, London 1997

Contributor(s)

Written 06- Antonio Cuneo, Gianluigi Castoldi
2002

Citation

This paper should be referenced as such :

Cuneo A, Castoldi G . Lymphoepithelioid lymphoma. Atlas Genet Cytogenet Oncol
Haematol. June 2002 .

URL :

<http://www.infobiogen.fr/services/chromcancer/Anomalies/LymphoepithLymphoID2005.html>

© *Atlas of Genetics and Cytogenetics in Oncology and Haematology*
