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**Manuscript NO:** 55840

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**Imaging of hemorrhagic primary central nervous system lymphoma: A case report**

Wu YW *et al.* Imaging of hemorrhagic lymphoma

Ya-Wei Wu, Jin Zheng, Lu-Lu Liu, Jun-Hui Cai, Hu Yuan, Jing Ye, Department of Radiology, Clinical Medical College of Yangzhou University, Northern Jiangsu People's Hospital, Yangzhou 225001, Jiangsu Province, China

**Abstract**

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We experienced a case of **hemorrhage** in **primary CNS lymphoma**, but the feature was different from those in the 2 studies mentioned. We report a case of **primary CNS lymphoma** presenting as an acute **massive** ICH causing catastrophic mental deterioration, along with immunohistochemical profiles.

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Sep 16, 2019 · **Primary non-Hodgkin's lymphoma** (NHL) of the **central nervous system** (CNS) is uncommon and generally affects the brain . Diffuse large B-cell **lymphoma** (DLBCL) is the most common form of CNS NHL. Only 1% of **primary** CNS NHL emerges in the spinal cord.

Author: Yoshimasa Mori, Koh Yamamoto, Ako... Publish Year: 2019

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**Primary central nervous system lymphoma** (PCNSL) rarely manifests in immunocompetent patients. In such cases, these lesions may mimic more common intracranial **bleeding** or tumors. We present the case of an elderly patient who presented with a presumed chronic subdural hematoma (SDH); upon surgical intervention, an occult mass was discovered with no evidence of associated hematoma.

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## [Imaging of primary central nervous system lymphoma ...](#)

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**Primary central nervous system lymphoma** (PCNSL) causes approximately 5% of all **primary** brain tumours. PCNSL is defined as **lymphoma** in the **central nervous system** (CNS) without **primary** tumour elsewhere. It is less common than secondary CNS involvement by systemic **lymphoma**.

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## [Primary Central Nervous System Lymphoma Presenting as ...](#)

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BACKGROUND: Hemorrhage at presentation in **primary central nervous system** (CNS) **lymphoma** is rare. We encountered a **case** of **primary** CNS **lymphoma** presenting as a growing intracerebral hemorrhage. **CASE DESCRIPTION:** An 80-year-old man presented with mild dysarthria.

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## Primary lymphoma

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**Primary central nervous system lymphoma** (PCNSL) is an extremely rare form of malignant **lymphoma** that only occurs in <3% of **central nervous system** (CNS) tumors. The coexistence of these conditions is rare. Herein, we **report a case** of a male patient who initially demonstrated manifestations of IO with a final diagnosis of PCNSL.

**Author:** Xiaoke Li, Shuo Qi, Yuntao Jiao, Jing ... **Publish Year:** 2018

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**Publish Year:** 2015

## [Primary central nervous system lymphoma presenting as an ...](#)

<https://www.sciencedirect.com/science/article/pii/S0090301907004995>

Sep 01, 2008 - In **primary CNS lymphoma**, **hemorrhage** at first presentation has been rarely **reported**.

We describe a **case of primary CNS lymphoma** that presented with acute massive ICH and was

## Primary central nervous system lymphoma

Primary Intracranial Tumor

A primary central nervous system lymphoma, also termed primary diffuse large B-cell lymphoma of the central nervous system, is a primary intracranial tumor appearing mostly in patients with severe immunodeficiency. It is a subtype and one of the most aggressive of the diffuse large B-cell lymphomas. PCNSLs represent around 20% of all cases of lymphomas in HIV infections.. Primary CNS lymphoma is highly associated with Epstein-Barr virus infection in immunodeficient patients, and does not have a predilection for any particular age group. Mean CD4+ count at time of diagnosis is ~50/uL. In immunocompromised patients, prognosis is usually poor. In immunocompetent patients, there is rarely an association with EBV infection or other DNA viruses. In the immunocompetent population, PCNSLs typically appear in older patients in their 50s and 60s. Importantly, the incidence of PCNSL in the immunocompetent population has been reported to have increased more than 10-fold from 2.5 cases to 30 cases per 10 million population. The cause for the increase in incidence of this disease in the immunocompetent population is unknown.

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