

Sinonasal non Hodgkin lymphoma

Sinonasal [non Hodgkin lymphoma](#) (NHL) is a very rare condition.

Frontal sinus

NHL located specifically in the [frontal sinus](#) is even rarer with only 15 cases in the literature reported to date.

A unique case of diffuse large B-cell lymphoma of the frontal sinus that presented first and was treated as suspected [Potts puffy tumor](#) is presented.

A 69-year-old white man with a history of [sinusitis](#) and two recent endoscopic sinus surgeries presented with enlargement of his right forehead. [Computed tomography](#) and magnetic resonance images revealed a dense opacification of the [frontal sinus](#) bilaterally, thickening and enhancement of the dura mater behind the right frontal sinus, and local [osteomyelitis](#)-like lytic bone changes. A [bifrontal craniotomy](#) was performed. Radical exenteration of the frontal sinus, copious antibiotic-impregnated irrigation after culture swabs, and resection of presumed granulation tissue was performed. Culture swabs remained negative, but histopathology revealed diffuse large B-cell lymphoma. Subsequent chemotherapy was administered.

Sinonasal NHL is very rare but can occur in the frontal sinus and may present as a suspected [Potts puffy tumor](#). A high clinical suspicion is necessary for early diagnosis and treatment ¹⁾.

¹⁾

Khan NR, Lakičević G, Callihan TR, Burruss G, Arnautović K. Diffuse Large B-Cell Lymphoma of the Frontal Sinus Presenting as a Pott Puffy Tumor: Case Report. J Neurol Surg Rep. 2015 Jul;76(1):e23-7. doi: 10.1055/s-0034-1543996. Epub 2015 Jan 16. PubMed PMID: 26251804; PubMed Central PMCID: PMC4520977.

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