

# Ruber International Hospital

Department of Functional Neurosurgery and Gamma Knife Radiosurgery, [Ruber International Hospital](#), Madrid, Spain.

---

## Long-Term Outcomes in the Treatment of Classical Trigeminal Neuralgia by Gamma Knife Radiosurgery: A Retrospective Study in Patients With Minimum 2-Year Follow-up

---

- 1: Torres Díaz CV, Martínez R. A Reply to "Stereotactic Ablative Surgery in Autism: A Cocktail of Lesioned Brain Targets?". *Stereotact Funct Neurosurg*. 2022 Mar 29;1-2. doi: 10.1159/000523720. Epub ahead of print. PMID: 35350033.
- 2: Maimó-Barceló A, Martín-Saiz L, Fernández JA, Pérez-Romero K, Garfias-Arjona S, Lara-Almúnia M, Piérola-Lopetegui J, Bestard-Escalas J, Barceló-Coblijn G. Polyunsaturated Fatty Acid-Enriched Lipid Fingerprint of Glioblastoma Proliferative Regions Is Differentially Regulated According to Glioblastoma Molecular Subtype. *Int J Mol Sci*. 2022 Mar 9;23(6):2949. doi: 10.3390/ijms23062949. PMID: 35328369; PMCID: PMC8949316.
- 3: Pikis S, Mantziaris G, Bunevicius A, Islim AI, Peker S, Samanci Y, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Delabar V, Mathieu D, Lee CC, Yang HC, Liscak R, May J, Alvarez RM, Patel DN, Kondziolka D, Bernstein K, Moreno NM, Tripathi M, Speckter H, Albert C, Bowden GN, Benveniste RJ, Lunsford LD, Jenkinson MD, Sheehan J. Stereotactic Radiosurgery Compared With Active Surveillance for Asymptomatic, Parafalcine, and Parasagittal Meningiomas: A Matched Cohort Analysis From the IMPASSE Study. *Neurosurgery*. 2022 Mar 25. doi: 10.1227/neu.0000000000001924. Epub ahead of print. PMID: 35319529.
- 4: Islim AI, Mantziaris G, Pikis S, Chen CJ, Bunevicius A, Peker S, Samanci Y, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Delabar V, Mathieu D, Lee CC, Yang HC, Liscak R, May J, Alvarez RM, Moreno NM, Tripathi M, Kondziolka D, Speckter H, Albert C, Bowden GN, Benveniste RJ, Lunsford LD, Sheehan JP, Jenkinson MD. Comparison of Active Surveillance to Stereotactic Radiosurgery for the Management of Patients with an Incidental Frontobasal Meningioma-A Sub-Analysis of the IMPASSE Study. *Cancers (Basel)*. 2022 Mar 3;14(5):1300. doi: 10.3390/cancers14051300. PMID: 35267608; PMCID: PMC8909178.
- 5: Kondziolka D, Bernstein K, Lee CC, Yang HC, Liscak R, May J, Martínez-Álvarez R, Martínez-Moreno N, Bunevicius A, Sheehan JP. Stereotactic radiosurgery for Rathke's cleft cysts: an international multicenter study. *J Neurosurg*. 2022 Feb 11;1-6. doi: 10.3171/2021.12.JNS212108. Epub ahead of print. PMID: 35148508.
- 6: Mantziaris G, Pikis S, Samanci Y, Peker S, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Delabar V, Mathieu D, Lee CC, Yang HC, Liscak R, Hanuska J, Alvarez RM, Moreno NM, Tripathi M, Speckter H, Albert C, Benveniste RJ, Bowden GN, Patel DN, Kondziolka D, Bernstein K, Lunsford LD, Jenkinson MD, Islim AI, Sheehan J. Stereotactic radiosurgery versus active surveillance for asymptomatic, skull-based meningiomas: an international, multicenter matched cohort study. *J Neurooncol*. 2022 Feb;156(3):509-518. doi: 10.1007/s11060-021-03923-3. Epub 2022 Jan 24. PMID: 35067846.

- 7: Pikis S, Mantziaris G, Samanci Y, Peker S, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Lee CC, Yang HC, Liscak R, Hanuska J, Alvarez RM, Moreno NM, Tripathi M, Speckter H, Albert C, Sheehan J. Stereotactic Radiosurgery for Incidentally Discovered Cavernous Sinus Meningiomas: A Multi- institutional Study. *World Neurosurg.* 2021 Nov 14;S1878-8750(21)01738-1. doi: 10.1016/j.wneu.2021.11.037. Epub ahead of print. PMID: 34785361.
- 8: Mantziaris G, Pikis S, Bunevicius A, Peker S, Samanci Y, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Delabar V, Mathieu D, Lee CC, Yang HC, Liscak R, Hanuska J, Alvarez RM, Moreno NM, Tripathi M, Speckter H, Albert C, Bowden GN, Benveniste RJ, Patel DN, Kondziolka D, Bernstein K, Lunsford LD, Sheehan J. Stereotactic radiosurgery for asymptomatic petroclival region meningiomas: a focused analysis from the IMPASSE study. *Acta Neurochir (Wien).* 2022 Jan;164(1):273-279. doi: 10.1007/s00701-021-05056-y. Epub 2021 Nov 12. PMID: 34767093.
- 9: Pomeraniec IJ, Xu Z, Lee CC, Yang HC, Chytka T, Liscak R, Martinez-Alvarez R, Martinez-Moreno N, Attuati L, Picozzi P, Kondziolka D, Mureb M, Bernstein K, Mathieu D, Maillet M, Ogino A, Long H, Kano H, Lunsford LD, Zacharia BE, Mau C, Tuanquin LC, Cifarelli C, Arsanious D, Hack J, Warnick RE, Strickland BA, Zada G, Chang EL, Speckter H, Patel S, Ding D, Sheehan D, Sheehan K, Kvint S, Buch LY, Haber AR, Shtehart J, Vance ML, Sheehan JP. Dose to neuroanatomical structures surrounding pituitary neuroendocrine tumors and the effect of stereotactic radiosurgery on neuroendocrine function: an international multicenter study. *J Neurosurg.* 2021 Sep 24;136(3):813-821. doi: 10.3171/2021.3.JNS203812. PMID: 34560630.
- 10: Torres CV, Martínez N, Ríos-Lago M, Lara M, Alvarez-Linera J, Cabanyes J, Dorado ML, Cabrera W, Rey G, Martínez-Alvarez R. Surgery and Radiosurgery in Autism: A Retrospective Study in 10 Patients. *Stereotact Funct Neurosurg.* 2021;99(6):474-483. doi: 10.1159/000516963. Epub 2021 Sep 2. PMID: 34474415.
- 11: Bunevicius A, Ahn J, Fribance S, Peker S, Hergunsel B, Sheehan D, Sheehan K, Nabeel AM, Reda WA, Tawadros SR, Abdelkarim K, El-Shehaby AMN, Emad RM, Chytka T, Liscak R, Alvarez RM, Moreno NM, Langlois AM, Mathieu D, Lee CC, Yang HC, Tripathi M, Warnick RE, Speckter H, Albert C, Picozzi P, Franzini A, Attuati L, Strickland BA, Zada G, Chang EL, Feliciano Valls CE, Carhini CH, Patel S, Sheehan J. Stereotactic Radiosurgery for Olfactory Groove Meningiomas: An International, Multicenter Study. *Neurosurgery.* 2021 Oct 13;89(5):784-791. doi: 10.1093/neuros/nyab291. PMID: 34383951.
- 12: Simón-Martínez V, Laseca-Zaballa G, Lubrini G, Periañez JA, Martínez Álvarez R, Torres-Díaz CV, Martínez Moreno N, Álvarez-Linera J, Ríos-Lago M. Cognitive deficits and clinical symptoms in patients with treatment-refractory obsessive- compulsive disorder: The role of slowness in information processing. *Psychiatry Res.* 2021 Oct;304:114143. doi: 10.1016/j.psychres.2021.114143. Epub 2021 Jul 26. PMID: 34343878.
- 13: Sheehan J, Pikis S, Islim AI, Chen CJ, Bunevicius A, Peker S, Samanci Y, Nabeel AM, Reda WA, Tawadros SR, El-Shehaby AMN, Abdelkarim K, Emad RM, Delabar V, Mathieu D, Lee CC, Yang HC, Liscak R, Hanuska J, Alvarez RM, Patel D, Kondziolka D, Moreno NM, Tripathi M, Speckter H, Albert C, Bowden GN, Benveniste RJ, Lunsford LD, Jenkinson MD. An international multicenter matched cohort analysis of incidental meningioma progression during active surveillance or after stereotactic radiosurgery: the IMPASSE study. *Neuro Oncol.* 2022 Jan 5;24(1):116-124. doi: 10.1093/neuonc/noab132. PMID: 34106275; PMCID: PMC8730768.
- 14: Bunevicius A, Fribance S, Pikis S, Lee JYK, Buch LY, Moran M, Yang AI, Bernstein K, Mathieu D, Perron R, Liscak R, Simonova G, Patel S, Trifiletti DM, Martínez Álvarez R, Martínez Moreno N, Lee CC, Yang HC, Strickland BA, Zada G, Chang EL, Kondziolka D, Sheehan J. Stereotactic Radiosurgery for Differentiated Thyroid Cancer Brain Metastases: An International, Multicenter Study. *Thyroid.* 2021

Aug;31(8):1244-1252. doi: 10.1089/thy.2020.0947. Epub 2021 May 11. PMID: 33978475.

15: Bunevicius A, Suleiman M, Patel S, Martínez Álvarez R, Martinez Moreno NE, Liscak R, Hanuska J, Langlois AM, Mathieu D, Mau C, Caldwell C, Tuanquin LC, Zacharia BE, McInerney J, Lee CC, Yang HC, Peterson JL, Trifiletti DM, Ogino A, Kano H, Warnick RE, Saylany A, Buch LY, Lee JYK, Strickland BA, Zada G, Chang EL, Lunsford LD, Sheehan J. Stereotactic radiosurgery for treatment of radiation-induced meningiomas: a multiinstitutional study. *J Neurosurg.* 2021 Jan 1:1-9. doi: 10.3171/2020.7.JNS202064. Epub ahead of print. PMID: 33385995.

16: Wu H, Hariz M, Visser-Vandewalle V, Zrinzo L, Coenen VA, Sheth SA, Bervoets C, Naesström M, Blomstedt P, Coyne T, Hamani C, Slavin K, Krauss JK, Kahl KG, Taira T, Zhang C, Sun B, Toda H, Schlaepfer T, Chang JW, Régis J, Schuurman R, Schulder M, Doshi P, Mosley P, Poologaindran A, Lázaro-Muñoz G, Pepper J, Schechtmann G, Fyttagoridis A, Huys D, Gonçalves-Ferreira A, D'Haese PF, Neimat J, Broggi G, Vilela-Filho O, Voges J, Alkhani A, Nakajima T, Richieri R, Djurfeldt D, Fontaine P, Martinez-Alvarez R, Okamura Y, Chandler J, Watanabe K, Barcia JA, Reneses B, Lozano A, Gabriëls L, De Salles A, Halpern CH, Matthews K, Fins JJ, Nuttin B. Deep brain stimulation for refractory obsessive-compulsive disorder (OCD): emerging or established therapy? *Mol Psychiatry.* 2021 Jan;26(1):60-65. doi: 10.1038/s41380-020-00933-x. Epub 2020 Nov 3. PMID: 33144712; PMCID: PMC7815503.

17: Cabrera LY, Courchesne C, Bittlinger M, Müller S, Martinez R, Racine E, Illes J. Authentic Self and Last Resort: International Perceptions of Psychiatric Neurosurgery. *Cult Med Psychiatry.* 2021 Mar;45(1):141-161. doi: 10.1007/s11013-020-09679-1. PMID: 32562138.

18: Karlsson B, Jokura H, Yang HC, Yamamoto M, Martinez R, Kawagishi J, Guo WY, Beute G, Chung WY, Söderman M, Yeo TT. Clinical outcome following cerebral AVM hemorrhage. *Acta Neurochir (Wien).* 2020 Jul;162(7):1759-1766. doi: 10.1007/s00701-020-04380-z. Epub 2020 May 8. PMID: 32385636.

19: Bargalló N, Cano-López I, Rosazza C, Vernooij MW, Smits M, Vitali P, Alvarez-Linera J, Urbach H, Mancini L, Ramos A, Yousry T. Clinical practice of language fMRI in epilepsy centers: a European survey and conclusions by the ESNR Epilepsy Working Group. *Neuroradiology.* 2020 May;62(5):549-562. doi: 10.1007/s00234-020-02397-w. Epub 2020 Mar 13. PMID: 32170372; PMCID: PMC7186249.

20: Rosenow F, Akamatsu N, Bast T, Bauer S, Baumgartner C, Benbadis S, Bermeo- Ovalle A, Beyenburg S, Bleasel A, Bozorgi A, Brázdil M, Carreño M, Delanty N, Devereaux M, Duncan J, Fernandez-Baca Vaca G, Francione S, García Losarcos N, Ghanma L, Gil-Nagel A, Hamer H, Holthausen H, Omidji SJ, Kahane P, Kalamangalam G, Kanner A, Knake S, Kovac S, Krakow K, Krämer G, Kurlemann G, Lacuey N, Landazuri P, Lim SH, Londoño LV, LoRusso G, Luders H, Mani J, Matsumoto R, Miller J, Noachtar S, O'Dwyer R, Palmini A, Park J, Reif PS, Remi J, Sakamoto AC, Schmitz B, Schubert-Bast S, Schuele S, Shahid A, Steinhoff B, Strzelczyk A, Szabo CA, Tandon N, Terada K, Toledo M, van Emde Boas W, Walker M, Widdess-Walsh P. Could the 2017 ILAE and the four-dimensional epilepsy classifications be merged to a new "Integrated Epilepsy Classification"? *Seizure.* 2020 May;78:31-37. doi: 10.1016/j.seizure.2020.02.018. Epub 2020 Mar 5. PMID: 32155575.

21: Bunevicius A, Kano H, Lee CC, Krsek M, Nabeel AM, El-Shehaby A, Abdel Karim K, Martinez-Moreno N, Mathieu D, Lee JYK, Grills I, Kondziolka D, Martinez- Alvarez R, Reda WA, Liscak R, Su YH, Lunsford LD, Lee Vance M, Sheehan JP. Early versus late Gamma Knife radiosurgery for Cushing's disease after prior resection: results of an international, multicenter study. *J Neurosurg.* 2020 Feb 21;134(3):807-815. doi: 10.3171/2019.12.JNS192836. PMID: 32084634.

22: Palmini A, Akamatsu N, Bast T, Bauer S, Baumgartner C, Benbadis S, Bermeo- Ovalle A,

Beyenburg S, Bleasel A, Bozorgi A, Brázdil M, Carreño M, Delanty N, Devereaux M, Duncan JS, Fernandez-Baca Vaca G, García Losarcos N, Ghanma L, Gil- Nagel A, Hamer H, Holthausen H, Omid S, Kahane P, Kalamangalam G, Kanner A, Knake S, Kovac S, Kraemer G, Kurlemann G, Lacuey N, Landazuri P, Hui Lim S, LoRusso G, Luders H, Mani J, Matsumoto R, Miller J, Noachtar S, O'Dwyer R, Park J, Reif PS, Rémi J, Rosenow F, Sakamoto A, Schubert-Bast S, Schuele S, Shahid A, Steinhoff JB, Strzelczyk A, Szabó C, Tandon N, Terada K, Toledo M, van Emde Boas W, Walker M, Widdess-Walsh P. From theory to practice: Critical points in the 2017 ILAE classification of epileptic seizures and epilepsies. *Epilepsia*. 2020 Feb;61(2):350-353. doi: 10.1111/epi.16426. PMID: 32073153.

23: Barba C, Cross JH, Braun K, Cossu M, Klotz KA, De Masi S, Perez Jiménez MA, Gaily E, Specchio N, Cabral P, Toulouse J, Dimova P, Battaglia D, Freri E, Consales A, Cesaroni E, Tarta-Arsene O, Gil-Nagel A, Mindruta I, Di Gennaro G, Giulioni M, Tisdall MM, Eltze C, Tahir MZ, Jansen F, van Rijen P, Sanders M, Tassi L, Francione S, Lo Russo G, Jacobs J, Bast T, Matta G, Budke M, Fournier Del Castillo C, Metsahonkala EL, Karppinen A, Ferreira JC, Minkin K, Marras CE; European Survey Group, Arzimanoglou A, Guerrini R. Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: Country-, center-, and age-specific variation. *Epilepsia*. 2020 Feb;61(2):216-227. doi: 10.1111/epi.16414. Epub 2019 Dec 26. PMID: 31876960.

24: Murphy ES, Parsai S, Kano H, Sheehan JP, Martinez-Alvarez R, Martinez-Moreno N, Kondziolka D, Simonova G, Liscak R, Mathieu D, Lee CC, Yang HC, Lee JY, McShane BJ, Fang F, Trifiletti DM, Sharma M, Barnett GH. Outcomes of stereotactic radiosurgery for pilocytic astrocytoma: an international multiinstitutional study. *J Neurosurg*. 2019 Nov 29:1-9. doi: 10.3171/2019.9.JNS191335. Epub ahead of print. PMID: 31783364.

25: Guerrero Alzola F, Casas Rivero J, Martínez-Álvarez R. Stereotactic surgery on a female patient with severe chronic anorexia nervosa: 10-year follow-up. *Eat Weight Disord*. 2020 Dec;25(6):1827-1831. doi: 10.1007/s40519-019-00787-5. Epub 2019 Oct 8. PMID: 31595460.

26: De la Casa-Fages B, Fernández-Eulate G, Gamez J, Barahona-Hernando R, Morís G, García-Barcina M, Infante J, Zulaica M, Fernández-Pelayo U, Muñoz-Oreja M, Urtasun M, Olaskoaga A, Zelaya V, Jericó I, Saez-Villaverde R, Catalina I, Sola E, Martínez-Sáez E, Pujol A, Ruiz M, Schlüter A, Spinazzola A, Muñoz-Blanco JL, Grandas F, Holt I, Álvarez V, López de Munaín A. Parkinsonism and spastic paraplegia type 7: Expanding the spectrum of mitochondrial Parkinsonism. *Mov Disord*. 2019 Oct;34(10):1547-1561. doi: 10.1002/mds.27812. Epub 2019 Aug 21. PMID: 31433872.

27: Taylor DG, Janssen A, Ding D, Xu Z, Mehta GU, Liscak R, Kano H, Kosak M, Martinez-Moreno N, Hobbs L, Chen CJ, Grills IS, Mathieu D, Lunsford LD, Vance ML, Sheehan JP. Whole Sella vs Targeted Stereotactic Radiosurgery for Acromegaly: A Multicenter Matched Cohort Study. *Neurosurgery*. 2020 May 1;86(5):656-664. doi: 10.1093/neuros/nyz245. PMID: 31384920.

28: Hung YC, Lee CC, Yang HC, Mohammed N, Kearns KN, Nabeel AM, Abdel Karim K, Emad Eldin RM, El-Shehaby AMN, Reda WA, Tawadros SR, Liscak R, Jezkova J, Lunsford LD, Kano H, Sisterson ND, Martínez Álvarez R, Martínez Moreno NE, Kondziolka D, Golfinos JG, Grills I, Thompson A, Borghei-Razavi H, Maiti TK, Barnett GH, McInerney J, Zacharia BE, Xu Z, Sheehan JP. The benefit and risk of stereotactic radiosurgery for prolactinomas: an international multicenter cohort study. *J Neurosurg*. 2019 Aug 2:1-10. doi: 10.3171/2019.4.JNS183443. Epub ahead of print. PMID: 31374549.

29: Cordeiro D, Xu Z, Mehta GU, Ding D, Vance ML, Kano H, Sisterson N, Yang HC, Kondziolka D, Lunsford LD, Mathieu D, Barnett GH, Chiang V, Lee J, Sneed P, Su YH, Lee CC, Krsek M, Liscak R, Nabeel AM, El-Shehaby A, Karim KA, Reda WA, Martinez-Moreno N, Martinez-Alvarez R, Blas K, Grills I, Lee KC, Kosak M, Cifarelli CP, Katsevman GA, Sheehan JP. Hypopituitarism after Gamma Knife radiosurgery for pituitary neuroendocrine tumors: a multicenter, international study. *J Neurosurg*.

2018 Nov 9. doi: 10.3171/2018.5.JNS18509. Epub ahead of print. PMID: 31369225.

30: Mohammed N, Ding D, Hung YC, Xu Z, Lee CC, Kano H, Martínez-Álvarez R, Martínez-Moreno N, Mathieu D, Kosak M, Cifarelli CP, Katsevman GA, Lunsford LD, Lee Vance M, Sheehan JP. Primary versus postoperative stereotactic radiosurgery for acromegaly: a multicenter matched cohort study. *J Neurosurg.* 2019 Apr 26;132(5):1507-1516. doi: 10.3171/2019.1.JNS183398. PMID: 31026829; PMCID: PMC7418066.

31: Gupta A, Shepard MJ, Xu Z, Maiti T, Martinez-Moreno N, Silverman J, Iorio- Morin C, Martinez-Alvarez R, Barnett G, Mathieu D, Borghei-Razavi H, Kondziolka D, Sheehan JP. An International Radiosurgery Research Foundation Multicenter Retrospective Study of Gamma Ventral Capsulotomy for Obsessive Compulsive Disorder. *Neurosurgery.* 2019 Dec 1;85(6):808-816. doi: 10.1093/neuros/nyy536. PMID: 30476294.

32: Wolf A, Naylor K, Tam M, Habibi A, Novotny J, Liščák R, Martinez-Moreno N, Martinez-Alvarez R, Sisterson N, Golfinos JG, Silverman J, Kano H, Sheehan J, Lunsford LD, Kondziolka D. Risk of radiation-associated intracranial malignancy after stereotactic radiosurgery: a retrospective, multicentre, cohort study. *Lancet Oncol.* 2019 Jan;20(1):159-164. doi: 10.1016/S1470-2045(18)30659-4. Epub 2018 Nov 22. Erratum in: *Lancet Oncol.* 2019 Feb;20(2):e72. PMID: 30473468.

33: Karlsson B, Jokura H, Yang HC, Yamamoto M, Martinez R, Kawagishi J, Guo WY, Beute G, Pan DHC, Aiyama H, Chung WY, Söderman M, Yeo TT. The NASSAU (New ASSESSment of cerebral Arteriovenous Malformations yet Unruptured) Analysis: Are the Results From The ARUBA Trial Also Applicable to Unruptured Arteriovenous Malformations Deemed Suitable for Gamma Knife Surgery? *Neurosurgery.* 2019 Jul 1;85(1):E118-E124. doi: 10.1093/neuros/nyy391. PMID: 30295870.

34: Spatola G, Martinez-Alvarez R, Martínez-Moreno N, Rey G, Linera J, Rios-Lago M, Sanz M, Gutiérrez J, Vidal P, Richieri R, Régis J. Results of Gamma Knife anterior capsulotomy for refractory obsessive-compulsive disorder: results in a series of 10 consecutive patients. *J Neurosurg.* 2018 Sep 14;131(2):376-383. doi: 10.3171/2018.4.JNS171525. PMID: 30215566.

35: Gupta A, Xu Z, Kano H, Sisterson N, Su YH, Krsek M, Nabeel AM, El-Shehaby A, Karim KA, Martínez-Moreno N, Mathieu D, McShane BJ, Martínez-Álvarez R, Reda WA, Liscak R, Lee CC, Lunsford LD, Sheehan JP. Upfront Gamma Knife radiosurgery for Cushing's disease and acromegaly: a multicenter, international study. *J Neurosurg.* 2018 Aug 17;131(2):532-538. doi: 10.3171/2018.3.JNS18110. PMID: 30117768.

36: Shepard MJ, Mehta GU, Xu Z, Kano H, Sisterson N, Su YH, Krsek M, Nabeel AM, El-Shehaby A, Kareem KA, Martinez-Moreno N, Mathieu D, McShane BJ, Blas K, Kondziolka D, Grills I, Lee JY, Martinez-Alvarez R, Reda WA, Liscak R, Lee CC, Lunsford LD, Lee Vance M, Sheehan JP. Technique of Whole-Sellar Stereotactic Radiosurgery for Cushing Disease: Results from a Multicenter, International Cohort Study. *World Neurosurg.* 2018 Aug;116:e670-e679. doi: 10.1016/j.wneu.2018.05.067. Epub 2018 May 18. PMID: 29783006.

37: Ding D, Mehta GU, Patibandla MR, Lee CC, Liscak R, Kano H, Pai FY, Kosak M, Sisterson ND, Martinez-Alvarez R, Martinez-Moreno N, Mathieu D, Grills IS, Blas K, Lee K, Cifarelli CP, Katsevman GA, Lee JYK, McShane B, Kondziolka D, Lunsford LD, Vance ML, Sheehan JP. Stereotactic Radiosurgery for Acromegaly: An International Multicenter Retrospective Cohort Study. *Neurosurgery.* 2019 Mar 1;84(3):717-725. doi: 10.1093/neuros/nyy178. Erratum in: *Neurosurgery.* 2018 Nov 1;83(5):1084. PMID: 29757421; PMCID: PMC6505445.

38: Tuleasca C, Régis J, Sahgal A, De Salles A, Hayashi M, Ma L, Martínez- Álvarez R, Paddick I, Ryu S,

Slotman BJ, Levivier M. Stereotactic radiosurgery for trigeminal neuralgia: a systematic review. *J Neurosurg.* 2018 Apr 27;130(3):733-757. doi: 10.3171/2017.9.JNS17545. PMID: 29701555.

39: Skorvanek M, Martinez-Martin P, Kovacs N, Zezula I, Rodriguez-Violante M, Corvol JC, Taba P, Seppi K, Levin O, Schrag A, Aviles-Olmos I, Alvarez-Sanchez M, Arakaki T, Aschermann Z, Benchetrit E, Benoit C, Bergareche-Yarza A, Cervantes-Arriaga A, Chade A, Cormier F, Datieva V, Gallagher DA, Garretto N, Gdovinova Z, Gershanik O, Grofik M, Han V, Kadastik-Eerme L, Kurtis MM, Mangone G, Martinez-Castrillo JC, Mendoza-Rodriguez A, Minar M, Moore HP, Muldmaa M, Mueller C, Pinter B, Poewe W, Rallmann K, Reiter E, Rodriguez-Blazquez C, Singer C, Valkovic P, Goetz CG, Stebbins GT. Relationship between the MDS-UPDRS and Quality of Life: A large multicenter study of 3206 patients. *Parkinsonism Relat Disord.* 2018 Jul;52:83-89. doi: 10.1016/j.parkreldis.2018.03.027. Epub 2018 Mar 28. PMID: 29625875.

40: Lee CC, Trifiletti DM, Sahgal A, DeSalles A, Fariselli L, Hayashi M, Levivier M, Ma L, Álvarez RM, Paddick I, Regis J, Ryu S, Slotman B, Sheehan J. Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomas-International Stereotactic Radiosurgery Society (ISRS) Practice Guideline: A Systematic Review. *Neurosurgery.* 2018 Dec 1;83(6):1128-1142. doi: 10.1093/neuros/nyy009. PMID: 29554317.

41: Lehtimäki K, Coenen VA, Gonçalves Ferreira A, Boon P, Elger C, Taylor RS, Ryvlin P, Gil-Nagel A, Gielen F, Brionne TC, Abouihia A, Beth G; MORE investigators. The Surgical Approach to the Anterior Nucleus of Thalamus in Patients With Refractory Epilepsy: Experience from the International Multicenter Registry (MORE). *Neurosurgery.* 2019 Jan 1;84(1):141-150. doi: 10.1093/neuros/nyy023. PMID: 29554309.

42: Mehta GU, Ding D, Gupta A, Kano H, Sisterson ND, Martinez-Moreno N, Kršek M, Yang HC, Lee CC, Liščák R, Martinez-Alvarez R, Lunsford LD, Vance ML, Sheehan JP. Repeat stereotactic radiosurgery for Cushing's disease: outcomes of an international, multicenter study. *J Neurooncol.* 2018 Jul;138(3):519-525. doi: 10.1007/s11060-018-2817-5. Epub 2018 Mar 3. PMID: 29500664.

43: Martínez-Moreno NE, Sahgal A, De Salles A, Hayashi M, Levivier M, Ma L, Paddick I, Régis J, Ryu S, Slotman BJ, Martínez-Álvarez R. Stereotactic radiosurgery for tremor: systematic review. *J Neurosurg.* 2018 Feb 1:1-12. doi: 10.3171/2017.8.JNS17749. Epub ahead of print. PMID: 29473775.

44: Tsao MN, Sahgal A, Xu W, De Salles A, Hayashi M, Levivier M, Ma L, Martinez R, Régis J, Ryu S, Slotman BJ, Paddick I. Stereotactic radiosurgery for vestibular schwannoma: International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. *J Radiosurg SBRT.* 2017;5(1):5-24. PMID: 29296459; PMCID: PMC5675503.

45: Chao ST, De Salles A, Hayashi M, Levivier M, Ma L, Martinez R, Paddick I, Régis J, Ryu S, Slotman BJ, Sahgal A. Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metastases: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. *Neurosurgery.* 2018 Sep 1;83(3):345-353. doi: 10.1093/neuros/nyx522. PMID: 29126142.

46: Kano H, Meola A, Yang HC, Guo WY, Martínez-Alvarez R, Martínez-Moreno N, Urgosik D, Liscak R, Cohen-Inbar O, Sheehan J, Lee JYK, Abbassy M, Barnett GH, Mathieu D, Kondziolka D, Lunsford LD. Stereotactic radiosurgery for jugular foramen schwannomas: an international multicenter study. *J Neurosurg.* 2018 Oct;129(4):928-936. doi: 10.3171/2017.5.JNS162894. Epub 2017 Nov 10. PMID: 29125412.

47: McGonigal A, Sahgal A, De Salles A, Hayashi M, Levivier M, Ma L, Martinez R, Paddick I, Ryu S, Slotman BJ, Régis J. Radiosurgery for epilepsy: Systematic review and International Stereotactic

Radiosurgery Society (ISRS) practice guideline. *Epilepsy Res.* 2017 Nov;137:123-131. doi: 10.1016/j.epilepsyres.2017.08.016. Epub 2017 Sep 20. PMID: 28939289.

48: Mehta GU, Ding D, Patibandla MR, Kano H, Sisterson N, Su YH, Krsek M, Nabeel AM, El-Shehaby A, Kareem KA, Martinez-Moreno N, Mathieu D, McShane B, Blas K, Kondziolka D, Grills I, Lee JY, Martinez-Alvarez R, Reda WA, Liscak R, Lee CC, Lunsford LD, Vance ML, Sheehan JP. Stereotactic Radiosurgery for Cushing Disease: Results of an International, Multicenter Study. *J Clin Endocrinol Metab.* 2017 Nov 1;102(11):4284-4291. doi: 10.1210/jc.2017-01385. PMID: 28938462.

49: Myrehaug S, Sahgal A, Hayashi M, Levivier M, Ma L, Martinez R, Paddick I, Régis J, Ryu S, Slotman B, De Salles A. Reirradiation spine stereotactic body radiation therapy for spinal metastases: systematic review. *J Neurosurg Spine.* 2017 Oct;27(4):428-435. doi: 10.3171/2017.2.SPINE16976. Epub 2017 Jul 14. PMID: 28708043.

50: Husain ZA, Sahgal A, De Salles A, Funaro M, Glover J, Hayashi M, Hiraoka M, Levivier M, Ma L, Martínez-Alvarez R, Paddick JI, Régis J, Slotman BJ, Ryu S. Stereotactic body radiotherapy for de novo spinal metastases: systematic review. *J Neurosurg Spine.* 2017 Sep;27(3):295-302. doi: 10.3171/2017.1.SPINE16684. Epub 2017 Jun 9. PMID: 28598293.

51: Vogt VL, Äikiä M, Del Barrio A, Boon P, Borbély C, Bran E, Braun K, Carette E, Clark M, Cross JH, Dimova P, Fabo D, Foroglou N, Francione S, Gersamia A, Gil-Nagel A, Guekht A, Harrison S, Hecimovic H, Heminghyt E, Hirsch E, Javurkova A, Kälviäinen R, Kavan N, Kelemen A, Kimiskidis VK, Kirschner M, Kleitz C, Kobulashvili T, Kosmidis MH, Kurtish SY, Lesourd M, Ljunggren S, Lossius MI, Malmgren K, Mameniskienė R, Martin-Sanfilippo P, Marusic P, Miatton M, Özkara Ç, Pelle F, Rubboli G, Rudebeck S, Ryvlin P, van Schooneveld M, Schmid E, Schmidt PM, Seeck M, Steinhoff BJ, Shavel-Jessop S, Tarta-Arsene O, Trinka E, Viggedal G, Wendling AS, Witt JA, Helmstaedter C; E-PILEPSY consortium. Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. *Epilepsia.* 2017 Mar;58(3):343-355. doi: 10.1111/epi.13646. Epub 2017 Jan 9. PMID: 28067423.

52: Martínez Moreno NE, Gutiérrez-Sárraga J, Rey-Portolés G, Jiménez-Huete A, Martínez Álvarez R. Long-Term Outcomes in the Treatment of Classical Trigeminal Neuralgia by Gamma Knife Radiosurgery: A Retrospective Study in Patients With Minimum 2-Year Follow-up. *Neurosurgery.* 2016 Dec;79(6):879-888. doi: 10.1227/NEU.0000000000001404. PMID: 27560193.

53: Beniczky S, Neufeld M, Diehl B, Dobesberger J, Trinka E, Mameniskiene R, Rheims S, Gil-Nagel A, Craiu D, Pressler R, Krysl D, Lebedinsky A, Tassi L, Rubboli G, Ryvlin P. Testing patients during seizures: A European consensus procedure developed by a joint taskforce of the ILAE - Commission on European Affairs and the European Epilepsy Monitoring Unit Association. *Epilepsia.* 2016 Sep;57(9):1363-8. doi: 10.1111/epi.13472. Epub 2016 Jul 21. PMID: 27440172.

54: Lee CC, Sheehan JP, Kano H, Akpınar B, Martinez-Alvarez R, Martinez-Moreno N, Guo WY, Lunsford LD, Liu KD. Gamma Knife radiosurgery for hemangioma of the cavernous sinus. *J Neurosurg.* 2017 May;126(5):1498-1505. doi: 10.3171/2016.4.JNS152097. Epub 2016 Jun 24. PMID: 27341049.

55: Schurr J, Coras R, Rössler K, Pieper T, Kudernatsch M, Holthausen H, Winkler P, Woermann F, Bien CG, Polster T, Schulz R, Kalbhenn T, Urbach H, Becker A, Grunwald T, Huppertz HJ, Gil-Nagel A, Toledano R, Feucht M, Mühlebner A, Czech T, Blümcke I. Mild Malformation of Cortical Development with Oligodendroglial Hyperplasia in Frontal Lobe Epilepsy: A New Clinico-Pathological Entity. *Brain Pathol.* 2017 Jan;27(1):26-35. doi: 10.1111/bpa.12347. Epub 2016 Feb 22. PMID: 26748554; PMCID: PMC8029051.

56: Torres-Martín M, Kusak ME, Isla A, Burbano RR, Pinto GR, Melendez B, Castresana JS, Rey JA.

Whole exome sequencing in a case of sporadic multiple meningioma reveals shared NF2, FAM109B, and TPRXL mutations, together with unique SMARCB1 alterations in a subset of tumor nodules. *Cancer Genet.* 2015 Jun;208(6):327-32. doi: 10.1016/j.cancergen.2015.03.012. Epub 2015 Apr 11. PMID: 25981829.

57: Martínez-Álvarez R, Martínez-Moreno N, Kusak ME, Rey-Portolés G. Glossopharyngeal neuralgia and radiosurgery. *J Neurosurg.* 2014 Dec;121 Suppl:222-5. doi: 10.3171/2014.8.GKS141273. PMID: 25434956.

58: Paúl L, Casasco A, Kusak ME, Martínez N, Rey G, Martínez R. Results for a series of 697 arteriovenous malformations treated by gamma knife: influence of angiographic features on the obliteration rate. *Neurosurgery.* 2014 Nov;75(5):568-83; discussion 582-3; quiz 583. doi: 10.1227/NEU.0000000000000506. PMID: 25050575.

59: Martinez R, Bravo G, Burzaco J, Rey G. Pituitary tumors and gamma knife surgery. Clinical experience with more than two years of follow-up. *Stereotact Funct Neurosurg.* 1998 Oct;70 Suppl 1:110-8. doi: 10.1159/000056413. PMID: 9782242.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=ruber\\_international\\_hospital](https://neurosurgerywiki.com/wiki/doku.php?id=ruber_international_hospital)

Last update: **2024/06/07 02:57**

