

SUPPLEMENTARY REFERENCES

- S1. Al-Shahi Salman R, White PM, Counsell CE, du Plessis J, van Beijnum J, Josephson CB, et al.; Scottish Audit of Intracranial Vascular Malformations Collaborators. Outcome after conservative management or intervention for unruptured brain arteriovenous malformations. *JAMA* 2014;311:1661-1669
- S2. Bervini D, Morgan MK, Ritson EA, Heller G. Surgery for unruptured arteriovenous malformations of the brain is better than conservative management for selected cases: a prospective cohort study. *J Neurosurg* 2014;121:878-890
- S3. Halim AX, Johnston SC, Singh V, McCulloch CE, Bennett JP, Achrol AS, et al. Longitudinal risk of intracranial hemorrhage in patients with arteriovenous malformation of the brain within a defined population. *Stroke* 2004;35:1697-1702
- S4. Hanakita S, Shin M, Koga T, Igaki H, Saito N. Risk reduction of cerebral stroke after stereotactic radiosurgery for small unruptured brain arteriovenous malformations. *Stroke* 2016;47:1247-1252
- S5. Jiao Y, Lin F, Wu J, Li H, Wang L, Jin Z, et al. A supplementary grading scale combining lesion-to-eloquence distance for predicting surgical outcomes of patients with brain arteriovenous malformations. *J Neurosurg* 2018;128:530-540
- S6. Koltz MT, Polifka AJ, Saltos A, Slawson RG, Kwok Y, Aldrich EF, et al. Long-term outcome of Gamma Knife stereotactic radiosurgery for arteriovenous malformations graded by the Spetzler-Martin classification. *J Neurosurg* 2013;118:74-83
- S7. Laakso A, Dashti R, Juvela S, Isarakul P, Niemelä M, Hernesniemi J. Risk of hemorrhage in patients with untreated Spetzler-Martin grade IV and V arteriovenous malformations: a long-term follow-up study in 63 patients. *Neurosurgery* 2011;68:372-377; discussion 378
- S8. Lang M, Moore NZ, Rasmussen PA, Bain MD. Treatment outcomes of a randomized trial of unruptured brain arteriovenous malformation-eligible unruptured brain arteriovenous malformation patients. *Neurosurgery* 2018;83:548-555
- S9. Lv X, Wu Z, Jiang C, Li Y, Yang X, Zhang Y, et al. Endovascular treatment accounts for a change in brain arteriovenous malformation natural history risk. *Interv Neuroradiol* 2010;16:127-132
- S10. Nerva JD, Mantovani A, Barber J, Kim LJ, Rockhill JK, Hallam DK, et al. Treatment outcomes of unruptured arteriovenous malformations with a subgroup analysis of ARUBA (a randomized trial of unruptured brain arteriovenous malformations)-eligible patients. *Neurosurgery* 2015;76:563-570; discussion 570; quiz 570
- S11. Nerva JD, Barber J, Levitt MR, Rockhill JK, Hallam DK, Ghodke BV, et al. Onyx embolization prior to stereotactic radiosurgery for brain arteriovenous malformations: a single-center treatment algorithm. *J Neurointerv Surg* 2018;10:258-267
- S12. Thenier-Villa JL, Galárraga-Campoverde RA, Martínez Rolán RM, De La Lama Zaragoza AR, Martínez Cueto P, Muñoz Garzón V, et al. Linear accelerator stereotactic radiosurgery of central nervous system arteriovenous malformations: a 15-year analysis of outcome-related factors in a single tertiary center. *World Neurosurg* 2017;103:291-302
- S13. Yang SY, Kim DG, Chung HT, Paek SH, Park JH, Han DH. Radiosurgery for large cerebral arteriovenous malformations. *Acta Neurochir (Wien)* 2009;151:113-124
- S14. Yang SY, Paek SH, Kim DG, Chung HT. Quality of life after radiosurgery for cerebral arteriovenous malformation patients who present with seizure. *Eur J Neurol* 2012;19:984-991