

**Name of journal:** *World Journal of Cenical Cases*

**Manuscript NO.:** 53611

**Column:** CASE REPORT

**Natural killer/T-cell lymphoma with intracranial infiltration and Epstein-Barr virus infection: A case report**

Li N *et al.* NKTL with intracranial infiltration and CAEBV

Nan Li, Yi-Zhuo Wang, Yi Zhang, Wei-Ling Zhang, Yan Zhou, Dong-Sheng Huang

### Abstract

#### BACKGROUND

Because of the atypical clinical symptoms, lymphoma is easily confused with infectious diseases. <sup>3</sup> Natural killer/T-cell lymphoma (NKTL) is more common in extranodal nasal type, and there are few cases of eyelid site onset and intracranial infiltration, which increases the difficulty of diagnosis. This disease usually has a very poor prognosis and there are few reports of recovery.

#### CASE SUMMARY

A three years old male was admitted to our hospital due to the initially misdiagnosis of "eyelid cellulitis" and a failed antibiotic treatment. He was characterized by fever, right eyeball bulging, convulsions, and abnormal liver function. His

### Match Overview

Match Number	Source	Words	Percentage
1	Internet	81 words crawled on 02-Mar-2020 <a href="http://www.frontiersin.org">www.frontiersin.org</a>	4%
2	Crossref	36 words Siok-Bian Ng, Koichi Ohshima, Viknesvaran Selvarajan, Gaofeng Huang et al. "Epstein-Barr virus-associated T/n	2%
3	Crossref	31 words Shouvik Saha, Elizabeth M. Graham. "Chapter 10 Masc... erade Syndromes", Springer Science and Business Medi	1%
4	Crossref	22 words Young-Hyeh Ko, Hyun-Jung Kim, Young-Ha Oh, Geongsin Park et al. "EBV-associated T and NK cell lymphoprolife	1%
5	Internet	19 words crawled on 19-Jun-2018 <a href="http://www.jove.com">www.jove.com</a>	1%
6	Internet	16 words crawled on 23-Jun-2019 <a href="http://oncohemakey.com">oncohemakey.com</a>	1%
7	Crossref	12 words Moshe Yeshurun. "Acute cerebellar syndrome following ... termediate-dose cytarabine", British Journal of Haematolo	1%
8	Internet	10 words crawled on 26-Aug-2019 <a href="http://link.springer.com">link.springer.com</a>	<1%

ALL IMAGES VIDEOS

89,100 Results Any time ▾

### Extranodal natural killer/T-cell lymphoma with ...

<https://www.sciencedirect.com/science/article/pii/S2214330020300407>

Extranodal natural killer/T-cell lymphoma is a rare Epstein-Barr virus-associated aggressive lymphoma commonly involving the nasal and upper aerodigestive tract and, less commonly, extranodal sites such as skin and gastrointestinal tract. There is only one case report of paraneoplastic myositis associated with this type of lymphoma.

Author: Jayati Mallick, Jasmine Zain, Dennis D. ... Publish Year: 2020

### Primary extranodal natural killer/T-cell lymphoma of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4718123>

Mar 19, 2015 · Primary pulmonary non-Hodgkin's lymphoma (NHL) is very rare. It represents less than 1% of all NHL, and 0.5–1% of all primary pulmonary malignancies. Almost all cases of primary pulmonary NHL originate from B-cell lineage. We present a case of a 53-year-old man with primary extranodal NK/T-cell lymphoma of the bronchus and lung, presented progressive dyspnea caused by right ...

Cited by: 8 Author: Chu-Chun Chien, Heng-Sheng Lee, Min-Hsi... Publish Year: 2016

### Natural killer/T-cell lymphoma with concomitant syndrome ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6232570>

Nov 06, 2018 · Moreover, Epstein-Barr virus (EBV) has a high infection rate, and in very rare cases, it can lead to extranodal natural killer (NK)/T-cell lymphoma. A very limited number of patients with lymphoma accompanied by SIADH have been reported, but NK/T-cell lymphoma with concomitant SIADH has not yet been reported in PubMed.

Author: Quan-Bo Liu, Rui Zheng Publish Year: 2018

### Extranodal nasal-type natural killer/T-cell lymphoma with ...

<https://bmcurol.biomedcentral.com/articles/10.1186/s12894-017-0273-8>

Sep 06, 2017 · Extranodal natural killer/T-cell lymphoma (ENKTL) usually presents as a localized disease in the nasal cavity; extension to the male genitourinary system is very rare and has been characterized only recently. Most cases present with predominantly extranodal involvement, advanced stage disease, highly aggressive course, and strong association with Epstein-Barr virus (EBV).

Author: Xiaotian Wang, Zimu Gong, Shawn Xian... Publish Year: 2017

### Extranodal natural killer/T-cell lymphoma, nasal type ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/1346-8138.12362>

Extranodal NK/T-cell lymphoma, nasal type, is a rare lymphoma strongly associated with Epstein-Barr virus infection and a poor prognosis. 1 Its prevalence is high in East Asia and Central and South America. The skin is the second most common site for NK/T-cell lymphoma. 2 Histopathological features of NK/T-cell lymphoma are well recognized. The tumor cells show angiocentric or ...

Cited by: 2 Author: Noriki Fujimoto, Toshifumi Takahashi, Ma... Publish Year: 2014

### Extranodal Natural Killer/T-Cell Lymphoma in Children and ...

<https://academic.oup.com/ajcp/article/145/1/46/1766412>

Extranodal natural killer (NK)/T-cell lymphoma (ENKTL) is generally a highly aggressive lymphoma characterized by vascular damage and destruction, prominent necrosis, cytotoxic phenotype, and association with Epstein-Barr virus (EBV).

### The diagnosis and management of NK/T-cell lymphomas ...

<https://jhoonline.biomedcentral.com/articles/10.1186/s13045-017-0452-9>

Extranodal natural killer (NK)/T-cell lymphoma is an aggressive malignancy of putative NK-cell origin, with a minority deriving from the T-cell lineage. Pathologically, the malignancy occurs in two forms, extranodal NK/T-cell lymphoma, nasal type; and aggressive NK-cell leukaemia. Lymphoma occur most commonly (80%) in the nose and upper aerodigestive tract, less commonly (20%) in non-nasal ...

### REFERENCES - UpToDate

<https://www.uptodate.com/contents/clinical...>

Neri A, Barriga F, Inghirami G, et al. Epstein-Barr virus infection precedes clonal expansion in Burkitt's and acquired immunodeficiency syndrome-associated lymphoma. Blood 1991; 77:1092. Rooney CM, Gregory CD, Rowe M, et al. Endemic Burkitt's lymphoma: phenotypic analysis of ...

### Primary Central Nervous System Extranodal Natural Killer/T ...

<https://www.sciencedirect.com/science/article/pii/S1878875018318485>

In this case report, we provide the first documentation of a collision tumor consisting of primary CNS extranodal natural killer/T-cell lymphoma (ENKTCL), nasal type and meningioma. Case Description A 50-year-old man presented with a 1-year history of progressive memory decline and 2 weeks of drowsiness, bradykinesia, and aphasia.

### Extranodal Natural Killer/T-Cell Lymphoma of the Small ...

<https://academic.oup.com/labmed/article/44/4/333/2505028>

E, Lymphoma cells in the specimen that tested positive for Epstein-Barr virus-encoded messenger RNA via in situ hybridization (original magnification, x200). Discussion Primary NTCL originating from the gastrointestinal tract is extremely rare. 5 Our review of the literature turned up 18 cases of primary NTCL of the small intestine ( Table 1 ...

Some results are removed in response to a notice of local law requirement. For more information, please see here.

### Search Tools

Turn off Hover Translation (关闭取词)

Add the Give with Bing extension >

Make a difference for a nonprofit, simply by searching on Bing

MAYBE LATER YES



90,600 Results Any time ▾

### [Extranodal natural killer/T-cell lymphoma with ...](#)

<https://www.sciencedirect.com/science/article/pii/S2214330020300407>

Extranodal **natural killer/T-cell lymphoma** is a rare **Epstein-Barr virus**-associated aggressive **lymphoma** commonly involving the nasal and upper aerodigestive tract and, less commonly, extranodal sites such as skin and gastrointestinal tract. There is only one **case report** of paraneoplastic myositis associated with this type of **lymphoma**.

**Author:** Jayati Mallick, Jasmine Zain, Dennis ... **Publish Year:** 2020

### [Epstein-Barr Virus-Associated Natural killer/T-cell Lymphomas](#)

<https://pubmed.ncbi.nlm.nih.gov/23768637>

**Epstein-Barr virus** (EBV)-associated **natural killer** (NK)/T-cell lymphomas show a geographical predilection for Asian and South American populations and are rare in Western countries. They predominantly occur in extranodal sites, including the nasal or paranasal areas, and less frequently in the localized nodal lesion.

### [Primary extranodal natural killer/T-cell lymphoma of ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4718123>

Mar 19, 2015 · Primary pulmonary non- Hodgkin's **lymphoma** (NHL) is very rare. It represents less than 1% of all NHL, and 0.5–1% of all primary pulmonary malignancies. Almost all cases of primary pulmonary NHL originate from B -cell lineage. We present a **case** of a 53-year-old man with primary extranodal NK / T -cell **lymphoma** of the bronchus and lung, presented progressive dyspnea caused by right ...

**Cited by:** 8 **Author:** Chu-Chun Chien, Heng-Sheng Lee, Min-...

**Publish Year:** 2016

### [Extranodal nasal-type natural killer/T-cell lymphoma with ...](#)

<https://bmcurol.biomedcentral.com/articles/10.1186/s12894-017-0273-8>

Sep 06, 2017 · Extranodal **natural killer/T-cell lymphoma** (ENKTL) usually presents as a localized disease in the nasal cavity; extension to the male genitourinary system is very rare and has been characterized only recently. Most cases present with predominantly extranodal involvement, advanced stage disease, highly aggressive course, and strong association with **Epstein-Barr virus** (EBV).