

1971

1970-1972

On 1 October [1971](#) the first patient was scanned and the data sent off for analysis. The resulting images were examined by the hospital's neuroradiologists, neurologists and neurosurgeons who immediately appreciated their value. There was international media interest and hundreds of clinicians visited the hospital to see the new scanner. Hounsfield shared the [1979](#) Nobel Prize in Physiology or Medicine with the physicist Allan M. Cormack "for the development of computer assisted tomography"

In [1971](#), Heineman and colleagues became the first to report the successful medical management of a [brain abscess](#) ¹⁾.

[Focal cortical dysplasia](#) (FCD) was first described as a distinct neuropathological entity in 1971 by Taylor and colleagues.

The first [case](#) of a total en bloc [spondylectomy](#) was published by Bertil Stener in [1971](#) in a case of [chondrosarcoma](#) of T6-T8 in a 49-year-old farmer ²⁾.

In [1971](#), Loughheed and colleagues performed the first long-segment [saphenous vein graft](#) (SVG) bypass from the common carotid to the [intracranial ICA](#) ³⁾.

First described in [1971](#), [GFAP](#) is a type III [intermediate filament](#) (IF) protein that maps, in humans, to [17q21](#).

[Bifrontal decompressive craniectomy](#) (BDC) was initially described by Miyazaki in [1966](#) ⁴⁾ and was popularized by Kjellberg and Prieto in [1971](#) ⁵⁾.

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H.S. Heineman, A.I. Braude, J.L. Osterholm Intracranial suppurative disease. Early presumptive diagnosis and successful treatment without surgery JAMA, 218 (1971), pp. 1542-1547

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Stener B. Total spondylectomy in chondrosarcoma arising from the seventh thoracic vertebra. J Bone Joint Surg Br. 1971 May;53(2):288-95. PubMed PMID: 4931082.

³⁾

Loughheed WM, Marshall BM, Hunter M, Michel ER, Sandwith-Smyth H. Common carotid to intracranial internal carotid [bypass venous graft](#). [Technical note](#). J Neurosurg. 1971 Jan;34(1):114-8. doi:

10.3171/jns.1971.34.1.0114. PMID: 5539642.

⁴⁾

Miyazaki Y, Hiari H, Hachisu Y, Takada I. Bifrontal external decompression for Traumatic Brain Edema. Shujutsu 1966; 20: 845-852.

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Kjellberg RN, Prieto A Jr. Bifrontal decompressive craniotomy for massive cerebral edema. J Neurosurg. 1971 Apr;34(4):488-93. doi: 10.3171/jns.1971.34.4.0488. PMID: 5554353.

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