

# 1905

## 1904-1906

Harvey Cushing <sup>1)</sup>, in 1905, attempted to remove an [intramedullary spinal cord tumor](#) but aborted the [procedure](#) after a dorsal column [myelotomy](#).

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Harvey Cushing's paper, "The special field of neurological surgery," published in the Bulletin of The Johns Hopkins Hospital in 1905, constitutes a recognized milestone in the establishment of neurological surgery as a separate surgical specialty in the [United States](#) <sup>2)</sup>.

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The unilateral [suboccipital approach](#) was popularized by Woolsey (1903) and with great contributions by [Fedor Krause](#) (1905).

After several refinements and modifications through different dedicated neurosurgeons (Fish, House and Seiffert , Dandy's suboccipital approach (1917) with an ipsilateral suboccipital flap evolved to the [retrosigmoid transmeatal approach](#).

<sup>1)</sup>

Cushing H. The special field of neurological surgery. Bull Johns Hopkins Hosp. 1905;15:77-87.

<sup>2)</sup>

Canale DJ. William Osler and "the special field of neurological surgery". J Neurosurg. 1989 May;70(5):759-66. PubMed PMID: 2651587.

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