

Walter Stummer es director del Servicio de Neurocirugía del Hospital de la Universidad de Münster, en Alemania.



2000 operaciones en el año 2011.

2 microscopios con plenas capacidades de cirugía guiada por fluorescencia.

El departamento cuenta con una cátedra de investigación enfocada a esta metodología.

Es líder mundial en la introducción y aplicación de tecnologías avanzadas de fluorescencia.

Desarrolló el ahora ampliamente usado método 5-ALA en colaboración con Zeiss.

Artículos publicados como primer autor

1: Stummer W, Meinel T, Ewelt C, Martus P, Jakobs O, Felsberg J, Reifenberger G. Prospective cohort study of radiotherapy with concomitant and adjuvant temozolomide chemotherapy for glioblastoma patients with no or minimal residual enhancing tumor load after surgery. J Neurooncol. 2012 May;108(1):89-97. Epub 2012 Feb 4. PubMed PMID: 22307805; PubMed Central PMCID: PMC3337400.

2: Stummer W, van den Bent MJ, Westphal M. Cytoreductive surgery of glioblastoma as the key to successful adjuvant therapies: new arguments in an old discussion. Acta Neurochir (Wien). 2011 Jun;153(6):1211-8. Epub 2011 Apr 9. PubMed PMID: 21479583.

- 3: Stummer W, Nestler U, Stockhammer F, Krex D, Kern BC, Mehdorn HM, Vince GH, Pichlmeier U. Favorable outcome in the elderly cohort treated by concomitant temozolomide radiochemotherapy in a multicentric phase II safety study of 5-ALA. *J Neurooncol*. 2011 Jun;103(2):361-70. Epub 2010 Oct 5. PubMed PMID: 20922459.
- 4: Stummer W. Comment to the article: Magnetic resonance spectroscopic imaging for visualization of the infiltration zone of glioma. *Cent Eur Neurosurg*. 2011 May;72(2):70. PubMed PMID: 21698825.
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- 6: Stummer W, Kamp MA. The importance of surgical resection in malignant glioma. *Curr Opin Neurol*. 2009 Dec;22(6):645-9. Review. PubMed PMID: 19738467.
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- 8: Stummer W, Reulen HJ, Meinel T, Pichlmeier U, Schumacher W, Tonn JC, Rohde V, Oppel F, Turowski B, Woiciechowsky C, Franz K, Pietsch T; ALA-Glioma Study Group. Extent of resection and survival in glioblastoma multiforme: identification of and adjustment for bias. *Neurosurgery*. 2008 Mar;62(3):564-76; discussion 564-76. PubMed PMID: 18425006.
- 9: Stummer W. Mechanisms of tumor-related brain edema. *Neurosurg Focus*. 2007 May 15;22(5):E8. Review. PubMed PMID: 17613239.
- 10: Stummer W. Perspectives in central nervous system malignancies. *IDrugs*. 2006 Jun;9(6):412-4. PubMed PMID: 16752310.
- 11: Stummer W, Pichlmeier U, Meinel T, Wiestler OD, Zanella F, Reulen HJ; ALA-Glioma Study Group. Fluorescence-guided surgery with 5-aminolevulinic acid for resection of malignant glioma: a randomised controlled multicentre phase III trial. *Lancet Oncol*. 2006 May;7(5):392-401. PubMed PMID: 16648043.
- 12: Stummer W, Tonn JC. [How useful are microsurgical operations in the treatment concept for glioblastoma multiforme]. *MMW Fortschr Med*. 2004 Apr 1;146(14):28-30. Review. German. PubMed PMID: 15344748.
- 13: Stummer W, Reulen HJ, Novotny A, Stepp H, Tonn JC. Fluorescence-guided resections of malignant gliomas—an overview. *Acta Neurochir Suppl*. 2003;88:9-12. PubMed PMID: 14531555.
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26: Stummer W, Weber K, Schürer L, Baethmann A, Kempfski O. Electrical impedance, rCBF, survival and histology in Mongolian gerbils with forebrain ischaemia. Acta Neurochir Suppl (Wien). 1990;51:177-9. PubMed PMID: 2089890.

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