

# 1951

## 1950-1952

[Diencephalic syndrome](#) was first described by Russell in [1951](#).

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In [1951](#), using the [Uppsala](#) University cyclotron, [Lars Leksell](#) and the physicist and radiobiologist Borje Larsson, developed the concept of [Radiosurgery](#).

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In [1951](#), Basset reported the first successful surgical resection of an [Arteriovenous malformation of the corpus callosum](#) <sup>1)</sup>.

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Even though since the end of the 19th century the spinal CSF pressure was used as indirect measure of [intracranial pressure](#) (ICP), the first reports of the use of continuous [intracranial pressure monitoring](#) via [ventricular catheter](#) were by Guillaume and Janny in [1951](#) <sup>2)</sup>.

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[Endarterectomy](#) was first performed on a superficial [femoral artery](#) in [1946](#) by the Portuguese surgeon João Cid dos Santos at the University of [Lisbon](#). In [1951](#), E. J. Wylie, an American, performed it on the abdominal aorta. The first successful reconstruction of the [carotid artery](#) was performed by Carrea, Molins, and Murphy in Argentina, later in the same year.

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The [Congress of Neurological Surgeons](#) was founded on May 10, [1951](#). Since [1951](#), the [Annual Meeting of the Congress of Neurological Surgeons](#) has been an [event](#) to unite membership at one location. This collaboration of [neurosurgeons](#) and honored guests have a rich history.

<sup>1)</sup>

BASSETT RC. Surgical experiences with arteriovenous anomalies of the brain. J Neurosurg. 1951 Jan;8(1):59-74. PubMed PMID: 14804149.

<sup>2)</sup>

Guillaume J, Janny P. Continuous intracranial manometry; importance of the method and first. Revue Neurologique. 1951;84(2):131-142.

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