

# Retractor

## Instrument

---

[Bladed retractor](#)

[Brain retractor.](#)

[Caspar lumbar retractor system](#)

[Gelpi retractor](#)

[Grevel retractor.](#)

[Leyla retractor](#)

[Markham-meyerding hemilaminectomy retractor](#)

[Periosteal retractor](#)

[Retractor system](#)

[Scalp retractor](#)

[Self-retaining retractor](#)

[Tubular retractor](#)

[Williams retractor](#)

Combined retractor and hand-rest system from Gilsbach <sup>[1\)](#)</sup>.

It was developed from the original [Leyla retractor](#) system but has the advantage of an integrated hand-rest.

Retraction of [white matter](#) overlying a [brain lesion](#) can be difficult without causing significant [trauma](#) especially when using traditional methods of [bladed retractors](#). These conventional retractors can produce regions of focal pressure resulting in [contusions](#) and areas of [infarct](#).

## References

Greenberg, I. M.: Self-retaining retractor and handrest system for neurosurgery. Technical note. Neurosurgery 8 (1981) 205–208PubMedGoogle Scholar

Kanshepolsky, J.: Extracranial holder for brain retractors. Technical note. J. Neurosurg. 46 (1977) 835–836PubMedGoogle Scholar

Sugita, K., T. Hirota, T. Mizutani et al.: A newly designed multipurpose microneurosurgical head frame.

Technical note. J. Neurosurg. 48 (1978) 656-657

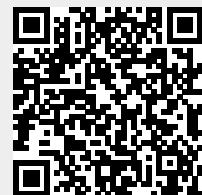
Sugita, K., S. Kobayashi, T. Takemae et al.: Direct retraction method in aneurysm surgery. Technical note. J. Neurosurg. 53 (1980)

Sugita, K., S. Kobayashi: Technical and instrumental improvements in the surgical treatment of acoustic neurinomas. J. Neurosurg. 57 (1982)

Yasargil, M. G., J. L. Fox: The microsurgical approach to acoustic neurinomas. Surg. Neurol. 2 (1974) 393-398PubMedGoogle Scholar

<sup>1)</sup>  
Gilsbach JM, Lutze T, Seeger W. Combined retractor and hand-rest system for neurosurgery. Neurosurg Rev. 1984;7(2-3):85-7. PubMed PMID: 6493523.

From:  
<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**



Permanent link:  
<https://neurosurgerywiki.com/wiki/doku.php?id=retractor>

Last update: **2025/04/29 20:24**