

Gerard Guiot



Gerard Guiot (1912–1998) was one of the most renowned and innovative [neurosurgeons](#) of the 20th century. His pivotal and revolutionary role in advancing [transsphenoidal surgery](#) has been recorded in many historical vignettes, yet his outstanding contributions to the advancement of neurosurgery outside the confines of the sella have not been described in a detailed fashion.

In a article, Krisht et al., discuss the life and achievements of Professor Guiot and present a comprehensive description of his contributions to the field of neurosurgery, including cerebrovascular, spine, craniofacial, stereotactic functional, and endoscopic surgery ¹⁾.

[Gerard Guiot](#), inspired by [Norman McOmish Dott](#), adopted his technique and used intraoperative radiofluoroscopic technique for image guidance. [Jules Hardy](#), a fellow of Guiot, from [Montreal, Canada](#), revolutionized transsphenoidal microsurgery with the introduction of the binocular microscope and selective adenomectomy ²⁾.

Gerard Guiot is recognized as the first neurosurgeon to use the endoscope in the [transsphenoidal approach](#), although he abandoned the procedure because of inadequate visualization ^{3) 4)}

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Krisht KM, Sorour M, Cote M, Hardy J, Couldwell WT. Marching beyond the sella: Gerard Guiot and his contributions to neurosurgery. J Neurosurg. 2015 Feb;122(2):464-72. doi: 10.3171/2014.10.JNS131919. Epub 2014 Nov 28. PubMed PMID: 25423269.

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Patel SK, Husain Q, Eloy JA, Couldwell WT, Liu JK. Norman Dott, Gerard Guiot, and Jules Hardy: key players in the resurrection and preservation of transsphenoidal surgery. Neurosurg Focus. 2012 Aug;33(2):E6. doi: 10.3171/2012.6.FOCUS12125. PubMed PMID: 22853837.

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Halves E, Bushe KA: Transsphenoidal operation on craniopharyngiomas with extrasellar extensions. The advantage of the operating endoscope [proceedings]. Acta Neurochir Suppl 28: 362, 1979

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Liu JK, Das K, Weiss MH, et al: The history and evolution of transsphenoidal surgery. J Neurosurg 95:1083–1096, 2001

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