

Mika Niemelä

Head of HUCH Neurosurgery, Associate Professor Head of Neurosurgery Research Group at Biomedicum Helsinki

Education: MD: 1989, University of Helsinki, Finland; Board certified neurosurgeon: 1997, University of Helsinki, Finland; PhD: 2000, University of Helsinki, Finland. Doctoral thesis: "Hemangioblastomas of the CNS and retina: impact of von Hippel-Lindau disease"; Diploma in Health Administration 2004.

Clinical interests: Vascular, skull base and brain tumors, spine

Areas of publications: Cerebrovascular diseases, brain tumors, basic research on aneurysm wall and genetics of intracranial aneurysms

Visits: Department of Neurosurgery, Brigham and Women's Hospital, Harvard Medical School, Boston USA, 2001-2002

Languages: Finnish, English, Swedish, German

Memberships: Finnish Neurosurgical Society (Treasurer 1995-1997; President 2004-2007); Scandinavian Neurosurgical Society (Vice President 2001-2003); AANS (Member 2001-); EANS (Training Committee Member 2007-2011, Vascular Committee 2012-); CNS (Publications Committee, Neuroscience committee); WFNS (Cerebrovascular Diseases and Therapy Committee 2008-); The Maire Taponen Foundation (Board Member 2012-); Petri Honkasen säätiö; HYKSin Ltd. (Director - neurosurgery 2012-), WANS 2015-

Publications as first author

1: Niemelä M, Hernesniemi J. Response to an article entitled "Fellowship training in the United States and Europe". World Neurosurg. 2014 Sep-Oct;82(3-4):e554-5. doi: 10.1016/j.wneu.2014.06.027. Epub 2014 Jun 21. PubMed PMID: 24959689.

2: Niemelä M, Marbacher S. Acute hydrocephalus after subarachnoid hemorrhage—can it be caused by water vesicles of choroid plexuses? World Neurosurg. 2013 Sep-Oct;80(3-4):307-8. doi: 10.1016/j.wneu.2013.02.021. Epub 2013 Feb 9. PubMed PMID: 23403351.

3: Niemelä M, Hernesniemi J. The risks of surgery in spontaneous supratentorial intracerebral hemorrhages. World Neurosurg. 2012 Dec;78(6):581-2. doi: 10.1016/j.wneu.2012.01.026. Epub 2012 Jan 17. PubMed PMID: 22381880.

4: Niemelä M, Kivisaari R. Transcranial Doppler: a simple way to estimate the effect of radiosurgery in arteriovenous malformations. World Neurosurg. 2012 Feb;77(2):266. doi: 10.1016/j.wneu.2011.09.047. Epub 2011 Nov 1. PubMed PMID: 22120240.

5: Niemelä M, Niemi T, Hernesniemi J. Erythropoietin and subarachnoid hemorrhage. World Neurosurg. 2010 May;73(5):461-2. doi: 10.1016/j.wneu.2010.05.043. PubMed PMID: 20920923.

6: Niemelä M, Koivisto T, Kivipelto L, Ishii K, Rinne J, Ronkainen A, Kivisaari R, Shen H, Karatas A, Lehecka M, Frösen J, Piippo A, Jääskeläinen J, Hernesniemi J. Microsurgical clipping of cerebral aneurysms after the ISAT Study. Acta Neurochir Suppl. 2005;94:3-6. PubMed PMID: 16060233.

7: Niemelä M, Mäenpää H, Salven P, Summanen P, Poussa K, Laatikainen L, Jääskeläinen J, Joensuu H. Interferon alpha-2a therapy in 18 hemangioblastomas. *Clin Cancer Res*. 2001 Mar;7(3):510-6. PubMed PMID: 11297241.

8: Niemelä M, Lemeta S, Sainio M, Rauma S, Pukkala E, Kere J, Böhling T, Laatikainen L, Jääskeläinen J, Summanen P. Hemangioblastomas of the retina: impact of von Hippel-Lindau disease. *Invest Ophthalmol Vis Sci*. 2000 Jun;41(7):1909-15. PubMed PMID: 10845616.

9: Niemelä M, Lemeta S, Summanen P, Böhling T, Sainio M, Kere J, Poussa K, Sankila R, Haapasalo H, Kääriäinen H, Pukkala E, Jääskeläinen J. Long-term prognosis of haemangioblastoma of the CNS: impact of von Hippel-Lindau disease. *Acta Neurochir (Wien)*. 1999;141(11):1147-56. PubMed PMID: 10592114.

10: Niemelä M, Lim YJ, Söderman M, Jääskeläinen J, Lindquist C. Gamma knife radiosurgery in 11 hemangioblastomas. *J Neurosurg*. 1996 Oct;85(4):591-6. PubMed PMID: 8814161.

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