

Posterior fossa subdural hematoma

see [Spontaneous posterior fossa subdural hematoma](#).

see [Traumatic posterior fossa subdural hematoma](#).

[Posterior fossa subdural hematoma](#) cases account for approximately 0.2% ¹⁾ of all head traumas and 0.3-3% ^{2) 3)} of the [traumatic subdural hematomas](#).

Rarely, [subdural hematomas](#) may be spontaneous, with no previous trauma. These cases are usually secondary to bleeding from an underlying pathology such as [arteriovenous malformation](#) (AVM), [tumor](#) or coagulation dysfunction ^{4) 5)} According to the medical literature, only five cases of acute spontaneous subdural hematomas in the posterior fossa were reported ^{6) 7)}.

The low rate of occurrence of this type of hematoma in the posterior fossa could be explained by the few number of bridging veins in this region and the uncommon direct damage to the occipital dural sinus ^{8) 9)}.

Moreover, Goldsmith and Plunkett hypothesize that since the [posterior fossa](#) space is almost completely fulfilled by the [brainstem](#) and [cerebellum](#), the movement of the [skull base](#) is synchronic to those structures, therefore no shear forces occur in this compartment ¹⁰⁾.

^{1) 6)}

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