

Marc Sindou

Marc Sindou is Professor of Neurosurgery at the University of [Lyon](#).

His medical scientific activities include:

Founding Member of [International Association for the Study of Pain](#) (IASP) (1976) President (1997-2001) and Past-President (2001-2005) of the [World Society for Functional and Stereotactic Neurosurgery](#) (WSSFN).

Vice-President of the [European Association of Neurosurgical Societies](#) (EANS) (1999-2003) and Teacher in the EANS Training Course(1985-2013)

President of the “French Speaking Neurosurgical Society” (2007-2010)

22 Visiting Professorships. European Lecture 2007. Spiegel-Wycis Medal (World meeting of WSSFN, Toronto, 2009). Award of the ten Masters in Neurosurgery (World meeting of the World Federation of Neurosurgical Societies, Boston, 2009)

231 Invited-lectures in 52 different foreign countries. 640 scientific publications. Member of Editorial Board of several French and International journals, and Member of Foreign and International Neurosurgical Societies.

His main topics of interest are: 1) [Functional Neurosurgery](#) (Pain, Spasticity, Epilepsy, Trigeminal Neuralgia, Neurovascular compression syndromes : 2322 operative cases over the last twenty years

2) [Microneurosurgery](#) of Intracranial vascular malformations, [Skull Base Tumors](#), Meningiomas

3) Neurophysiology Applied to Neurosurgery.

Publications as First author

1: [Sindou M, Georgoulis G. Keyhole interlaminar dorsal rhizotomy for spastic diplegia in cerebral palsy. Acta Neurochir \(Wien\). 2015 Jul;157\(7\):1187-96. doi: 10.1007/s00701-015-2453-1. Epub 2015 May 24. PubMed PMID: 26002713.](#)

2: [Sindou M, Nebbal M, Guclu B. Cavernous sinus meningiomas: imaging and surgical strategy. Adv Tech Stand Neurosurg. 2015;42:103-21. doi:10.1007/978-3-319-09066-5_6. Review. PubMed PMID: 25411147.](#)

3: [Sindou M. Is there a place for microsurgical vascular decompression of the brainstem for apparent essential blood hypertension? a review. Adv Tech Stand Neurosurg. 2015;42:69-76. doi: 10.1007/978-3-319-09066-5_4. Review. PubMed PMID: 25411145.](#)

4: [Sindou M, Esqueda-Liquidano M, Brinzeu A. Microvascular decompression for hemifacial spasm: 3-dimensional operative video. Neurosurgery. 2015 Mar;11 Suppl 2:200; discussion 200. doi: 10.1227/NEU.0000000000000573. PubMed PMID: 25255262.](#)

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- 8: Sindou M, Messerer M, Alvernia J, Saint-Pierre G. Percutaneous biopsy through the foramen ovale for parasellar lesions: surgical anatomy, method, and indications. *Adv Tech Stand Neurosurg.* 2012;38:57-73. doi: 10.1007/978-3-7091-0676-1_3. PubMed PMID: 22592411.
- 9: Sindou M. Preface. Report 2012: Intracranial aneurysms: Clips or coils. *Neurochirurgie.* 2012 Apr-Jun;58(2-3):55-8. doi: 10.1016/j.neuchi.2012.03.007. English, French. PubMed PMID: 22537588.
- 10: Sindou M. Surgery in the DREZ for refractory neuropathic pain after spinal cord/cauda equina injury. *World Neurosurg.* 2011 Mar-Apr;75(3-4):447-8. doi: 10.1016/j.wneu.2011.01.034. PubMed PMID: 21600493.
- 11: Sindou M. Operative strategies for minimizing hearing loss associated with microvascular decompression for trigeminal neuralgia. *World Neurosurg.* 2010 Jul;74(1):111-2. doi: 10.1016/j.wneu.2010.06.008. PubMed PMID: 21299996.
- 12: Sindou M. Surgery for temporo-mesial epilepsy: what best? *Acta Neurochir (Wien).* 2011 Feb;153(2):229-30. doi: 10.1007/s00701-010-0902-4. Epub 2010 Dec 9. PubMed PMID: 21153037.
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- 14: Sindou M. [Homage to Jules Hardy, pioneer of modern pituitary surgery]. *Neurochirurgie.* 2010 Aug;56(4):357. doi: 10.1016/j.neuchi.2009.11.008. Epub 2010 Jan 6. French. PubMed PMID: 20053412.
- 15: Sindou M, Ibrahim I, Maarrawi J. Chronic sub-dural hematomas: twist drill craniostomy with a closed system of drainage, for 48 hours only, is a valuable surgical treatment. *Acta Neurochir (Wien).* 2010 Mar;152(3):545-6. doi: 10.1007/s00701-009-0489-9. Epub 2009 Sep 15. PubMed PMID: 19756354.
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