

# Gazi Yasargil

Mahmut Gazi Yasargil (born July 6, 1925) is a Turkish medical scientist and [neurosurgeon](#).

From 1953 until his retirement in 1993 he was first resident, chief resident and then [professor](#) and [chairman](#) of the Department of Neurosurgery, [University Hospital Zurich](#).

In 1999 he was honored as “Neurosurgery’s Man of the Century 1950–1999” at the [Congress of Neurological Surgeons](#) Annual Meeting.

He collaborated with [Raymond Madiford Peardon Donaghy](#) at the University of Vermont in developing [microneurosurgery](#).

The [Extra intracranial bypass surgery](#) (EIBS) has been proposed by [Gazi Yasargil](#) and [Raymond Madiford Peardon Donaghy](#) in 1967 to bypass an occlusive process in the arteries supplying the brain that is not accessible surgically in another way.

During microsurgery in the [anterior communicating artery](#) region, Yasargil noted and spared several branches of the anterior communicating artery <sup>1)</sup>.

[Gazi Yasargil](#) first described standard techniques and procedures for [pterional craniotomy](#) (PC) in his publication in 1984.

Yaşargil treated epilepsy and brain tumors with instruments of his own design.

[Gazi Yasargil](#) differentiated cerebral [micro arteriovenous malformations](#) (micro-AVMs) from such [angiographically occult arteriovenous malformations](#) (AVMs) and defined them as AVMs with a nidus of 1 cm or smaller <sup>2)</sup>.

Yasargil described four different types of intraoperatively observed anatomical [sylvian fissure](#) (SF) variants <sup>3)</sup> <sup>4)</sup>.

The classification system for [tentorial meningiomas](#) proposed by [Gazi Yasargil](#) is the most accurate and emphasizes the surgical anatomy <sup>5)</sup>.

## References

<sup>1)</sup>

Yasargil MG, Fox JL, Ray MW: The operative approach to aneurysms of the anterior communicating artery. In Krayenbühl H. (ed.). Advances and Technical Standards in Neurosurgery, vol. 2. Vienna, Springer Verlag, pp. 115-128, 1975

<sup>2)</sup>

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<sup>3)</sup>

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<sup>4)</sup>

Microneurosurgery III-B: Avm of the Brain, Clinical Considerations, General and Special Operative Techniques,...Jan 15, 1988 by Mahmut Gazi Yasargil

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