

1929

see [1928 - 1930](#)

The [Kernohan notch phenomenon](#) was first described by James Watson Kernohan, born 1897, Irish-born American pathologist in [1929](#) after an autopsy study revealed a notched [cerebral peduncle](#) from a contralateral [herniation syndrome](#). ¹⁾.

Stienen et al. reviewed the original publication of [Otto Veraguth](#) in [1929](#) reporting on the successful resection of a lumbar disc herniation, published exclusively in the German language. His early report is put into the historical context, and its impact on the understanding of pathologies of the [intervertebral disc](#) (IVD) is estimated. The Swiss surgeon and Nobel Prize laureate [Emil Theodor Kocher](#) was among the first physicians to describe the traumatic rupture of the IVD in [1896](#). As early as [1909](#) Oppenheim and Krause published 2 case reports on surgery for a herniated lumbar disc ²⁾.

Since its initial description by Hibbs and Swift in [1929](#) ³⁾, [lumbar fusions](#) have been widely used to correct structural defects and degeneration of the [lumbar spine](#), a common ailment in the geriatric population ^{4) 5)}.

In [1929](#), [Nikolay Nilovich Burdenko](#) and a neurologist V.V. Kramer founded the first neurosurgical clinic in [Moscow](#), which was reorganized to the Institute of Neurosurgery in [1932](#). The Institute has come a long way through military and peaceful years, overcoming all sorts of obstacles. It has constantly developed, built, and modernized, and now this is the National Medical Research Center of Neurosurgery ⁶⁾.

Publications

Penfield W. Neurosurgery. Can Med Assoc J. 1929 May;20(5):521-2. PubMed PMID: 20317340; PubMed Central PMCID: PMC1710525. ⁷⁾.

¹⁾

Gobert F, Baars JH, Ritzenthaler T, Afathi M, Boulogne S, André-Obadia N, Dailleur F. Diagnosing Kernohan-Woltman notch phenomenon by somatosensory evoked potentials in intensive care unit. Clin Neurophysiol. 2017 Nov 22;129(1):254-257. doi: 10.1016/j.clinph.2017.11.009. [Epub ahead of print] PubMed PMID: 29223102.

²⁾

Stienen MN, Surbeck W, Tröhler U, Hildebrandt G. Little-known Swiss contributions to the description, diagnosis, and surgery of lumbar disc disease before the Mixter and Barr era. J Neurosurg Spine. 2013 Dec;19(6):767-73. doi: 10.3171/2013.8.SPINE121008. Epub 2013 Sep 27. PubMed PMID: 24074509.

³⁾

Zdeblick TA. A prospective, randomized study of lumbar fusion. Preliminary results. Spine (Phila Pa 1976). 1993;18(8):983-991.

4)

Endres S, Aigner R, Wilke A. Instrumented intervertebral or posterolateral fusion in elderly patients: clinical results of a single center. *BMC Musculoskelet Disord.* 2011;12:189.

5)

Deyo RA, Gray DT, Kreuter W, Mirza S, Martin BI. United States trends in lumbar fusion surgery for degenerative conditions. *Spine (Phila Pa 1976).* 2005;30(12):1441-1445; discussion 1446-1447.

6)

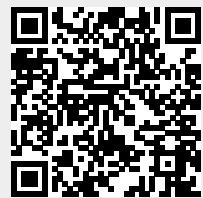
Potapov AA, Likhterman LB, Danilov GV. [Neurosurgery in Moscow: clinic - institute - ational center]. *Zh Vopr Neirokhir Im N N Burdenko.* 2019;83(1):5-16. doi: 10.17116/neiro2019830115. Russian. PubMed PMID: 30900684.

7)

Penfield W. Neurosurgery. *Can Med Assoc J.* 1929 May;20(5):521-2. PubMed PMID: 20317340; PubMed Central PMCID: PMC1710525.

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