***An early diagnosed medulloblastoma of vermis; a case report***

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**Abstract**

**Introduction:**

Medulloblastoma is categorized into different histologic and molecular subtypes with unique characteristics which make diagnosis challenging.

**Case presentation:**

We present a 30 years old male with continuous nausea and vomiting since 3 months ago. Imaging revealed a brief signal changing in the vermis. He had normal neurologic examinations. The lesion was completely removed surgically. The histopathology was classic medulloblastoma, Non-SHH and Non-WNT and the patient referred for adjuvant therapy.

In this case, the little intensity changes confined to vermis without edema and enhancement was against medulloblastoma. The WNT was more probable subtype, but the histopathology was against that. It seems that the decision to do surgery for this patient was the best approach, because this surgery made the diagnosis earlier and the treatment process of chemo-radiotherapy started for him sooner.

**Conclusion:**

In posterior fossa, medulloblastoma should always be kept in mind because an early diagnosis can improve the prognosis.