

Intracranial Aneurysm Natural History

- [Ruptured isolated spinal artery aneurysms: a rare manifestation of an arterial dissecting disease](#)
- [DWI-based deep learning radiomics nomogram for predicting the impaired quality of life in patients with unruptured intracranial aneurysm developing new iatrogenic cerebral infarcts following stent placement: a multicenter cohort study](#)
- [Conservative management of 661 patients with unruptured intracranial aneurysms: an observational study over 4 decades](#)
- [Flow reversal bypass surgery for giant intracranial aneurysms: illustrative cases](#)
- [Current status and prospects of endovascular treatment for intracranial vertebral artery aneurysms: A narrative review](#)
- [Natural history of small incidental intracranial aneurysms: a systematic review and pooled analysis on the influence of follow-up duration and aneurysm location on rupture risk reporting](#)
- [Predicting the natural history of unruptured brain arteriovenous malformations: external validation of rupture risk scores](#)
- [Microsurgical clipping of ruptured basilar artery perforator aneurysms in the endovascular era: A single-center experience](#)

Although certain intrinsic and extrinsic factors have consistently been found to be associated with a higher risk of rupture in various studies, there is still a lack of a complete understanding of the [natural history](#) of [intracranial aneurysms](#). In addition, in further analysis of the known [risk factors](#), some discrepancies start to emerge. For example, although [aneurysm size](#) is a well-documented risk factor, the optimal cutoff size is yet to be defined. [Intracranial aneurysm location](#) can also affect [rupture](#) risk independently of size. In addition, with the increasing number of [population](#)-based studies, certain reports of interracial differences have emerged, further adding to the complexity of the matter ^{1) 2)}.

see [Spontaneous disappearance of intracranial aneurysm](#)

Unclassified

1: Foreman PM, Salem MM, Griessenauer CJ, Dmytriw AA, Parra-Farinas C, Nicholson P, Limbucci N, Kühn AL, Puri AS, Renieri L, Nappini S, Kicieliński KP, Bugarini A, Pereira VM, Marotta TR, Schirmer CM, Ogilvy CS, Thomas AJ. Flow Diversion for Treatment of Partially Thrombosed Aneurysms: A Multicenter Cohort. *World Neurosurg.* 2019 Nov 21. pii: S1878-8750(19)32924-9. doi: 10.1016/j.wneu.2019.11.084. [Epub ahead of print] PubMed PMID: 31760188.

2: Dmytriw AA, Bisson DA, Phan K, Amirabadi A, Branson H, Dirks PB, Shroff M, Muthusami P. Locations, associations and temporal evolution of intracranial arterial infundibular dilatations in children. *J Neurointerv Surg.* 2019 Nov 7. pii: neurintsurg-2019-015433. doi: 10.1136/neurintsurg-2019-015433. [Epub ahead of print] PubMed PMID: 31699885.

3: İnci S, Akbay A, Aslan T. The Longest Angiographic and Clinical Follow-Up of Microsurgically Treated Giant Intracranial Aneurysms: Experience with 70 Cases. *World Neurosurg.* 2019 Oct 23. pii: S1878-8750(19)32704-4. doi: 10.1016/j.wneu.2019.10.085. [Epub ahead of print] PubMed PMID: 31655236.

4: Liu H, Guo W, Xiang S, Hu P, Sun F, Gao J, Zhang X, Wang P, Jing W, Zhang L, Yang X, Duan C, He M, Zhang H, Qu Y. The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol

of a multi-center registration study in CIAP. *J Transl Med.* 2019 Oct 22;17(1):349. doi: 10.1186/s12967-019-2092-z. PubMed PMID: 31640726; PubMed Central PMCID: PMC6805494.

5: Huang H, O'Neill AH, Chandra RV, Lai LT. Asymptomatic Intracranial Aneurysms in the Elderly: Long-Term Clinical and Radiologic Follow-Up of 193 Consecutive Patients. *World Neurosurg.* 2019 Sep 27. pii: S1878-8750(19)32534-3. doi: 10.1016/j.wneu.2019.09.103. [Epub ahead of print] PubMed PMID: 31568912.

6: Xue G, Tang H, Liu P, Zuo Q, Yang P, Zhou Y, Li Q, Fang Y, Huang Q, Hong B, Xu Y, Zhao R, Liu J. Safety and Long-term Efficacy of Stent-assisted Coiling for the Treatment of Complex Posterior Cerebral Artery Aneurysms. *Clin Neuroradiol.* 2019 Aug 15. doi: 10.1007/s00062-019-00825-w. [Epub ahead of print] PubMed PMID: 31418047.

7: Zhou S, Xie P, Quoibion A, Ambalavanan A, Dionne-Laporte A, Spiegelman D, Bourassa CV, Xiong L, Dion PA, Rouleau GA. Genetic architecture and adaptations of Nunavik Inuit. *Proc Natl Acad Sci U S A.* 2019 Aug 6;116(32):16012-16017. doi: 10.1073/pnas.1810388116. Epub 2019 Jul 22. PubMed PMID: 31332017; PubMed Central PMCID: PMC6689950.

8: Shcheglov D, Bortnik I, Svyrydiuk O, Vyval M, Gunia D. CEREBRAL ARTERIOVENOUS MALFORMATION WITH PARANIDAL ANEURYSMS. CLINICAL COURSE AND OUTCOME AFTER ENDOVASCULAR EMBOLIZATION. *Georgian Med News.* 2019 May;(290):38-44. PubMed PMID: 31322512.

9: Yue H, Ling W, Hanmin C, Yibo O, Po Z, Dongsheng G, Lanzino G. Progressive Pure Arterial Malformations of the Anterior Cerebral Artery. *World Neurosurg.* 2019 Nov;131:e52-e64. doi: 10.1016/j.wneu.2019.07.020. Epub 2019 Jul 8. PubMed PMID: 31295621.

10: Bijlenga P, Morel S, Hirsch S, Schaller K, Rüfenacht D. Plea for an international Aneurysm Data Bank: description and perspectives. *Neurosurg Focus.* 2019 Jul 1;47(1):E17. doi: 10.3171/2019.4.FOCUS19185. PubMed PMID: 31261121.

11: Nakamura H, Kawahara I, Chikamatsu G, Ozono K, Hiu T, Ono T, Haraguchi W, Ushijima R, Tsutsumi K. [A Rare Case of Spontaneous Thrombosis and Recanalization of a Ruptured Small Aneurysm in the Distal Posterior Inferior Cerebellar Artery]. *No Shinkei Geka.* 2019 Jun;47(6):647-652. doi: 10.11477/mf.1436203999. Japanese. PubMed PMID: 31235667.

12: Zheng SF, Lin P, Lin ZY, Shang-Guan HC, Chen GR, Zhang YB, Lin YX, Kang DZ, Yao PS. Lower Serum Iron and Hemoglobin Levels are Associated with Acute Seizures in Patients with Ruptured Cerebral Aneurysms. *Neurocrit Care.* 2019 Dec;31(3):501-506. doi: 10.1007/s12028-019-00746-z. PubMed PMID: 31161421.

13: Bisson DA, Dirks P, Amirabadi A, Shroff MM, Krings T, Pereira VM, Muthusami P. Unruptured intracranial aneurysms in children: 18 years' experience in a tertiary care pediatric institution. *J Neurosurg Pediatr.* 2019 May 24;1-6. doi: 10.3171/2019.4.PEDS18703. [Epub ahead of print] PubMed PMID: 31125959.

14: Slator N, Talibi SS, Mundil N, Thomas A, Lamin S, Walsh R, Rodrigues D, Solanki GA. Paediatric intracranial aneurysms: a British institutional review. *Childs Nerv Syst.* 2019 Jul;35(7):1197-1205. doi: 10.1007/s00381-019-04159-3. Epub 2019 May 14. PubMed PMID: 31089852.

15: Sorenson TJ, Lanzino G, Flemming KD, Nasr DM, Chiu SY, Pollock BE, Brinjikji W. Clinical outcome of brainstem arteriovenous malformations after incomplete nidus obliteration. *J Clin Neurosci.* 2019

Jul;65:66-70. doi: 10.1016/j.jocn.2019.03.009. Epub 2019 Mar 15. PubMed PMID: 30885595.

16: Yamada H, Saga I, Kojima A, Horiguchi T. Short-Term Spontaneous Resolution of Ruptured Peripheral Aneurysm in Moyamoya Disease. *World Neurosurg*. 2019 Jun;126:247-251. doi: 10.1016/j.wneu.2019.02.193. Epub 2019 Mar 12. PubMed PMID: 30877003.

17: Ogilvy CS, Jordan NJ, Ascanio LC, Enriquez-Marulanda AA, Salem MM, Moore JM, Thomas AJ. Surgical and Endovascular Comprehensive Treatment Outcomes of Unruptured Intracranial Aneurysms: Reduction of Treatment Bias. *World Neurosurg*. 2019 Jun;126:e878-e887. doi: 10.1016/j.wneu.2019.03.005. Epub 2019 Mar 11. PubMed PMID: 30872200.

18: Madaelil TP, Grossberg JA, Howard BM, Cawley CM, Dion J, Nogueira RG, Haussen DC, Tong FC. Aneurysm Remnants after Flow Diversion: Clinical and Angiographic Outcomes. *AJNR Am J Neuroradiol*. 2019 Apr;40(4):694-698. doi: 10.3174/ajnr.A6010. Epub 2019 Mar 7. PubMed PMID: 30846433.

19: Chien A, Callender RA, Yokota H, Salamon N, Colby GP, Wang AC, Szeder V, Jahan R, Tateshima S, Villablanca J, Duckwiler G, Vinuela F, Ye Y, Hildebrandt MAT. Unruptured intracranial aneurysm growth trajectory: occurrence and rate of enlargement in 520 longitudinally followed cases. *J Neurosurg*. 2019 Mar 1:1-11. doi: 10.3171/2018.11.JNS181814. [Epub ahead of print] PubMed PMID: 30835694.

20: Dacus MR, Nickelle C, Welch BG, Ban VS, Ringer AJ, Kim LJ, Levitt MR, Lanzino G, Kan P, Arthur AS; Endovascular Neurosurgery Research Group (ENRG). Matricidal cavernous aneurysms: a multicenter case series. *J Neurointerv Surg*. 2019 Jun;11(6):584-590. doi: 10.1136/neurintsurg-2018-014562. Epub 2019 Feb 27. PubMed PMID: 30814330.

21: Krueger EM, Trombly R, Guglielmi G, Farhat H. Delayed Rupture of a Cortical Traumatic Intracranial Aneurysm. *Cureus*. 2018 Nov 27;10(11):e3643. doi: 10.7759/cureus.3643. PubMed PMID: 30723642; PubMed Central PMCID: PMC6351004.

22: Vercelli G, Sorenson TJ, Aljobeh AZ, Vine R, Lanzino G. Cavernous sinus aneurysms: risk of growth over time and risk factors. *J Neurosurg*. 2019 Jan 11:1-5. doi: 10.3171/2018.8.JNS182029. [Epub ahead of print] PubMed PMID: 30641845.

23: Munich SA, Brunet MC, Starke RM, Morcos JJ. Clipping of Basilar Perforator Pure Arterial Malformation Aneurysm: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2019 Aug 1;17(2):E67. doi: 10.1093/ons/opy382. PubMed PMID: 30551187.

24: Shi H, Wee CK, John S. Post-thrombolysis rupture of small lenticulostriate aneurysms: A report of 2 consecutive cases. *J Clin Neurosci*. 2019 Feb;60:148-150. doi: 10.1016/j.jocn.2018.10.087. Epub 2018 Oct 24. PubMed PMID: 30528357.

25: Plitt AR, Patel AR, McDougall CM, Halderman AA, Barnett SL, Welch BG. Combined Microsurgical, Endovascular, and Endoscopic Approach to the Treatment of a Giant Vertebrobasilar Aneurysm. *Oper Neurosurg (Hagerstown)*. 2019 Aug 1;17(2):149-156. doi: 10.1093/ons/opy341. PubMed PMID: 30476195.

26: Masoud H, Nair V, Odulate-Williams A, Sharma S, Gould G, Thatcher J, Nguyen TN. Incidence of Aneurysmal Subarachnoid Hemorrhage with Procedures Requiring General Anesthesia in Patients with Unruptured Intracranial Aneurysms. *Interv Neurol*. 2018 Oct;7(6):452-456. doi: 10.1159/000490582. Epub 2018 Jul 18. PubMed PMID: 30410524; PubMed Central PMCID: PMC6216785.

27: Vourla E, Filis A, Cornelius JF, Bostelmann R, Turowski B, Kalakoti P, Rubbert C, Suresh MP, Tortora

- A, Steiger HJ, Petridis AK. Natural History of De Novo Aneurysm Formation in Patients with Treated Aneurysmatic Subarachnoid Hemorrhage: A Ten-Year Follow-Up. *World Neurosurg.* 2019 Feb;122:e291-e295. doi: 10.1016/j.wneu.2018.10.022. Epub 2018 Oct 12. PubMed PMID: 30321678.
- 28: Zheng J, Xu R, Liu G, Guo Z, Sun X. Effect of premorbid hypertension control on outcome of patients with aneurysmal subarachnoid hemorrhage. *Acta Neurochir (Wien).* 2018 Dec;160(12):2401-2407. doi: 10.1007/s00701-018-3699-1. Epub 2018 Oct 12. PubMed PMID: 30315363.
- 29: Juvela S. Growth and rupture of unruptured intracranial aneurysms. *J Neurosurg.* 2018 Sep 14;131(3):843-851. doi: 10.3171/2018.4.JNS18687. PubMed PMID: 30215563.
- 30: Luzzi S, Gallieni M, Del Maestro M, Trovarelli D, Ricci A, Galzio R. Giant and Very Large Intracranial Aneurysms: Surgical Strategies and Special Issues. *Acta Neurochir Suppl.* 2018;129:25-31. doi: 10.1007/978-3-319-73739-3_4. PubMed PMID: 30171310.
- 31: Martínez-Pérez R, Tsimpas A, Ruiz Á, Montivero A, Mura J. Spontaneous Regression of a True Intracanalicular Fusiform Ophthalmic Artery Aneurysm After Endovascular Treatment of an Associated Dural Arteriovenous Fistula. *World Neurosurg.* 2018 Nov;119:362-365. doi: 10.1016/j.wneu.2018.08.018. Epub 2018 Aug 14. PubMed PMID: 30114538.
- 32: Wang Y, Leng X, Zhou X, Li W, Siddiqui AH, Xiang J. Hemodynamics in a Middle Cerebral Artery Aneurysm Before Its Growth and Fatal Rupture: Case Study and Review of the Literature. *World Neurosurg.* 2018 Nov;119:e395-e402. doi: 10.1016/j.wneu.2018.07.174. Epub 2018 Jul 30. Review. PubMed PMID: 30071328.
- 33: Leng X, Wang Y, Xu J, Jiang Y, Zhang X, Xiang J. Numerical simulation of patient-specific endovascular stenting and coiling for intracranial aneurysm surgical planning. *J Transl Med.* 2018 Jul 21;16(1):208. doi: 10.1186/s12967-018-1573-9. PubMed PMID: 30031395; PubMed Central PMCID: PMC6054731.
- 34: Das KK, Singh G, Pandey S, Bhaisora KS, Jaiswal A, Behari S. Completely Thrombosed Giant Intracranial Aneurysm with Spontaneous Thrombosis of the Parent Artery: Is It Nature's Divine Intervention and a Self-Cure? *World Neurosurg.* 2018 Oct;118:132-138. doi: 10.1016/j.wneu.2018.07.072. Epub 2018 Jul 17. PubMed PMID: 30026148.
- 35: Sorenson TJ, Vine R, Lanzino G. Unruptured intracranial aneurysms in patients over 80 years: natural history and management implications. *Acta Neurochir (Wien).* 2018 Sep;160(9):1773-1777. doi: 10.1007/s00701-018-3590-0. Epub 2018 Jul 7. PubMed PMID: 29982888.
- 36: Wu CX, Ma L, Chen XZ, Chen XL, Chen Y, Zhao YL, Hess C, Kim H, Jin HW, Ma J. Evaluation of Angioarchitectural Features of Unruptured Brain Arteriovenous Malformation by Susceptibility Weighted Imaging. *World Neurosurg.* 2018 Aug;116:e1015-e1022. doi: 10.1016/j.wneu.2018.05.151. Epub 2018 May 30. PubMed PMID: 29859363.
- 37: Toth G, Cerejo R. Intracranial aneurysms: Review of current science and management. *Vasc Med.* 2018 Jun;23(3):276-288. doi: 10.1177/1358863x18754693. PubMed PMID: 29848228.
- 38: Li Y, Corriveau M, Aagaard-Kienitz B, Ahmed A, Niemann D. Differences in Pressure Within the Sac of Human Ruptured and Nonruptured Cerebral Aneurysms. *Neurosurgery.* 2019 Jun 1;84(6):1261-1268. doi: 10.1093/neuros/nyy182. PubMed PMID: 29741656.

- 39: Schmalz PGR, Enriquez-Marulanda A, Alturki A, Stapleton CJ, Thomas AJ, Ogilvy CS. Combined Outcomes of Endovascular or Surgical Treatment of Unruptured Anterior Communicating Artery Aneurysms: Is a More Aggressive Management Strategy Warranted? *World Neurosurg*. 2018 Jul;115:e331-e336. doi: 10.1016/j.wneu.2018.04.046. Epub 2018 Apr 17. PubMed PMID: 29673817.
- 40: Malhotra A, Wu X, Geng B, Hersey D, Gandhi D, Sanelli P. Management of Small Unruptured Intracranial Aneurysms: A Survey of Neuroradiologists. *AJNR Am J Neuroradiol*. 2018 May;39(5):875-880. doi: 10.3174/ajnr.A5631. Epub 2018 Apr 12. PubMed PMID: 29650787.
- 41: Brinjikji W, Chung B, Yong-Hong D, Wald JT, Mut F, Kadirvel R, Kallmes DF, Rouchaud A, Lanzino G, Czeisler JR. Hemodynamic characteristics of stable and unstable vertebrobasilar dolichoectatic and fusiform aneurysms. *J Neurointerv Surg*. 2018 Nov;10(11):1102-1107. doi: 10.1136/neurintsurg-2018-013756. Epub 2018 Mar 16. PubMed PMID: 29549120.
- 42: Liu J, Chen Y, Lan L, Lin B, Chen W, Wang M, Li R, Yang Y, Zhao B, Hu Z, Duan Y. Prediction of rupture risk in anterior communicating artery aneurysms with a feed-forward artificial neural network. *Eur Radiol*. 2018 Aug;28(8):3268-3275. doi: 10.1007/s00330-017-5300-3. Epub 2018 Feb 23. PubMed PMID: 29476219.
- 43: Riccardello GJ Jr, Changa AR, Al-Mufti F, Singh IP, Gandhi C, Roman M, Prestigiacomo CJ. Hemodynamic impingement and the initiation of intracranial side-wall aneurysms. *Interv Neuroradiol*. 2018 Jun;24(3):288-296. doi: 10.1177/1591019918754380. Epub 2018 Feb 14. PubMed PMID: 29444617; PubMed Central PMCID: PMC5967187.
- 44: Nasr DM, Flemming KD, Lanzino G, Cloft HJ, Kallmes DF, Murad MH, Brinjikji W. Natural History of Vertebrobasilar Dolichoectatic and Fusiform Aneurysms: A Systematic Review and Meta-Analysis. *Cerebrovasc Dis*. 2018;45(1-2):68-77. doi: 10.1159/000486866. Epub 2018 Feb 13. PubMed PMID: 29439265.
- 45: Flores PL, Haglund F, Bhogal P, Yeo Leong Litt L, Södermann M. The dynamic natural history of cerebral aneurysms from cardiac myxomas: A review of the natural history of myxomatous aneurysms. *Interv Neuroradiol*. 2018 Jun;24(3):277-283. doi: 10.1177/1591019917754070. Epub 2018 Jan 31. Review. PubMed PMID: 29383976; PubMed Central PMCID: PMC5967186.
- 46: Huh CW, Jin SC. Ruptured dissecting aneurysm in communicating internal carotid artery segments treated using a stent-assisted endovascular technique. *Interv Neuroradiol*. 2018 Apr;24(2):130-134. doi: 10.1177/1591019917747244. Epub 2018 Jan 22. PubMed PMID: 29357768; PubMed Central PMCID: PMC5847009.
- 47: Khattar NK, White AC, Fortuny EM, Hruska RT, James RF. Management of Unruptured Traumatic Middle Meningeal Artery Pseudoaneurysms through Onyx Embolization. *Cureus*. 2017 Oct 23;9(10):e1794. doi: 10.7759/cureus.1794. PubMed PMID: 29282438; PubMed Central PMCID: PMC5741278.
- 48: Can A, Du R. Neurosurgical Issues in Pregnancy. *Semin Neurol*. 2017 Dec;37(6):689-693. doi: 10.1055/s-0037-1607430. Epub 2017 Dec 21. Review. PubMed PMID: 29270942.
- 49: Szajer J, Ho-Shon K. A comparison of 4D flow MRI-derived wall shear stress with computational fluid dynamics methods for intracranial aneurysms and carotid bifurcations - A review. *Magn Reson Imaging*. 2018 May;48:62-69. doi: 10.1016/j.mri.2017.12.005. Epub 2017 Dec 6. Review. PubMed PMID: 29223732.
- 50: Saeyeldin AA, Velasquez CA, Mahmood SUB, Brownstein AJ, Zafar MA, Ziganshin BA, Eleftheriades

JA. Thoracic aortic aneurysm: unlocking the “silent killer” secrets. *Gen Thorac Cardiovasc Surg*. 2019 Jan;67(1):1-11. doi: 10.1007/s11748-017-0874-x. Epub 2017 Dec 4. Review. PubMed PMID: 29204794.

51: Eliava S, Dmitriev A, Shekhtman O, Yakovlev S, Kheireddin A, Pilipenko Y. Treatment of Brain Arteriovenous Malformations with Hemodynamic Aneurysms: A Series of 131 Consecutive Cases. *World Neurosurg*. 2018 Feb;110:e917-e927. doi: 10.1016/j.wneu.2017.11.114. Epub 2017 Nov 28. PubMed PMID: 29191549.

52: Cagnazzo F, Peluso A, Vannozzi R, Brinjikji W, Lanzino G, Perrini P. Arterial aneurysms associated with intracranial dural arteriovenous fistulas: epidemiology, natural history, and management. A systematic review. *Neurosurg Rev*. 2019 Jun;42(2):277-285. doi: 10.1007/s10143-017-0929-6. Epub 2017 Nov 25. PubMed PMID: 29177821.

53: Li M, Wu J, Chen X, Jiang P, Yang F, Ma Y, Li Z, Cao Y, Wang S. Symptomatic and silent cerebral infarction following surgical clipping of unruptured intracranial aneurysms: incidence, risk factors, and clinical outcome. *Neurosurg Rev*. 2018 Apr;41(2):675-682. doi: 10.1007/s10143-017-0913-1. Epub 2017 Oct 5. PubMed PMID: 28983720.

54: Brinjikji W, Cloft HJ, Flemming KD, Comelli S, Lanzino G. Pure arterial malformations. *J Neurosurg*. 2018 Jul;129(1):91-99. doi: 10.3171/2017.2.JNS1744. Epub 2017 Sep 29. PubMed PMID: 28960150.

55: Gilard V, Terrier L, Langlois O, Derrey S, Curey S, Proust F. Untreated unruptured aneurysm: Natural history at long-term. *Neurochirurgie*. 2017 Sep;63(4):282-285. doi: 10.1016/j.neuchi.2016.10.014. Epub 2017 Sep 1. PubMed PMID: 28867172.

56: Niemczyk M, Gradzik M, Fliszkiewicz M, Kulesza A, Gołębiowski M, Pączek L. Natural history of intracranial aneurysms in autosomal dominant polycystic kidney disease. *Neurol Neurochir Pol*. 2017 Nov - Dec;51(6):476-480. doi: 10.1016/j.pjnns.2017.08.007. Epub 2017 Aug 18. PubMed PMID: 28843770.

57: Shakur SF, Carlson AP, Harris D, Alaraj A, Charbel FT. Rupture After Bypass and Distal Occlusion of Giant Anterior Circulation Aneurysms. *World Neurosurg*. 2017 Sep;105:1040.e7-1040.e13. doi: 10.1016/j.wneu.2017.06.153. Epub 2017 Jul 3. PubMed PMID: 28684368.

58: Longo M, Granata F, Racchiusa S, Mormina E, Grasso G, Longo GM, Garufi G, Salpietro FM, Alafaci C. Role of Hemodynamic Forces in Unruptured Intracranial Aneurysms: An Overview of a Complex Scenario. *World Neurosurg*. 2017 Sep;105:632-642. doi: 10.1016/j.wneu.2017.06.035. Epub 2017 Jun 12. Review. PubMed PMID: 28619494.

59: Wang L, Lu S, Qian H, Shi X. Internal Maxillary Artery Bypass with Radial Artery Graft Treatment of Giant Intracranial Aneurysms. *World Neurosurg*. 2017 Sep;105:568-584. doi: 10.1016/j.wneu.2017.06.014. Epub 2017 Jun 10. PubMed PMID: 28610970.

60: Mocco J, Brown RD Jr, Torner JC, Capuano AW, Fargen KM, Raghavan ML, Piepgras DG, Meissner I, Huston J III; International Study of Unruptured Intracranial Aneurysms Investigators. Aneurysm Morphology and Prediction of Rupture: An International Study of Unruptured Intracranial Aneurysms Analysis. *Neurosurgery*. 2018 Apr 1;82(4):491-496. doi: 10.1093/neuros/nyx226. PubMed PMID: 28605486; PubMed Central PMCID: PMC6256940.

61: Malhotra A, Wu X, Forman HP, Grossetta Nardini HK, Matouk CC, Gandhi D, Moore C, Sanelli P. Growth and Rupture Risk of Small Unruptured Intracranial Aneurysms: A Systematic Review. *Ann Intern Med*. 2017 Jul 4;167(1):26-33. doi: 10.7326/M17-0246. Epub 2017 Jun 6. Review. Erratum in:

Ann Intern Med. 2018 Dec 4;169(11):824. PubMed PMID: 28586893.

62: Boulouis G, Rodriguez-Régent C, Rasolonjatovo EC, Ben Hassen W, Trystram D, Edjlali-Goujon M, Meder JF, Oppenheim C, Naggara O. Unruptured intracranial aneurysms: An updated review of current concepts for risk factors, detection and management. *Rev Neurol (Paris)*. 2017 Nov;173(9):542-551. doi: 10.1016/j.neurol.2017.05.004. Epub 2017 Jun 3. Review. PubMed PMID: 28583271.

63: Awad AJ, Mascitelli JR, Haroun RR, De Leacy RA, Fifi JT, Mocco J. Endovascular management of fusiform aneurysms in the posterior circulation: the era of flow diversion. *Neurosurg Focus*. 2017 Jun;42(6):E14. doi: 10.3171/2017.3.FOCUS1748. Review. PubMed PMID: 28565985.

64: Petr O, Burrows AM, Brinjikji W, Brown RD, Lanzino G. Management of patients with an unruptured intracranial aneurysm and a history of malignancy. *J Neurosurg Sci*. 2017 May 31. doi: 10.23736/S0390-5616.17.04080-2. [Epub ahead of print] PubMed PMID: 28565897.

65: Morgan MK, Davidson AS, Assaad NNA, Stoodley MA. Critical review of brain AVM surgery, surgical results and natural history in 2017. *Acta Neurochir (Wien)*. 2017 Aug;159(8):1457-1478. doi: 10.1007/s00701-017-3217-x. Epub 2017 May 29. Review. PubMed PMID: 28555270.

66: Zhou Z, Xu Y, Delcourt C, Shan J, Li Q, Xu J, Hackett ML. Is Regular Screening for Intracranial Aneurysm Necessary in Patients with Autosomal Dominant Polycystic Kidney Disease? A Systematic Review and Meta-analysis. *Cerebrovasc Dis*. 2017;44(1-2):75-82. doi: 10.1159/000476073. Epub 2017 May 13. Review. PubMed PMID: 28502970.

67: Hishikawa T, Date I. Unruptured Cerebral Aneurysms in Elderly Patients. *Neurol Med Chir (Tokyo)*. 2017 Jun 15;57(6):247-252. doi: 10.2176/nmc.ra.2016-0286. Epub 2017 Apr 19. Review. PubMed PMID: 28428448; PubMed Central PMCID: PMC5495955.

68: Xu DS, Levitt MR, Kalani MYS, Rangel-Castilla L, Mulholland CB, Abecassis IJ, Morton RP, Nerva JD, Siddiqui AH, Levy EI, Spetzler RF, Albuquerque FC, McDougall CG. Dolichoectatic aneurysms of the vertebrobasilar system: clinical and radiographic factors that predict poor outcomes. *J Neurosurg*. 2018 Feb;128(2):560-566. doi: 10.3171/2016.10.JNS161041. Epub 2017 Apr 7. PubMed PMID: 28387624.

69: Juvela S, Korja M. Intracranial Aneurysm Parameters for Predicting a Future Subarachnoid Hemorrhage: A Long-Term Follow-up Study. *Neurosurgery*. 2017 Sep 1;81(3):432-440. doi: 10.1093/neuros/nyw049. PubMed PMID: 28327974.

70: Shah SS, Gersey ZC, Nuh M, Ghonim HT, Elhammady MS, Peterson EC. Microsurgical versus endovascular interventions for blood-blister aneurysms of the internal carotid artery: systematic review of literature and meta-analysis on safety and efficacy. *J Neurosurg*. 2017 Dec;127(6):1361-1373. doi: 10.3171/2016.9.JNS161526. Epub 2017 Feb 17. PubMed PMID: 28298019.

71: Ferracci FX, Gilard V, Cebula H, Magne N, Lejeune JP, Langlois O, Proust F. Growth of giant intracranial aneurysms: An aneurysmal wall disorder? *Neurochirurgie*. 2017 Mar;63(1):6-12. doi: 10.1016/j.neuchi.2017.01.001. Epub 2017 Mar 8. PubMed PMID: 28284448.

72: Brinjikji W, Nasr DM, Flemming KD, Rouchaud A, Cloft HJ, Lanzino G, Kallmes DF. Clinical and Imaging Characteristics of Diffuse Intracranial Dolichoectasia. *AJNR Am J Neuroradiol*. 2017 May;38(5):915-922. doi: 10.3174/ajnr.A5102. Epub 2017 Mar 2. PubMed PMID: 28255032.

73: Korja M, Kivisaari R, Rezai Jahromi B, Lehto H. Natural History of Ruptured but Untreated Intracranial Aneurysms. *Stroke*. 2017 Apr;48(4):1081-1084. doi: 10.1161/STROKEAHA.116.015933.

Epub 2017 Mar 1. PubMed PMID: 28250196.

74: Lai LT, O'Neill AH. History, Evolution, and Continuing Innovations of Intracranial Aneurysm Surgery. *World Neurosurg.* 2017 Jun;102:673-681. doi: 10.1016/j.wneu.2017.02.006. Epub 2017 Feb 9. Review. PubMed PMID: 28189863.

75: Safavi-Abbasi S, Kalani MYS, Frock B, Sun H, Yagmurlu K, Moron F, Snyder LA, Hlubek RJ, Zabramski JM, Nakaji P, Spetzler RF. Techniques and outcomes of microsurgical management of ruptured and unruptured fusiform cerebral aneurysms. *J Neurosurg.* 2017 Dec;127(6):1353-1360. doi: 10.3171/2016.9.JNS161165. Epub 2017 Feb 10. PubMed PMID: 28186451.

76: Fargen KM, Soriano-Baron HE, Rushing JT, Mack W, Mocco J, Albuquerque F, Ducruet AF, Mokin M, Linfante I, Wolfe SQ, Wilson JA, Hirsch JA. A survey of intracranial aneurysm treatment practices among United States physicians. *J Neurointerv Surg.* 2018 Jan;10(1):44-49. doi: 10.1136/neurintsurg-2016-012808. Epub 2017 Feb 9. PubMed PMID: 28184003.

77: Liu Y, Shi X, Liu F, Sun Y, Qian H, Lei T. Bilateral cavernous carotid aneurysms treated by two-stage extracranial-intracranial bypass followed by parent artery occlusion: case report and literature review. *Acta Neurochir (Wien).* 2017 Sep;159(9):1693-1698. doi: 10.1007/s00701-017-3101-8. Epub 2017 Feb 8. Review. PubMed PMID: 28181086.

78: Flemming KD, Lanzino G. Management of Unruptured Intracranial Aneurysms and Cerebrovascular Malformations. *Continuum (Minneap Minn).* 2017 Feb;23(1, Cerebrovascular Disease):181-210. doi: 10.1212/CON.0000000000000418. Review. PubMed PMID: 28157750.

79: De Groote M, Van der Niepen P, Hemelsoet D, Callewaert B, Vermassen F, Billiouw JM, De Vriese A, Donck J, De Backer T. Fibromuscular dysplasia - results of a multicentre study in Flanders. *Vasa.* 2017 May;46(3):211-218. doi: 10.1024/0301-1526/a000613. Epub 2017 Feb 3. PubMed PMID: 28157058.

80: Fernandes ST, Alves RV, Dória-Netto HL, Puglia Júnior P, Rivau FR, Jory M. Treatment of complex intracranial aneurysm: Case report of the simultaneous use of endovascular and microsurgical techniques. *Surg Neurol Int.* 2016 Dec 21;7(Suppl 41):S1060-S1064. doi: 10.4103/2152-7806.196375. eCollection 2016. PubMed PMID: 28144484; PubMed Central PMCID: PMC5234295.

81: Beneš V Rd, Jurák L, Brabec R, Nechanická N, Šercl M, Endrych L, Buchvald P, Suchomel P. Causes of poor outcome in patients admitted with good-grade subarachnoid haemorrhage. *Acta Neurochir (Wien).* 2017 Mar;159(3):559-565. doi: 10.1007/s00701-017-3081-8. Epub 2017 Jan 20. PubMed PMID: 28108855.

82: Trivelato FP, Rezende MTS, Fonseca LV, Bonadio LE, Ulhôa AC, Abud DG. Pipeline embolization device for the treatment of a traumatic intracranial aneurysm in a child. *Childs Nerv Syst.* 2017 May;33(5):869-872. doi: 10.1007/s00381-016-3334-5. Epub 2017 Jan 7. PubMed PMID: 28064352.

83: Buell TJ, Ding D, Raper DMS, Chen CJ, Hixson HR, Crowley RW, Evans AJ, Jensen ME, Liu KC. Posterior circulation perforator aneurysms: a proposed management algorithm. *J Neurointerv Surg.* 2018 Jan;10(1):55-59. doi: 10.1136/neurintsurg-2016-012891. Epub 2017 Jan 6. PubMed PMID: 28062803.

84: Abboud T, Rustom J, Bester M, Czorlich P, Vittorazzi E, Pinnschmidt HO, Westphal M, Regelsberger J. Morphology of Ruptured and Unruptured Intracranial Aneurysms. *World Neurosurg.* 2017 Mar;99:610-617. doi: 10.1016/j.wneu.2016.12.053. Epub 2016 Dec 23. PubMed PMID: 28017741.

- 85: Uchikawa H, Nishi T, Kaku Y, Goto T, Kuratsu JI, Yano S. Delayed Development of Aneurysms Following Gamma Knife Surgery for Trigeminal Neuralgia: Report of 2 Cases. *World Neurosurg.* 2017 Mar;99:813.e13-813.e19. doi: 10.1016/j.wneu.2016.11.069. Epub 2016 Nov 24. PubMed PMID: 27890752.
- 86: Marbacher S, Diepers M, Kahles T, Nedeltchev K, Remonda L, Fandino J. Interdisciplinary decision-making and treatment of intracranial aneurysms in the era of complementary microsurgical and endovascular techniques. *Swiss Med Wkly.* 2016 Oct 26;146:w14372. doi: 10.4414/smw.2016.14372. eCollection 2016. Review. PubMed PMID: 27878787.
- 87: Rinaldo L, Shepherd DL, Murphy ME, Vine RL, Brown RD Jr, Rabinstein AA, Lanzino G. Natural history of untreated unruptured intracranial aneurysms in the elderly. *J Neurosurg Sci.* 2016 Nov 16. [Epub ahead of print] PubMed PMID: 27849112.
- 88: Finitis S, Derelle AL, Tonnelet R, Anxionnat R, Bracard S. Basilar Perforator Aneurysms: Presentation of 4 Cases and Review of the Literature. *World Neurosurg.* 2017 Jan;97:366-373. doi: 10.1016/j.wneu.2016.10.038. Epub 2016 Oct 15. Review. PubMed PMID: 27751930.
- 89: Cagnazzo F, Brinjikji W, Lanzino G. Arterial aneurysms associated with arteriovenous malformations of the brain: classification, incidence, risk of hemorrhage, and treatment-a systematic review. *Acta Neurochir (Wien).* 2016 Nov;158(11):2095-2104. Epub 2016 Sep 19. PubMed PMID: 27644700.
- 90: La Pira B, Brinjikji W, Burrows AM, Cloft HJ, Vine RL, Lanzino G. Unruptured internal carotid artery bifurcation aneurysms: general features and overall results after modern treatment. *Acta Neurochir (Wien).* 2016 Nov;158(11):2053-2059. Epub 2016 Sep 19. PubMed PMID: 27644699.
- 91: Aishima K, Shimizu T, Aihara M, Yoshimoto Y. Lifetime Effects of Small Unruptured Intracranial Aneurysms. *World Neurosurg.* 2016 Nov;95:434-440. doi: 10.1016/j.wneu.2016.08.060. Epub 2016 Aug 25. PubMed PMID: 27567575.
- 92: Nasr DM, Brown RD Jr. Management of Unruptured Intracranial Aneurysms. *Curr Cardiol Rep.* 2016 Sep;18(9):86. doi: 10.1007/s11886-016-0763-4. Review. PubMed PMID: 27443382.
- 93: Paschoal EHA, Yamaki VN, Teixeira RKC, Paschoal Junior FM, Jong-A-Liem GS, Teixeira MJ, Yamada ES, Ribeiro-Dos-Santos Â, Bor-Seng-Shu E. Relationship between endothelial nitric oxide synthase (eNOS) and natural history of intracranial aneurysms: meta-analysis. *Neurosurg Rev.* 2018 Jan;41(1):87-94. doi: 10.1007/s10143-016-0761-4. Epub 2016 Jun 23. Review. PubMed PMID: 27339197.
- 94: Gillani RL, Podraza KM, Luthra N, Origitano TC, Schneck MJ. Factors Influencing the Management of Unruptured Intracranial Aneurysms. *Cureus.* 2016 May 4;8(5):e601. doi: 10.7759/cureus.601. PubMed PMID: 27335713; PubMed Central PMCID: PMC4895076.
- 95: Satti SR, Vance AZ, Fowler D, Farmah AV, Sivapatham T. Basilar artery perforator aneurysms (BAPAs): review of the literature and classification. *J Neurointerv Surg.* 2017 Jul;9(7):669-673. doi: 10.1136/neurintsurg-2016-012407. Epub 2016 Jun 14. Review. PubMed PMID: 27302158.
- 96: Ambekar S, Khandelwal P, Bhattacharya P, Watanabe M, Yavagal DR. Treatment of unruptured intracranial aneurysms: a review. *Expert Rev Neurother.* 2016 Oct;16(10):1205-16. doi: 10.1080/14737175.2016.1199958. Epub 2016 Jul 4. Review. PubMed PMID: 27292542.
- 97: Xu K, Yu T, Guo Y, Yu J. Study and Therapeutic Progress on Intracranial Serpentine Aneurysms. *Int*

J Med Sci. 2016 May 26;13(6):432-9. doi: 10.7150/ijms.14934. eCollection 2016. Review. PubMed PMID: 27279792; PubMed Central PMCID: PMC4893557.

98: Flores BC, Patel AR, Braga BP, Weprin BE, Batjer HH. Management of infectious intracranial aneurysms in the pediatric population. *Childs Nerv Syst.* 2016 Jul;32(7):1205-17. doi: 10.1007/s00381-016-3101-7. Epub 2016 May 14. Review. PubMed PMID: 27179531.

99: de Aguiar GB, Pagotto MV, Conti ML, Veiga JC. Spontaneous thrombosis of giant intracranial aneurysm and posterior cerebral artery followed by also spontaneous recanalization. *Surg Neurol Int.* 2016 Feb 8;7:15. doi: 10.4103/2152-7806.175898. eCollection 2016. PubMed PMID: 26958421; PubMed Central PMCID: PMC4766803.

100: Yu B, Zheng J, Hong Y, Chen L, Xi Z, Yu M, Que Z, Liu Y. Stent-Assisted Coil Embolization of Ruptured Supraclinoid Blood Blister-Like Aneurysm of Internal Carotid Artery. *Turk Neurosurg.* 2016;26(2):219-22. doi: 10.5137/1019-5149.JTN.7657-12.2. PubMed PMID: 26956816.

101: Teo M, St George EJ. Radiologic Surveillance of Untreated Unruptured Intracranial Aneurysms: A Single Surgeon's Experience. *World Neurosurg.* 2016 Jun;90:20-28. doi: 10.1016/j.wneu.2016.02.008. Epub 2016 Feb 26. PubMed PMID: 26921702.

102: Byoun HS, Huh W, Oh CW, Bang JS, Hwang G, Kwon OK. Natural History of Unruptured Intracranial Aneurysms : A Retrospective Single Center Analysis. *J Korean Neurosurg Soc.* 2016 Jan;59(1):11-6. doi: 10.3340/jkns.2016.59.1.11. Epub 2016 Jan 20. PubMed PMID: 26885281; PubMed Central PMCID: PMC4754582.

103: Wang CB, Shi WW, Zhang GX, Lu HC, Ma J. Flow diverter treatment of posterior circulation aneurysms. A meta-analysis. *Neuroradiology.* 2016 Apr;58(4):391-400. doi: 10.1007/s00234-016-1649-2. Epub 2016 Jan 22. Review. PubMed PMID: 26801480; PubMed Central PMCID: PMC4819826.

104: Stein KP, Wanke I, Forsting M, Oezkan N, Huetter BO, Sandalcioglu IE, Sure U. Associated Aneurysms in Infratentorial Arteriovenous Malformations: Role of Aneurysm Size and Comparison with Supratentorial Lesions. *Cerebrovasc Dis.* 2016;41(5-6):219-25. doi: 10.1159/000443540. Epub 2016 Jan 22. PubMed PMID: 26795269.

105: Safavi-Abbasi S, Moron F, Sun H, Oppenlander ME, Kalani MY, Mulholland CB, Zabramski JM, Nakaji P, Spetzler RF. Techniques and long-term outcomes of cotton-clipping and cotton-augmentation strategies for management of cerebral aneurysms. *J Neurosurg.* 2016 Sep;125(3):720-9. doi: 10.3171/2015.7.JNS151165. Epub 2016 Jan 15. PubMed PMID: 26771857.

106: Murayama Y, Takao H, Ishibashi T, Saguchi T, Ebara M, Yuki I, Arakawa H, Irie K, Urashima M, Molyneux AJ. Risk Analysis of Unruptured Intracranial Aneurysms: Prospective 10-Year Cohort Study. *Stroke.* 2016 Feb;47(2):365-71. doi: 10.1161/STROKEAHA.115.010698. Epub 2016 Jan 7. PubMed PMID: 26742803.

107: Lv N, Feng Z, Wang C, Cao W, Fang Y, Karmonik C, Liu J, Huang Q. Morphological Risk Factors for Rupture of Small (<7 mm) Posterior Communicating Artery Aneurysms. *World Neurosurg.* 2016 Mar;87:311-5. doi: 10.1016/j.wneu.2015.12.055. Epub 2015 Dec 24. PubMed PMID: 26724608.

108: Brinjikji W, Zhu YQ, Lanzino G, Cloft HJ, Murad MH, Wang Z, Kallmes DF. Risk Factors for Growth of Intracranial Aneurysms: A Systematic Review and Meta-Analysis. *AJNR Am J Neuroradiol.* 2016 Apr;37(4):615-20. doi: 10.3174/ajnr.A4575. Epub 2015 Nov 26. Review. PubMed PMID: 26611992.

- 109: Nasr DM, Brinjikji W, Rouchaud A, Kadirvel R, Flemming KD, Kallmes DF. Imaging Characteristics of Growing and Ruptured Vertebrobasilar Non-Saccular and Dolichoectatic Aneurysms. *Stroke*. 2016 Jan;47(1):106-12. doi: 10.1161/STROKEAHA.115.011671. Epub 2015 Nov 24. PubMed PMID: 26604246.
- 110: Lonjon M, Pennes F, Sedat J, Bataille B. Epidemiology, genetic, natural history and clinical presentation of giant cerebral aneurysms. *Neurochirurgie*. 2015 Dec;61(6):361-5. doi: 10.1016/j.neuchi.2015.08.003. Epub 2015 Dec 1. Review. PubMed PMID: 26598391.
- 111: Berge J, Blanco P, Rooryck C, Boursier R, Marnat G, Gariel F, Wavasseur T, Desal H, Dousset V. Understanding flow patterns and inflammatory status in intracranial aneurysms: Towards a personalized medicine. *J Neuroradiol*. 2016 Mar;43(2):141-7. doi: 10.1016/j.neurad.2015.09.005. Epub 2015 Nov 14. Review. PubMed PMID: 26585527.
- 112: Anil G, Goddard AJ, Ross SM, Deniz K, Patankar T. WEB in Partially Thrombosed Intracranial Aneurysms: A Word of Caution. *AJNR Am J Neuroradiol*. 2016 May;37(5):892-6. doi: 10.3174/ajnr.A4604. Epub 2015 Nov 19. PubMed PMID: 26585255.
- 113: Yang W, Liu A, Hung AL, Braileanu M, Wang JY, Caplan JM, Colby GP, Coon AL, Tamargo RJ, Ahn ES, Huang J. Lower Risk of Intracranial Arteriovenous Malformation Hemorrhage in Patients With Hereditary Hemorrhagic Telangiectasia. *Neurosurgery*. 2016 May;78(5):684-93. doi: 10.1227/NEU.0000000000001103. PubMed PMID: 26540357.
- 114: Beez T, Steiger HJ, Hänggi D. Evolution of Management of Intracranial Aneurysms in Children: A Systematic Review of the Modern Literature. *J Child Neurol*. 2016 May;31(6):773-83. doi: 10.1177/0883073815609153. Epub 2015 Oct 29. Review. PubMed PMID: 26516106.
- 115: Shimizu K, Imamura H, Mineharu Y, Adachi H, Sakai C, Sakai N. Endovascular Treatment of Unruptured Paraclinoid Aneurysms: Single-Center Experience with 400 Cases and Literature Review. *AJNR Am J Neuroradiol*. 2016 Apr;37(4):679-85. doi: 10.3174/ajnr.A4577. Epub 2015 Oct 29. PubMed PMID: 26514613.
- 116: Han MS, Joo SP, Jung SH, Kim TS. Specific and helpful intraoperative indocyanine green videoangiography finding of blood blister-like aneurysm of internal carotid artery. *Acta Neurochir (Wien)*. 2015 Nov;157(11):1849-54. doi: 10.1007/s00701-015-2579-1. Epub 2015 Sep 16. PubMed PMID: 26374443.
- 117: Perrini P, Montemurro N, Caniglia M, Lazzarotti G, Benedetto N. Wrapping of intracranial aneurysms: Single-center series and systematic review of the literature. *Br J Neurosurg*. 2015;29(6):785-91. doi: 10.3109/02688697.2015.1071320. Epub 2015 Aug 24. PubMed PMID: 26313119.
- 118: Xu K, Chen X, Piao J, Yu J. Remote Multiple Intraparenchymal Hemorrhages Following Aneurysmal Clipping of the Anterior Communicating Artery: A Case Report and Literature Review. *Turk Neurosurg*. 2015;25(4):653-6. doi: 10.5137/1019-5149.JTN.9150-13.0. PubMed PMID: 26242346.
- 119: Liu A, Huang J. Treatment of Intracranial Aneurysms: Clipping Versus Coiling. *Curr Cardiol Rep*. 2015 Sep;17(9):628. doi: 10.1007/s11886-015-0628-2. Review. PubMed PMID: 26238743.
- 120: Rahme R, Vyas NA. Recurrent Perimesencephalic Subarachnoid Hemorrhage After 12 Years: Missed Diagnosis, Vulnerable Anatomy, or Random Events? *World Neurosurg*. 2015 Dec;84(6):2076.e7-11. doi: 10.1016/j.wneu.2015.07.040. Epub 2015 Jul 22. PubMed PMID: 26210714.

- 121: Bar B, MacKenzie L, Hurst RW, Grant R, Weigle J, Bhalla PK, Kumar MA, Stiefel MF, Levine JM. Hyperacute Vasospasm After Aneurysmal Subarachnoid Hemorrhage. *Neurocrit Care*. 2016 Apr;24(2):180-8. doi: 10.1007/s12028-015-0177-y. PubMed PMID: 26198438.
- 122: Ajiboye N, Chalouhi N, Starke RM, Zanaty M, Bell R. Unruptured Cerebral Aneurysms: Evaluation and Management. *ScientificWorldJournal*. 2015;2015:954954. doi: 10.1155/2015/954954. Epub 2015 Jun 4. Review. PubMed PMID: 26146657; PubMed Central PMCID: PMC4471401.
- 123: Thompson BG, Brown RD Jr, Amin-Hanjani S, Broderick JP, Cockcroft KM, Connolly ES Jr, Duckwiler GR, Harris CC, Howard VJ, Johnston SC, Meyers PM, Molyneux A, Ogilvy CS, Ringer AJ, Torner J; American Heart Association Stroke Council, Council on Cardiovascular and Stroke Nursing, and Council on Epidemiology and Prevention; American Heart Association; American Stroke Association. Guidelines for the Management of Patients With Unruptured Intracranial Aneurysms: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. *Stroke*. 2015 Aug;46(8):2368-400. doi: 10.1161/STR.0000000000000070. Epub 2015 Jun 18. PubMed PMID: 26089327.
- 124: Jang EW, Kim YB, Chung J, Suh SH, Hong CK, Joo JY. Clinical Risk Factors Affecting Procedure-Related Major Neurological Complications in Unruptured Intracranial Aneurysms. *Yonsei Med J*. 2015 Jul;56(4):987-92. doi: 10.3349/ymj.2015.56.4.987. PubMed PMID: 26069121; PubMed Central PMCID: PMC4479867.
- 125: Goksu E, Korkmaz E, Akyuz M, Ozgur O, Sindel T, Tuncer R. The analysis of long-term follow-up screening in patients with surgically treated intracranial aneurysms. *Turk Neurosurg*. 2015;25(3):404-9. doi: 10.5137/1019-5149.JTN.10299-14.3. PubMed PMID: 26037180.
- 126: Alexiades NG, Ellis JA, Meyers PM, Connolly ES Jr. Subarachnoid hemorrhage then thrombosis of posterior inferior cerebellar artery dissection: is early surgical exploration warranted? *J Neurointerv Surg*. 2016 Jun;8(6):e22. doi: 10.1136/neurintsurg-2015-011740.rep. Epub 2015 May 18. PubMed PMID: 25987592.
- 127: Alexiades NG, Ellis JA, Meyers PM, Connolly ES Jr. Subarachnoid hemorrhage then thrombosis of posterior inferior cerebellar artery dissection: is early surgical exploration warranted? *BMJ Case Rep*. 2015 May 12;2015. pii: bcr2015011740. doi: 10.1136/bcr-2015-011740. PubMed PMID: 25969489; PubMed Central PMCID: PMC4434310.
- 128: Griessenauer CJ, Foreman P, Shoja MM, Kicieliński KP, Deveikis JP, Walters BC, Harrigan MR. Carotid and vertebral injury study (CAVIS) technique for characterization of blunt traumatic aneurysms with reliability assessment. *Interv Neuroradiol*. 2015 Apr;21(2):255-62. doi: 10.1177/1591019915582165. Epub 2015 May 5. PubMed PMID: 25943846; PubMed Central PMCID: PMC4757231.
- 129: McDonald RJ, McDonald JS, Kallmes DF, Lanzino G, Cloft HJ. Periprocedural safety of Pipeline therapy for unruptured cerebral aneurysms: Analysis of 279 Patients in a multihospital database. *Interv Neuroradiol*. 2015 Feb;21(1):6-10. doi: 10.1177/1591019915576289. PubMed PMID: 25934768; PubMed Central PMCID: PMC4757207.
- 130: Brinjikji W, Ding YH, Kallmes DF, Kadirvel R. From bench to bedside: utility of the rabbit elastase aneurysm model in preclinical studies of intracranial aneurysm treatment. *J Neurointerv Surg*. 2016 May;8(5):521-5. doi: 10.1136/neurintsurg-2015-011704. Epub 2015 Apr 22. Review. PubMed PMID: 25904642; PubMed Central PMCID: PMC4932861.

- 131: Kim H, Nelson J, Krings T, terBrugge KG, McCulloch CE, Lawton MT, Young WL, Faughnan ME; Brain Vascular Malformation Consortium HHT Investigator Group. Hemorrhage rates from brain arteriovenous malformation in patients with hereditary hemorrhagic telangiectasia. *Stroke*. 2015 May;46(5):1362-4. doi: 10.1161/STROKEAHA.114.007367. Epub 2015 Apr 9. PubMed PMID: 25858236; PubMed Central PMCID: PMC4415515.
- 132: Zis P, Fragkis S, Lykouri M, Bageris I, Kolovos G, Angelidakis P, Tavernarakis A. From basilar artery dolichoectasia to basilar artery aneurysm: natural history in images. *J Stroke Cerebrovasc Dis*. 2015 May;24(5):e117-9. doi: 10.1016/j.jstrokecerebrovasdis.2015.01.019. Epub 2015 Mar 10. PubMed PMID: 25765208.
- 133: Saliou G, Sacho RH, Power S, Kostynskyy A, Willinsky RA, Tymianski M, terBrugge KG, Rawal S, Krings T. Natural history and management of basilar trunk artery aneurysms. *Stroke*. 2015 Apr;46(4):948-53. doi: 10.1161/STROKEAHA.114.006909. Epub 2015 Feb 24. PubMed PMID: 25712945.
- 134: Stein KP, Wanke I, Forsting M, Zhu Y, Moldovan AS, Dammann P, Sandalcioğlu IE, Sure U. Associated aneurysms in supratentorial arteriovenous malformations: impact of aneurysm size on haemorrhage. *Cerebrovasc Dis*. 2015;39(2):122-9. doi: 10.1159/000369958. Epub 2015 Jan 31. PubMed PMID: 25660640.
- 135: Ellis JA, Lavine SD. Role of embolization for cerebral arteriovenous malformations. *Methodist Debakey Cardiovasc J*. 2014 Oct-Dec;10(4):234-9. doi: 10.14797/mdcj-10-4-234. Review. PubMed PMID: 25624978; PubMed Central PMCID: PMC4300062.
- 136: Gutierrez Romero D, Batista AL, Gentric JC, Raymond J, Roy D, Weill A. Ruptured isolated spinal artery aneurysms. Report of two cases and review of the literature. *Interv Neuroradiol*. 2014 Dec;20(6):774-80. doi: 10.15274/INR-2014-10074. Epub 2014 Dec 5. Review. PubMed PMID: 25496690; PubMed Central PMCID: PMC4295252.
- 137: Park S, Lee DH, Ryu CW, Pyun HW, Choi CG, Kim SJ, Suh DC. Incidental Saccular Aneurysms on Head MR Angiography: 5 Years' Experience at a Single Large-Volume Center. *J Stroke*. 2014 Sep;16(3):189-94. doi: 10.5853/jos.2014.16.3.189. Epub 2014 Sep 30. PubMed PMID: 25328878; PubMed Central PMCID: PMC4200594.
- 138: Colby GP, Lin LM, Zeiler SR, Coon AL. Curative reconstruction of a cerebral aneurysm by flow diversion with the Pipeline embolisation device in a patient with Loeys-Dietz syndrome. *BMJ Case Rep*. 2014 Oct 16;2014. pii: bcr2014204412. doi: 10.1136/bcr-2014-204412. PubMed PMID: 25323276; PubMed Central PMCID: PMC4202073.
- 139: Ito Y, Nakai Y, Kino H, Koiso T, Nakamura K, Uemura K, Matsumura A. Exacerbation of major artery aneurysms after revascularization in patients with moyamoya disease: two case reports. *Neurol Med Chir (Tokyo)*. 2014;54(10):832-5. Epub 2014 Sep 29. PubMed PMID: 25263621; PubMed Central PMCID: PMC4533376.
- 140: Shen X, Liu J, Lv X, Li Y. Risk of rupture and risks of endovascular management of unruptured brain arteriovenous malformations. *Interv Neuroradiol*. 2014 Jul-Aug;20(4):495-501. doi: 10.15274/NRJ-2014-10046. Epub 2014 Aug 28. PubMed PMID: 25207914; PubMed Central PMCID: PMC4175610.
- 141: Sacho RH, Saliou G, Kostynskyy A, Menezes R, Tymianski M, Krings T, Radovanovic I, Terbrugge K, Rinkel GJ, Willinsky R. Natural history and outcome after treatment of unruptured intradural fusiform aneurysms. *Stroke*. 2014 Nov;45(11):3251-6. doi: 10.1161/STROKEAHA.114.006292. Epub

2014 Sep 9. PubMed PMID: 25205312.

142: Flores BC, Klinger DR, Rickert KL, Barnett SL, Welch BG, White JA, Batjer HH, Samson DS. Management of intracranial aneurysms associated with arteriovenous malformations. *Neurosurg Focus*. 2014 Sep;37(3):E11. doi: 10.3171/2014.6.FOCUS14165. PubMed PMID: 25175430.

143: Chavent A, Lefevre PH, Thouant P, Cao C, Kazemi A, Mourier K, Ricolfi F. Spontaneous resolution of perforator aneurysms of the posterior circulation. *J Neurosurg*. 2014 Nov;121(5):1107-11. doi: 10.3171/2014.7.JNS132411. Epub 2014 Aug 22. PubMed PMID: 25148013.

144: Nussbaum ES, Defillo A, McDonald W, Hanson S, Zelensky A. Diffuse idiopathic intracranial fusiform aneurysm development. Case report and literature review. *Surg Neurol Int*. 2014 Jul 11;5:107. doi: 10.4103/2152-7806.136702. eCollection 2014. PubMed PMID: 25101202; PubMed Central PMCID: PMC4123257.

145: Rosi Junior J, Welling LC, Yeng LT, Caldas JG, Schafranski M, Teixeira MJ, Figueiredo EG. Cavernous carotid artery aneurysms: epidemiology, natural history, diagnostic and treatment. An experience of a single institution. *Clin Neurol Neurosurg*. 2014 Oct;125:32-5. doi: 10.1016/j.clineuro.2014.07.015. Epub 2014 Jul 20. PubMed PMID: 25083803.

146: Gross BA, Lai PM, Du R. Impact of aneurysm location on hemorrhage risk. *Clin Neurol Neurosurg*. 2014 Aug;123:78-82. doi: 10.1016/j.clineuro.2014.05.014. Epub 2014 May 29. PubMed PMID: 25012017.

147: Toth G, Bain M, Hussain MS, Moskowitz S, Masaryk T, Rasmussen P, Hui F. Posterior circulation flow diversion: a single-center experience and literature review. *J Neurointerv Surg*. 2015 Aug;7(8):574-83. doi: 10.1136/neurintsurg-2014-011281. Epub 2014 Jul 1. Review. PubMed PMID: 24984708.

148: Chien A, Sayre J. Morphologic and hemodynamic risk factors in ruptured aneurysms imaged before and after rupture. *AJNR Am J Neuroradiol*. 2014 Nov-Dec;35(11):2130-5. doi: 10.3174/ajnr.A4016. Epub 2014 Jun 26. PubMed PMID: 24970547.

149: Sim KJ, Yan B, Dowling RJ, Mitchell PJ. Intracranial aneurysms with perianeurysmal edema: long-term outcomes post-endovascular treatment. *J Neuroradiol*. 2015 Apr;42(2):72-9. doi: 10.1016/j.neurad.2014.05.001. Epub 2014 Jun 23. PubMed PMID: 24970462.

150: Sodhi HB, Savardekar AR, Mohindra S, Chhabra R, Gupta V, Gupta SK. The clinical profile, management, and overall outcome of aneurysmal subarachnoid hemorrhage at the neurosurgical unit of a tertiary care center in India. *J Neurosci Rural Pract*. 2014 Apr;5(2):118-26. doi: 10.4103/0976-3147.131650. PubMed PMID: 24966547; PubMed Central PMCID: PMC4064174.

151: Mascitelli JR, Oermann EK, De Leacy RA, Moyle H, Patel AB. Angiographic outcome of intracranial aneurysms with neck remnant following coil embolization. *J Neurointerv Surg*. 2015 Jul;7(7):484-9. doi: 10.1136/neurintsurg-2014-011226. Epub 2014 May 2. PubMed PMID: 24792578.

152: Etminan N, Dreier R, Buchholz BA, Beseoglu K, Bruckner P, Matzenauer C, Torner JC, Brown RD Jr, Steiger HJ, Hänggi D, Macdonald RL. Age of collagen in intracranial saccular aneurysms. *Stroke*. 2014 Jun;45(6):1757-63. doi: 10.1161/STROKEAHA.114.005461. Epub 2014 Apr 29. PubMed PMID: 24781080; PubMed Central PMCID: PMC4380291.

153: Ambekar S, Madhugiri V, Sharma M, Cuellar H, Nanda A. Evolution of management strategies for

cavernous carotid aneurysms: a review. *World Neurosurg.* 2014 Dec;82(6):1077-85. doi: 10.1016/j.wneu.2014.03.042. Epub 2014 Mar 30. Review. PubMed PMID: 24690538.

154: Su IC, Willinsky RA, Fanning NF, Agid R. Aneurysmal wall enhancement and perianeurysmal edema after endovascular treatment of unruptured cerebral aneurysms. *Neuroradiology.* 2014 Jun;56(6):487-95. doi: 10.1007/s00234-014-1355-x. Epub 2014 Mar 28. PubMed PMID: 24676488.

155: Etminan N, Beseoglu K, Barrow DL, Bederson J, Brown RD Jr, Connolly ES Jr, Derdeyn CP, Hänggi D, Hasan D, Juvela S, Kasuya H, Kirkpatrick PJ, Knuckey N, Koivisto T, Lanzino G, Lawton MT, LeRoux P, McDougall CG, Mee E, Mocco J, Molyneux A, Morgan MK, Mori K, Morita A, Murayama Y, Nagahiro S, Pasqualin A, Raabe A, Raymond J, Rinkel GJ, Rüfenacht D, Seifert V, Spears J, Steiger HJ, Steinmetz H, Torner JC, Vajkoczy P, Wanke I, Wong GK, Wong JH, Macdonald RL. Multidisciplinary consensus on assessment of unruptured intracranial aneurysms: proposal of an international research group. *Stroke.* 2014 May;45(5):1523-30. doi: 10.1161/STROKEAHA.114.004519. Epub 2014 Mar 25. PubMed PMID: 24668202.

156: Brown RD Jr, Broderick JP. Unruptured intracranial aneurysms: epidemiology, natural history, management options, and familial screening. *Lancet Neurol.* 2014 Apr;13(4):393-404. doi: 10.1016/S1474-4422(14)70015-8. Review. PubMed PMID: 24646873.

157: Alaraj A, Ti J, Dashti R, Aletich V. Patient selection for endovascular treatment of intracranial aneurysms. *Neurol Res.* 2014 Apr;36(4):283-307. doi: 10.1179/1743132814Y.0000000328. Epub 2014 Feb 12. Review. PubMed PMID: 24617930.

158: Kobayashi N, Murayama Y, Yuki I, Ishibashi T, Ebara M, Arakawa H, Irie K, Takao H, Kajiwara I, Nishimura K, Karagiozov K, Urashima M. Natural course of dissecting vertebrobasilar artery aneurysms without stroke. *AJNR Am J Neuroradiol.* 2014 Jul;35(7):1371-5. doi: 10.3174/ajnr.A3873. Epub 2014 Mar 7. PubMed PMID: 24610902.

159: Su TM, Cheng CH, Chen WF, Hsu SW. Spontaneous healing and complete disappearance of a ruptured posterior inferior cerebellar artery dissecting aneurysm. *J Neurosurg Pediatr.* 2014 May;13(5):503-6. doi: 10.3171/2014.1.PEDS13412. Epub 2014 Feb 28. PubMed PMID: 24580645.

160: Ertl L, Holtmannspötter M, Patzig M, Brückmann H, Fesl G. Use of flow-diverting devices in fusiform vertebrobasilar giant aneurysms: a report on periprocedural course and long-term follow-up. *AJNR Am J Neuroradiol.* 2014 Jul;35(7):1346-52. doi: 10.3174/ajnr.A3859. Epub 2014 Feb 27. PubMed PMID: 24578280.

161: Vargas J, Walsh K, Turner R, Chaudry I, Turk A, Spiotta A. Lenticulostriate aneurysms: a case series and review of the literature. *J Neurointerv Surg.* 2015 Mar;7(3):194-201. doi: 10.1136/neurintsurg-2013-010969. Epub 2014 Feb 26. Review. PubMed PMID: 24574545.

162: Viswanathan GC, Menon G, Nair S, Abraham M. Posterior inferior cerebellar artery aneurysms: operative strategies based on a surgical series of 27 patients. *Turk Neurosurg.* 2014;24(1):30-7. doi: 10.5137/1019-5149.JTN.7836-13.1. PubMed PMID: 24535788.

163: Raghavan ML, Sharda GV, Huston J 3rd, Mocco J, Capuano AW, Torner JC, Saha PK, Meissner I, Brown RD Jr; International Study of Unruptured Intracranial Aneurysms Investigators. Aneurysm shape reconstruction from biplane angiograms in the ISUIA collection. *Transl Stroke Res.* 2014 Apr;5(2):252-9. doi: 10.1007/s12975-014-0330-5. Epub 2014 Jan 31. PubMed PMID: 24477497; PubMed Central PMCID: PMC4258537.

164: Chowdhury T, Cappellani RB, Sandu N, Schaller B, Daya J. Perioperative variables contributing to

the rupture of intracranial aneurysm: an update. *ScientificWorldJournal*. 2013 Nov 12;2013:396404. doi: 10.1155/2013/396404. Review. PubMed PMID: 24324371; PubMed Central PMCID: PMC3845728.

165: Etminan N, Buchholz BA, Dreier R, Bruckner P, Torner JC, Steiger HJ, Hänggi D, Macdonald RL. Cerebral aneurysms: formation, progression, and developmental chronology. *Transl Stroke Res*. 2014 Apr;5(2):167-73. doi: 10.1007/s12975-013-0294-x. Epub 2013 Oct 30. Review. PubMed PMID: 24323717; PubMed Central PMCID: PMC4399795.

166: Bacigaluppi S, Piccinelli M, Antiga L, Veneziani A, Passerini T, Rampini P, Zavanone M, Severi P, Tredici G, Zona G, Krings T, Boccardi E, Penco S, Fontanella M. Factors affecting formation and rupture of intracranial saccular aneurysms. *Neurosurg Rev*. 2014 Jan;37(1):1-14. doi: 10.1007/s10143-013-0501-y. Epub 2013 Dec 4. Review. PubMed PMID: 24306170.

167: Greving JP, Wermer MJ, Brown RD Jr, Morita A, Juvela S, Yonekura M, Ishibashi T, Torner JC, Nakayama T, Rinkel GJ, Algra A. Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. *Lancet Neurol*. 2014 Jan;13(1):59-66. doi: 10.1016/S1474-4422(13)70263-1. Epub 2013 Nov 27. Review. PubMed PMID: 24290159.

168: Mehan WA Jr, Romero JM, Hirsch JA, Sabbag DJ, Gonzalez RG, Heit JJ, Schaefer PW. Unruptured intracranial aneurysms conservatively followed with serial CT angiography: could morphology and growth predict rupture? *J Neurointerv Surg*. 2014 Dec;6(10):761-6. doi: 10.1136/neurintsurg-2013-010944. Epub 2013 Nov 25. PubMed PMID: 24275611.

169: Gemmete JJ, Elias AE, Chaudhary N, Pandey AS. Endovascular methods for the treatment of intracranial cerebral aneurysms. *Neuroimaging Clin N Am*. 2013 Nov;23(4):563-91. doi: 10.1016/j.nic.2013.03.007. Epub 2013 May 25. Review. PubMed PMID: 24156851.

170: Nanney AD 3rd, El Tecle NE, El Ahmadieh TY, Daou MR, Bit Ivan EN, Marymont MH, Batjer HH, Bendok BR. Intracranial aneurysms in previously irradiated fields: literature review and case report. *World Neurosurg*. 2014 Mar-Apr;81(3-4):511-9. doi: 10.1016/j.wneu.2013.10.044. Epub 2013 Oct 19. Review. PubMed PMID: 24148882.

171: Heck O, Anxionnat R, Lacour JC, Derelle AL, Ducrocq X, Richard S, Bracard S. Rupture of lenticulostriate artery aneurysms. *J Neurosurg*. 2014 Feb;120(2):426-33. doi: 10.3171/2013.8.JNS13608. Epub 2013 Sep 20. PubMed PMID: 24053505.

172: Güresir E, Vatter H, Schuss P, Platz J, Konczalla J, de Rochement Rdu M, Berkefeld J, Seifert V. Natural history of small unruptured anterior circulation aneurysms: a prospective cohort study. *Stroke*. 2013 Nov;44(11):3027-31. doi: 10.1161/STROKEAHA.113.001107. Epub 2013 Sep 3. PubMed PMID: 24003049.

173: Ghali MG, Ghali EZ. Intracavernous internal carotid artery mycotic aneurysms: comprehensive review and evaluation of the role of endovascular treatment. *Clin Neurol Neurosurg*. 2013 Oct;115(10):1927-42. doi: 10.1016/j.clineuro.2013.07.025. Epub 2013 Aug 15. Review. PubMed PMID: 23954202.

174: Yoshimoto Y, Tanaka Y. Risk perception of unruptured intracranial aneurysms. *Acta Neurochir (Wien)*. 2013 Nov;155(11):2029-36. doi: 10.1007/s00701-013-1829-3. Epub 2013 Aug 7. PubMed PMID: 23921577.

175: Trivelato FP, Salles Rezende MT, Castro GD, Manzato LB, Santoro Araújo JF, Uihôa AC.

Endovascular treatment of isolated posterior inferior cerebellar artery dissecting aneurysms: parent artery occlusion or selective coiling? Clin Neuroradiol. 2014 Sep;24(3):255-61. doi: 10.1007/s00062-013-0247-5. Epub 2013 Aug 4. PubMed PMID: 23913020.

176: Demetriades AK, Horiguchi T, Goodrich JT, Kawase T. A case of basilar artery aneurysm rupture from 1836: lessons in clinical observation and the natural history of the disease. World Neurosurg. 2014 Nov;82(5):902-5. doi: 10.1016/j.wneu.2013.07.078. Epub 2013 Jul 26. PubMed PMID: 23895927.

177: Gross BA, Frerichs KU. The natural history of cerebrovascular disease: a closer look at paraclinoid aneurysms and epileptogenic AVMs. J Neurol Neurosurg Psychiatry. 2014 Mar;85(3):247. doi: 10.1136/jnnp-2013-305543. Epub 2013 Jul 18. PubMed PMID: 23868945.

178: Juvela S, Poussa K, Lehto H, Porras M. Natural history of unruptured intracranial aneurysms: a long-term follow-up study. Stroke. 2013 Sep;44(9):2414-21. doi: 10.1161/STROKEAHA.113.001838. Epub 2013 Jul 18. PubMed PMID: 23868274.

179: Briganti F, Marseglia M, Leone G, Briganti G, Piccolo D, Napoli M, Caranci F. Endovascular treatment of a small aneurysm of the superior cerebellar artery with a flow-diverter device. A case report. Neuroradiol J. 2013 Jun;26(3):327-31. Epub 2013 Jul 16. PubMed PMID: 23859291; PubMed Central PMCID: PMC5278849.

180: Shapiro M, Becske T, Riina HA, Raz E, Zumofen D, Nelson PK. Non-saccular vertebrobasilar aneurysms and dolichoectasia: a systematic literature review. J Neurointerv Surg. 2014 Jun;6(5):389-93. doi: 10.1136/neurintsurg-2013-010793. Epub 2013 Jul 10. Review. PubMed PMID: 23843444.

181: Villablanca JP, Duckwiler GR, Jahan R, Tateshima S, Martin NA, Frazee J, Gonzalez NR, Sayre J, Vinuela FV. Natural history of asymptomatic unruptured cerebral aneurysms evaluated at CT angiography: growth and rupture incidence and correlation with epidemiologic risk factors. Radiology. 2013 Oct;269(1):258-65. doi: 10.1148/radiol.13121188. Epub 2013 Jul 2. PubMed PMID: 23821755.

182: Meckel S, McAuliffe W, Fiorella D, Taschner CA, Phatouros C, Phillips TJ, Vasak P, Schumacher M, Klisch J. Endovascular treatment of complex aneurysms at the vertebrobasilar junction with flow-diverting stents: initial experience. Neurosurgery. 2013 Sep;73(3):386-94. doi: 10.1227/01.neu.0000431472.71913.07. PubMed PMID: 23787879.

183: Jeon JS, Ahn JH, Huh W, Son YJ, Bang JS, Kang HS, Sohn CH, Oh CW, Kwon OK, Kim JE. A retrospective analysis on the natural history of incidental small paraclinoid unruptured aneurysm. J Neurol Neurosurg Psychiatry. 2014 Mar;85(3):289-94. doi: 10.1136/jnnp-2013-305019. Epub 2013 Jun 18. PubMed PMID: 23781005.

184: Gross BA, Thomas AJ, Frerichs KU, Du R. Cerebrovascular neurosurgery in 2012. J Clin Neurosci. 2013 Jun;20(6):776-82. doi: 10.1016/j.jocn.2013.03.011. Epub 2013 Apr 28. Review. PubMed PMID: 23632292.

185: Müller TB, Sandvei MS, Kvistad KA, Rydland J, Håberg A, Vik A, Gårseth M, Stovner LJ. Unruptured intracranial aneurysms in the Norwegian Nord-Trøndelag Health Study (HUNT): risk of rupture calculated from data in a population-based cohort study. Neurosurgery. 2013 Aug;73(2):256-61; discussion 260; quiz 261. doi: 10.1227/01.neu.0000430295.23799.16. PubMed PMID: 23624412.

186: Inoue A, Tagawa M, Kumon Y, Watanabe H, Ohnishi T. [Vertebral artery dissecting aneurysm presenting with isolated pain and showing repeated morphological changes over the short term: a case report]. No Shinkei Geka. 2013 Apr;41(4):337-42. Japanese. PubMed PMID: 23542797.

187: Heller R, Calnan DR, Lanfranchi M, Madan N, Malek AM. Incomplete stent apposition in Enterprise stent-mediated coiling of aneurysms: persistence over time and risk of delayed ischemic events. *J Neurosurg.* 2013 May;118(5):1014-22. doi: 10.3171/2013.2.JNS121427. Epub 2013 Mar 15. PubMed PMID: 23495874.

188: Wang K, Sun Y, Li AM. Peri-procedural morbidity and mortality associated with stent-assisted coiling for intracranial aneurysms. *Interv Neuroradiol.* 2013 Mar;19(1):43-8. Epub 2013 Mar 4. PubMed PMID: 23472722; PubMed Central PMCID: PMC3601616.

189: Abdihalim MM, Chaudry SA, Tariq N, Suri MF, Qureshi AI. The natural history of "contrast stasis" within aneurysm after embolization. *J Vasc Interv Neurol.* 2013 Feb;5(2):14-21. PubMed PMID: 23460932; PubMed Central PMCID: PMC3584816.

190: Delgado Almandoz JE, Crandall BM, Fease JL, Scholz JM, Anderson RE, Kadkhodayan Y, Tubman DE. Successful endovascular treatment of three fusiform cerebral aneurysms with the Pipeline Embolization Device in a patient with dilating HIV vasculopathy. *J Neurointerv Surg.* 2014 Mar;6(2):e12. doi: 10.1136/neurintsurg-2012-010634.rep. Epub 2013 Feb 14. Review. PubMed PMID: 23410717.

191: Delgado Almandoz JE, Crandall BM, Fease JL, Scholz JM, Anderson RE, Kadkhodayan Y, Tubman DE. Successful endovascular treatment of three fusiform cerebral aneurysms with the Pipeline Embolization Device in a patient with dilating HIV vasculopathy. *BMJ Case Rep.* 2013 Feb 10;2013. pii: bcr2012010634. doi: 10.1136/bcr-2012-010634. PubMed PMID: 23400801; PubMed Central PMCID: PMC3603934.

192: Rozenfeld MN, Ansari SA, Shaibani A, Russell EJ, Mohan P, Hurley MC. Should patients with autosomal dominant polycystic kidney disease be screened for cerebral aneurysms? *AJNR Am J Neuroradiol.* 2014 Jan;35(1):3-9. doi: 10.3174/ajnr.A3437. Epub 2013 Jan 4. Review. PubMed PMID: 23292526.

193: Cook SC, Hickey J, Maul TM, Zumberge N, Krieger EV, Valente AM, Zaidi AN, Daniels CJ. Assessment of the cerebral circulation in adults with coarctation of the aorta. *Congenit Heart Dis.* 2013 Jul-Aug;8(4):289-95. doi: 10.1111/chd.12024. Epub 2012 Dec 27. PubMed PMID: 23279961.

194: Castro MA. Understanding the role of hemodynamics in the initiation, progression, rupture, and treatment outcome of cerebral aneurysm from medical image-based computational studies. *ISRN Radiol.* 2013 Jul 2;2013:602707. doi: 10.5402/2013/602707. eCollection 2013. Review. PubMed PMID: 24967285; PubMed Central PMCID: PMC4045510.

195: Haruma J, Sugiu K, Shimazu Y, Michiue H, Tokunaga K, Date I. [Surgical and endovascular treatment for superior cerebellar artery aneurysms: report of two cases]. *No Shinkei Geka.* 2013 Jan;41(1):45-51. Japanese. PubMed PMID: 23269255.

196: Cebal JR, Raschi M. Suggested connections between risk factors of intracranial aneurysms: a review. *Ann Biomed Eng.* 2013 Jul;41(7):1366-83. doi: 10.1007/s10439-012-0723-0. Epub 2012 Dec 14. Review. PubMed PMID: 23242844; PubMed Central PMCID: PMC3628920.

197: Mangiafico S, Guarnieri G, Consoli A, Ambrosanio G, Muto M. Endovascular strategy for unruptured cerebral aneurysms. *Eur J Radiol.* 2013 Oct;82(10):1638-45. doi: 10.1016/j.ejrad.2012.11.005. Epub 2012 Dec 10. PubMed PMID: 23238358.

198: Matsumoto K, Oshino S, Sasaki M, Tsuruzono K, Taketsuna S, Yoshimine T. Incidence of growth

and rupture of unruptured intracranial aneurysms followed by serial MRA. *Acta Neurochir (Wien)*. 2013 Feb;155(2):211-6. doi: 10.1007/s00701-012-1566-z. Epub 2012 Nov 30. PubMed PMID: 23196925.

199: Ding D, Starke RM, Jensen ME, Evans AJ, Kassell NF, Liu KC. Perforator aneurysms of the posterior circulation: case series and review of the literature. *J Neurointerv Surg*. 2013 Nov;5(6):546-51. doi: 10.1136/neurintsurg-2012-010557. Epub 2012 Nov 23. PubMed PMID: 23178223.

200: Valença MM. "Sit back, observe, and wait." Or is there a pharmacologic preventive treatment for cerebral aneurysms? *Neurosurg Rev*. 2013 Jan;36(1):1-9; discussion 9-10. doi: 10.1007/s10143-012-0429-7. Epub 2012 Oct 16. Review. PubMed PMID: 23070279.

201: Kemp WJ 3rd, Fulkerson DH, Payner TD, Leipzig TJ, Horner TG, Palmer EL, Cohen-Gadol AA. Risk of hemorrhage from de novo cerebral aneurysms. *J Neurosurg*. 2013 Jan;118(1):58-62. doi: 10.3171/2012.9.JNS111512. Epub 2012 Oct 12. PubMed PMID: 23061385.

202: Omodaka S, Sugiyama S, Inoue T, Funamoto K, Fujimura M, Shimizu H, Hayase T, Takahashi A, Tominaga T. Local hemodynamics at the rupture point of cerebral aneurysms determined by computational fluid dynamics analysis. *Cerebrovasc Dis*. 2012;34(2):121-9. doi: 10.1159/000339678. Epub 2012 Aug 1. PubMed PMID: 22965244.

203: Maekawa H, Tanaka M, Hadeishi H. Fatal hemorrhage in cerebral proliferative angiopathy. *Interv Neuroradiol*. 2012 Sep;18(3):309-13. Epub 2012 Sep 10. PubMed PMID: 22958770; PubMed Central PMCID: PMC3442305.

204: Jiang J, Strother CM. Interactive decomposition and mapping of saccular cerebral aneurysms using harmonic functions: its first application with "patient-specific" computational fluid dynamics (CFD) simulations. *IEEE Trans Med Imaging*. 2013 Feb;32(2):153-64. doi: 10.1109/TMI.2012.2216542. Epub 2012 Aug 31. PubMed PMID: 22955892.

205: van Oel LI, van Rooij WJ, Sluzewski M, Beute GN, Lohle PN, Peluso JP. Reconstructive endovascular treatment of fusiform and dissecting basilar trunk aneurysms with flow diverters, stents, and coils. *AJNR Am J Neuroradiol*. 2013 Mar;34(3):589-95. doi: 10.3174/ajnr.A3255. Epub 2012 Aug 23. PubMed PMID: 22918431.

206: Gross BA, Puri AS. Endovascular treatment of infectious intracranial aneurysms. *Neurosurg Rev*. 2013 Jan;36(1):11-9; discussion 19. doi: 10.1007/s10143-012-0414-1. Epub 2012 Aug 15. Review. PubMed PMID: 22892702.

207: Gross BA, Du R. Cerebrovascular neurosurgery 2011. *J Clin Neurosci*. 2012 Oct;19(10):1344-7. doi: 10.1016/j.jocn.2012.05.006. Epub 2012 Aug 11. Review. PubMed PMID: 22892160.

208: Gross BA, Tavanaiepour D, Du R, Al-Mefty O, Dunn IF. Petrosal approaches to posterior circulation aneurysms. *Neurosurg Focus*. 2012 Aug;33(2):E9. doi: 10.3171/2012.6.FOCUS12131. PubMed PMID: 22853840.

209: UCAS Japan Investigators, Morita A, Kirino T, Hashi K, Aoki N, Fukuhara S, Hashimoto N, Nakayama T, Sakai M, Teramoto A, Tominari S, Yoshimoto T. The natural course of unruptured cerebral aneurysms in a Japanese cohort. *N Engl J Med*. 2012 Jun 28;366(26):2474-82. doi: 10.1056/NEJMoa1113260. PubMed PMID: 22738097.

210: Di Achille P, Humphrey JD. Toward large-scale computational fluid-solid-growth models of intracranial aneurysms. *Yale J Biol Med*. 2012 Jun;85(2):217-28. Epub 2012 Jun 25. PubMed PMID: 22737050; PubMed Central PMCID: PMC3375664.

- 211: Ghods AJ, Lopes D, Chen M. Gender differences in cerebral aneurysm location. *Front Neurol*. 2012 May 21;3:78. doi: 10.3389/fneur.2012.00078. eCollection 2012. PubMed PMID: 22661965; PubMed Central PMCID: PMC3356859.
- 212: Sforza DM, Putman CM, Cebal JR. Computational fluid dynamics in brain aneurysms. *Int J Numer Method Biomed Eng*. 2012 Jun-Jul;28(6-7):801-8. doi: 10.1002/cnm.1481. Epub 2011 Nov 28. Review. PubMed PMID: 25364852; PubMed Central PMCID: PMC4221804.
- 213: Abula AA, Hopkins LN. When do unruptured aneurysms deserve treatment based on natural history? Data and outcomes from the National Inpatient Sample database. *World Neurosurg*. 2013 Mar-Apr;79(3-4):423-4. doi: 10.1016/j.wneu.2012.04.026. Epub 2012 Apr 28. PubMed PMID: 22548886.
- 214: Raschi M, Mut F, Byrne G, Putman CM, Tateshima S, Viñuela F, Tanoue T, Tanishita K, Cebal JR. CFD and PIV analysis of hemodynamics in a growing intracranial aneurysm. *Int J Numer Method Biomed Eng*. 2012 Feb;28(2):214-28. PubMed PMID: 22548127; PubMed Central PMCID: PMC3338124.
- 215: Rodríguez-Hernández A, Josephson SA, Lawton MT. Bypass surgery for the prevention of ischemic stroke: current indications and techniques. *Neurocirugia (Astur)*. 2012 Feb;23(1):5-14. doi: 10.1016/j.neucir.2011.11.001. PubMed PMID: 22520098.
- 216: Lanzino G, Brown RD Jr. Natural history of unruptured intracranial aneurysms. *J Neurosurg*. 2012 Jul;117(1):50-1; discussion 51-2. doi: 10.3171/2012.1.JNS129. Epub 2012 Apr 20. PubMed PMID: 22519431.
- 217: Loewenstein JE, Gayle SC, Duffis EJ, Prestigiacomo CJ, Gandhi CD. The natural history and treatment options for unruptured intracranial aneurysms. *Int J Vasc Med*. 2012;2012:898052. doi: 10.1155/2012/898052. Epub 2012 Feb 28. PubMed PMID: 22500236; PubMed Central PMCID: PMC3303690.
- 218: Meissner I, Torner J, Huston J 3rd, Rajput ML, Wiebers DO, Jones LK Jr, Brown RD Jr; International Study of Unruptured Intracranial Aneurysms Investigators. Mirror aneurysms: a reflection on natural history. *J Neurosurg*. 2012 Jun;116(6):1238-41. doi: 10.3171/2012.1.JNS11779. Epub 2012 Mar 9. PubMed PMID: 22404675; PubMed Central PMCID: PMC3914146.
- 219: Siddiqui AH, Abula AA, Kan P, Dumont TM, Jahshan S, Britz GW, Hopkins LN, Levy EI. Panacea or problem: flow diverters in the treatment of symptomatic large or giant fusiform vertebrobasilar aneurysms. *J Neurosurg*. 2012 Jun;116(6):1258-66. doi: 10.3171/2012.2.JNS111942. Epub 2012 Mar 9. PubMed PMID: 22404673.
- 220: Lawson MF, Neal DW, Mocco J, Hoh BL. Rationale for treating unruptured intracranial aneurysms: actuarial analysis of natural history risk versus treatment risk for coiling or clipping based on 14,050 patients in the Nationwide Inpatient Sample database. *World Neurosurg*. 2013 Mar-Apr;79(3-4):472-8. doi: 10.1016/j.wneu.2012.01.038. Epub 2012 Jan 26. PubMed PMID: 22381870.
- 221: Nistri S, Basso C, Thiene G. [Bicuspid aortic valve]. *G Ital Cardiol (Rome)*. 2012 Jan;13(1):25-37. doi: 10.1714/1015.11053. Review. Italian. PubMed PMID: 22322469.
- 222: Sforza DM, Putman CM, Tateshima S, Viñuela F, Cebal JR. Effects of perianeurysmal environment during the growth of cerebral aneurysms: a case study. *AJNR Am J Neuroradiol*. 2012 Jun;33(6):1115-20. doi: 10.3174/ajnr.A2908. Epub 2012 Feb 2. PubMed PMID: 22300939; PubMed Central PMCID: PMC3809835.

- 223: Jussen D, Wiener E, Vajkoczy P, Horn P. Traumatic middle meningeal artery pseudoaneurysms: diagnosis and endovascular treatment of two cases and review of the literature. *Neuroradiology*. 2012 Oct;54(10):1133-6. doi: 10.1007/s00234-011-1003-7. Epub 2012 Jan 6. Review. PubMed PMID: 22218611.
- 224: Le Feuvre DE, Taylor AG. The management of very small/blister internal carotid artery aneurysms. *Interv Neuroradiol*. 2011 Dec;17(4):431-4. Epub 2011 Dec 16. PubMed PMID: 22192546; PubMed Central PMCID: PMC3296502.
- 225: Magistrini R, Palmieri L, Scolari F. [Screening for cerebral aneurysms in the ADPKD population: mandatory or potentially harmful?]. *G Ital Nefrol*. 2011 Nov-Dec;28(6):582-7. Italian. PubMed PMID: 22167609.
- 226: Loumiotis I, Brown RD Jr, Vine R, Cloft HJ, Kallmes DF, Lanzino G. Small (< 10-mm) incidentally found intracranial aneurysms, Part 2: treatment recommendations, natural history, complications, and short-term outcome in 212 consecutive patients. *Neurosurg Focus*. 2011 Dec;31(6):E4. doi: 10.3171/2011.9.FOCUS11237. PubMed PMID: 22133187.
- 227: Chalouhi N, Dumont AS, Randazzo C, Tjoumakaris S, Gonzalez LF, Rosenwasser R, Jabbour P. Management of incidentally discovered intracranial vascular abnormalities. *Neurosurg Focus*. 2011 Dec;31(6):E1. doi: 10.3171/2011.9.FOCUS11200. Review. PubMed PMID: 22133178.
- 228: Chalouhi N, Chitale R, Jabbour P, Tjoumakaris S, Dumont AS, Rosenwasser R, Gonzalez LF. The case for family screening for intracranial aneurysms. *Neurosurg Focus*. 2011 Dec;31(6):E8. doi: 10.3171/2011.9.FOCUS11210. Review. PubMed PMID: 22133176.
- 229: Oh YS, Shon YM, Kim BS, Cho AH. Long-term follow-up of incidental intracranial aneurysms in patients with acute ischemic stroke. *J Stroke Cerebrovasc Dis*. 2013 May;22(4):329-33. doi: 10.1016/j.jstrokecerebrovasdis.2011.09.011. Epub 2011 Oct 20. PubMed PMID: 22018506.
- 230: Sato K, Yoshimoto Y. Risk profile of intracranial aneurysms: rupture rate is not constant after formation. *Stroke*. 2011 Dec;42(12):3376-81. doi: 10.1161/STROKEAHA.111.625871. Epub 2011 Oct 6. PubMed PMID: 21980206.
- 231: Washington CW, Vellimana AK, Zipfel GJ, Dacey RG. The current surgical management of intracranial aneurysms. *J Neurosurg Sci*. 2011 Sep;55(3):211-31. Review. PubMed PMID: 21968585.
- 232: Krings T, Mandell DM, Kiehl TR, Geibprasert S, Tymianski M, Alvarez H, terBrugge KG, Hans FJ. Intracranial aneurysms: from vessel wall pathology to therapeutic approach. *Nat Rev Neurol*. 2011 Sep 20;7(10):547-59. doi: 10.1038/nrneurol.2011.136. Review. PubMed PMID: 21931350.
- 233: Seibert B, Tummala RP, Chow R, Faridar A, Mousavi SA, Divani AA. Intracranial aneurysms: review of current treatment options and outcomes. *Front Neurol*. 2011 Jul 8;2:45. doi: 10.3389/fneur.2011.00045. eCollection 2011. PubMed PMID: 21779274; PubMed Central PMCID: PMC3134887.
- 234: Saccà S, Pacchioni A, Nikas D. Coil embolization for distal left main aneurysm: a new approach to coronary artery aneurysm treatment. *Catheter Cardiovasc Interv*. 2012 May 1;79(6):1000-3. doi: 10.1002/ccd.23195. Epub 2011 Dec 8. PubMed PMID: 21735516.
- 235: Rao AS, Makaroun MS, Marone LK, Cho JS, Rhee R, Chaer RA. Long-term outcomes of internal carotid artery dissection. *J Vasc Surg*. 2011 Aug;54(2):370-4; discussion 375. doi: 10.1016/j.jvs.2011.02.059. Epub 2011 May 28. PubMed PMID: 21620626.

- 236: Fontanella M, Rainero I, Panciani PP, Schatlo B, Benevello C, Garbossa D, Carlino C, Valfrè W, Griva F, Bradac GB, Ducati A. Subarachnoid hemorrhage and negative angiography: clinical course and long-term follow-up. *Neurosurg Rev.* 2011 Oct;34(4):477-84. doi: 10.1007/s10143-011-0323-8. Epub 2011 May 24. PubMed PMID: 21607573.
- 237: Jang EW, Jung JY, Hong CK, Joo JY. Benefits of surgical treatment for unruptured intracranial aneurysms in elderly patients. *J Korean Neurosurg Soc.* 2011 Jan;49(1):20-5. doi: 10.3340/jkns.2011.49.1.20. Epub 2011 Jan 31. PubMed PMID: 21494358; PubMed Central PMCID: PMC3070890.
- 238: Naggara O, Raymond J, Guilbert F, Roy D, Weill A, Altman DG. Analysis by categorizing or dichotomizing continuous variables is inadvisable: an example from the natural history of unruptured aneurysms. *AJNR Am J Neuroradiol.* 2011 Mar;32(3):437-40. doi: 10.3174/ajnr.A2425. Epub 2011 Feb 17. PubMed PMID: 21330400.
- 239: Kulcsár Z, Ugron A, Marosfoi M, Berentei Z, Paál G, Szikora I. Hemodynamics of cerebral aneurysm initiation: the role of wall shear stress and spatial wall shear stress gradient. *AJNR Am J Neuroradiol.* 2011 Mar;32(3):587-94. doi: 10.3174/ajnr.A2339. Epub 2011 Feb 10. PubMed PMID: 21310860.
- 240: Chmayssani M, Rebeiz JG, Rebeiz TJ, Batjer HH, Bendok BR. Relationship of growth to aneurysm rupture in asymptomatic aneurysms ≤ 7 mm: a systematic analysis of the literature. *Neurosurgery.* 2011 May;68(5):1164-71; discussion 1171. doi: 10.1227/NEU.0b013e31820edbd3. Review. PubMed PMID: 21307791.
- 241: Platz J, Güresir E, Vatter H, Berkefeld J, Seifert V, Raabe A, Beck J. Unsecured intracranial aneurysms and induced hypertension in cerebral vasospasm: is induced hypertension safe? *Neurocrit Care.* 2011 Apr;14(2):168-75. doi: 10.1007/s12028-011-9510-2. PubMed PMID: 21286853.
- 242: Brown RD. Unruptured intracranial aneurysms. *Semin Neurol.* 2010 Nov;30(5):537-44. doi: 10.1055/s-0030-1268858. Epub 2011 Jan 4. Review. PubMed PMID: 21207346.
- 243: Albuquerque FC, Gonzalez LF, Hu YC, Newman CB, McDougall CG. Transcirculation endovascular treatment of complex cerebral aneurysms: technical considerations and preliminary results. *Neurosurgery.* 2011 Mar;68(3):820-9; discussion 829-30. doi: 10.1227/NEU.0b013e3182077f17. PubMed PMID: 21192273.
- 244: Bulters DO, Santarius T, Chia HL, Parker RA, Trivedi R, Kirkpatrick PJ, Kirollos RW. Causes of neurological deficits following clipping of 200 consecutive ruptured aneurysms in patients with good-grade aneurysmal subarachnoid haemorrhage. *Acta Neurochir (Wien).* 2011 Feb;153(2):295-303. doi: 10.1007/s00701-010-0896-y. Epub 2010 Dec 14. Review. PubMed PMID: 21153905.
- 245: Fusco MR, Harrigan MR. Cerebrovascular dissections: a review. Part II: blunt cerebrovascular injury. *Neurosurgery.* 2011 Feb;68(2):517-30; discussion 530. doi: 10.1227/NEU.0b013e3181fe2fda. Review. PubMed PMID: 21135751.
- 246: Xu DS, Usman AA, Hurley MC, Eddleman CS, Bendok BR. Adult presentation of a familial-associated vein of galen aneurysmal malformation: case report. *Neurosurgery.* 2010 Dec;67(6):E1845-51; discussion 1851. doi: 10.1227/NEU.0b013e3181fa00d8. Review. PubMed PMID: 21107153.
- 247: Zhang J, Zhang R, Wu Z, Lv X, Liu B. Results of endovascular management for mid-basilar artery

aneurysms. *Interv Neuroradiol*. 2010 Sep;16(3):249-54. Epub 2010 Oct 25. PubMed PMID: 20977855; PubMed Central PMCID: PMC3277990.

248: Mizutani T. Natural course of intracranial arterial dissections. *J Neurosurg*. 2011 Apr;114(4):1037-44. doi: 10.3171/2010.9.JNS10668. Epub 2010 Oct 15. PubMed PMID: 20950090.

249: Ponce FA, Spetzler RF, Han PP, Wait SD, Killory BD, Nakaji P, Zabramski JM. Cardiac standstill for cerebral aneurysms in 103 patients: an update on the experience at the Barrow Neurological Institute. Clinical article. *J Neurosurg*. 2011 Mar;114(3):877-84. doi: 10.3171/2010.9.JNS091178. Epub 2010 Oct 15. PubMed PMID: 20950082.

250: Kuo I, Long T, Nguyen N, Chaudry B, Karp M, Sanossian N. Ruptured intracranial mycotic aneurysm in infective endocarditis: a natural history. *Case Rep Med*. 2010;2010. pii: 168408. doi: 10.1155/2010/168408. Epub 2010 Sep 22. PubMed PMID: 20885918; PubMed Central PMCID: PMC2946581.

251: Morita A, Kimura T, Shojima M, Sameshima T, Nishihara T. Unruptured intracranial aneurysms: current perspectives on the origin and natural course, and quest for standards in the management strategy. *Neurol Med Chir (Tokyo)*. 2010;50(9):777-87. Review. PubMed PMID: 20885112.

252: Roccatagliata L, Guédin P, Condette-Auliac S, Gaillard S, Colas F, Boulin A, Wang A, Guieu S, Rodesch G. Partially thrombosed intracranial aneurysms: symptoms, evolution, and therapeutic management. *Acta Neurochir (Wien)*. 2010 Dec;152(12):2133-42. doi: 10.1007/s00701-010-0772-9. Epub 2010 Aug 20. PubMed PMID: 20725843.

253: Sonobe M, Yamazaki T, Yonekura M, Kikuchi H. Small unruptured intracranial aneurysm verification study: SUAVE study, Japan. *Stroke*. 2010 Sep;41(9):1969-77. doi: 10.1161/STROKEAHA.110.585059. Epub 2010 Jul 29. PubMed PMID: 20671254.

254: Touzé E, Oppenheim C, Trystram D, Nokam G, Pasquini M, Alamowitch S, Hervé D, Garnier P, Mousseaux E, Plouin PF. Fibromuscular dysplasia of cervical and intracranial arteries. *Int J Stroke*. 2010 Aug;5(4):296-305. doi: 10.1111/j.1747-4949.2010.00445.x. Review. PubMed PMID: 20636713.

255: McNulty ML, Lee VH. Management of unruptured intracranial aneurysms and arteriovenous malformations. *Am J Ther*. 2011 Jan;18(1):64-9. doi: 10.1097/MJT.0b013e3181e4ddc6. Review. PubMed PMID: 20634678.

256: Eddleman CS, Gottardi-Littell NR, Bendok BR, Batjer HH, Bernstein RA. Rupture of cerebral myxomatous aneurysm months after resection of the primary cardiac tumor. *Neurocrit Care*. 2010 Oct;13(2):252-5. doi: 10.1007/s12028-010-9400-z. PubMed PMID: 20589450.

257: Chamoun RB, Jea A. Traumatic intracranial and extracranial vascular injuries in children. *Neurosurg Clin N Am*. 2010 Jul;21(3):529-42. doi: 10.1016/j.nec.2010.03.009. Review. PubMed PMID: 20561501.

258: Lv X, Jiang C, Li Y, Wu Z. Clinical outcomes of lower cranial nerve palsies caused by vertebral artery-posteroinferior cerebellar artery aneurysms after endovascular embolization. *Neurol Res*. 2010 Oct;32(8):796-800. doi: 10.1179/016164109x12478302362455. Epub 2010 May 4. PubMed PMID: 20444322.

259: Figueiredo EG, Foroni L, Monaco BA, Gomes MQ, Stermann Neto H, Teixeira MJ. The clip-wrap technique in the treatment of intracranial unclippable aneurysms. *Arq Neuropsiquiatr*. 2010 Feb;68(1):115-8. PubMed PMID: 20339665.

260: Benes V 3RD, Mitchell P, Molyneux AJ, Renowden SA. Endovascular coiling in 131 patients with low complication rate justifies treating most unruptured intracranial aneurysms. *Cent Eur Neurosurg*. 2010 Feb;71(1):1-7. PubMed PMID: 20198740.

261: Patel HC, Teo M, Higgins N, Kirkpatrick PJ. High flow extra-cranial to intra-cranial bypass for complex internal carotid aneurysms. *Br J Neurosurg*. 2010 Apr;24(2):173-8. doi: 10.3109/02688690903531075. PubMed PMID: 20128634.

262: Ong CK, Ong MT, Lam DV, Wenderoth JD. Catastrophic delayed rupture of a traumatic aneurysm of the distal superior cerebellar artery in a child. *J Clin Neurosci*. 2010 Apr;17(4):515-7. doi: 10.1016/j.jocn.2009.06.041. Epub 2010 Feb 1. PubMed PMID: 20122833.

263: Laghmari M, Metellus P, Fuentes S, Levrier O, Girard N, Fesselet J, Grisoli F, Dufour H. [Treatment of grade 0 intracranial aneurysms: Retrospective study of 79 cases]. *Neurochirurgie*. 2010 Feb;56(1):28-35. doi: 10.1016/j.neuchi.2009.11.010. Epub 2010 Jan 18. French. PubMed PMID: 20083285.

264: Sharma S. Evolution of Giant P2-Posterior Cerebral Artery Aneurysm over 16 Years: Saccular to Serpentine. A Case Report. *Neuroradiol J*. 2009 Dec 14;22(5):605-11. Epub 2009 Dec 14. PubMed PMID: 24209407.

265: Waldron JS, Hetts SW, Armstrong-Wells J, Dowd CF, Fullerton HJ, Gupta N, Lawton MT. Multiple intracranial aneurysms and moyamoya disease associated with microcephalic osteodysplastic primordial dwarfism type II: surgical considerations. *J Neurosurg Pediatr*. 2009 Nov;4(5):439-44. doi: 10.3171/2009.6.PEDS08137. PubMed PMID: 19877776.

266: Vasconcellos LP, Flores JA, Conti ML, Veiga JC, Lancellotti CL. Spontaneous thrombosis of internal carotid artery: a natural history of giant carotid cavernous aneurysms. *Arq Neuropsiquiatr*. 2009 Jun;67(2A):278-83. PubMed PMID: 19547823.

267: Iza-Vallejo B, Mateo-Sierra O, Fortea-Gil F, Ruiz-Juretschke F, Martín YR. Acute subdural hematoma secondary to distal middle cerebral artery aneurysm rupture in a newborn infant. *J Neurosurg Pediatr*. 2009 May;3(5):435-8. doi: 10.3171/2009.1.PEDS08176. PubMed PMID: 19409025.

268: Eddleman CS, Hurley MC, Bendok BR, Batjer HH. Cavernous carotid aneurysms: to treat or not to treat? *Neurosurg Focus*. 2009 May;26(5):E4. doi: 10.3171/2009.2.FOCUS0920. Review. PubMed PMID: 19409005.

269: Moftakhar P, Hauptman JS, Malkasian D, Martin NA. Cerebral arteriovenous malformations. Part 2: physiology. *Neurosurg Focus*. 2009 May;26(5):E11. doi: 10.3171/2009.2.FOCUS09317. Review. PubMed PMID: 19408989.

270: Binning MJ, Hauschild TB, Amini A, MacDonald JD. Delayed post-traumatic saccular aneurysm of PICA in an adolescent. *Acta Neurochir (Wien)*. 2009 Dec;151(12):1647-8. doi: 10.1007/s00701-009-0323-4. Epub 2009 Apr 25. PubMed PMID: 19396391.

271: Patel HC, Kirkpatrick PJ. High flow extracranial to intracranial vascular bypass procedure for giant aneurysms: indications, surgical technique, complications and outcome. *Adv Tech Stand Neurosurg*. 2009;34:61-83. Review. PubMed PMID: 19368081.

272: Joo SW, Lee SI, Noh SJ, Jeong YG, Kim MS, Jeong YT. What Is the Significance of a Large Number of Ruptured Aneurysms Smaller than 7 mm in Diameter? *J Korean Neurosurg Soc*. 2009

Feb;45(2):85-9. doi: 10.3340/jkns.2009.45.2.85. Epub 2009 Feb 27. PubMed PMID: 19274117; PubMed Central PMCID: PMC2651552.

273: McLaughlin N, Bojanowski MW. Unruptured cerebral aneurysms presenting with ischemic events. *Can J Neurol Sci.* 2008 Nov;35(5):588-92. PubMed PMID: 19235442.

274: Wong GK, Chou HL, Poon WS, Zhu XL, Yu SC, Ahuja AT. Spontaneous resolution of an aneurysm arising from a penetrating branch of the middle cerebral artery. *J Clin Neurosci.* 2009 Apr;16(4):601-2. doi: 10.1016/j.jocn.2008.06.006. Epub 2009 Feb 7. PubMed PMID: 19201613.

275: Raymond J. Incidental intracranial aneurysms: rationale for treatment. *Curr Opin Neurol.* 2009 Feb;22(1):96-102. Review. PubMed PMID: 19165956.

276: Burns JD, Brown RD Jr. Treatment of unruptured intracranial aneurysms: surgery, coiling, or nothing? *Curr Neurol Neurosci Rep.* 2009 Jan;9(1):6-12. Review. PubMed PMID: 19080747.

277: Morita A. [Natural history of unruptured cerebral aneurysms]. *Brain Nerve.* 2008 Nov;60(11):1383-9. Review. Japanese. PubMed PMID: 19069173.

278: Bashir Q, Badruddin A, Aletich V. Endovascular techniques for stroke prevention. *Neurol Clin.* 2008 Nov;26(4):1099-127, x. doi: 10.1016/j.ncl.2008.09.014. Review. PubMed PMID: 19026904.

279: Jahromi BS, Mocco J, Bang JA, Gologorsky Y, Siddiqui AH, Horowitz MB, Hopkins LN, Levy EI. Clinical and angiographic outcome after endovascular management of giant intracranial aneurysms. *Neurosurgery.* 2008 Oct;63(4):662-74; discussion 674-5. doi: 10.1227/01.NEU.0000325497.79690.4C. PubMed PMID: 18981877.

280: Kramer AH, Bleck TP, Dumont AS, Kassell NF, Olson C, Nathan B. Implications of early versus late bilateral pulmonary infiltrates in patients with aneurysmal subarachnoid hemorrhage. *Neurocrit Care.* 2009;10(1):20-7. doi: 10.1007/s12028-008-9137-0. Epub 2008 Sep 23. PubMed PMID: 18810664.

281: Rinkel GJ. Natural history, epidemiology and screening of unruptured intracranial aneurysms. *Rev Neurol (Paris).* 2008 Oct;164(10):781-6. doi: 10.1016/j.neurol.2008.07.012. Epub 2008 Sep 3. Review. PubMed PMID: 18771787.

282: van Doormaal TP, van der Zwan A, Verweij BH, Han KS, Langer DJ, Tulleken CA. Treatment of giant middle cerebral artery aneurysms with a flow replacement bypass using the excimer laser-assisted nonocclusive anastomosis technique. *Neurosurgery.* 2008 Jul;63(1):12-20; discussion 20-2. doi: 10.1227/01.NEU.0000335066.45566.D1. PubMed PMID: 18728564.

283: van Rooij WJ, Sluzewski M. Endovascular treatment of large and giant aneurysms. *AJNR Am J Neuroradiol.* 2009 Jan;30(1):12-8. doi: 10.3174/ajnr.A1267. Epub 2008 Aug 21. Review. PubMed PMID: 18719032.

284: Hanel RA, Spetzler RF. Surgical treatment of complex intracranial aneurysms. *Neurosurgery.* 2008 Jun;62(6 Suppl 3):1289-97; discussion 1297-9. doi: 10.1227/01.neu.0000333794.13844.d9. Review. PubMed PMID: 18695549.

285: Humphrey JD, Taylor CA. Intracranial and abdominal aortic aneurysms: similarities, differences, and need for a new class of computational models. *Annu Rev Biomed Eng.* 2008;10:221-46. doi: 10.1146/annurev.bioeng.10.061807.160439. Review. PubMed PMID: 18647115; PubMed Central PMCID: PMC2742216.

- 286: Gross BA, Hage ZA, Daou M, Getch CC, Batjer HH, Bendok BR. Surgical and endovascular treatments for intracranial aneurysms. *Curr Treat Options Cardiovasc Med*. 2008 Jun;10(3):241-52. PubMed PMID: 18582413.
- 287: Keedy A. An overview of intracranial aneurysms. *Mcgill J Med*. 2006 Jul;9(2):141-6. PubMed PMID: 18523626; PubMed Central PMCID: PMC2323531.
- 288: Sharma BS, Gupta A, Ahmad FU, Suri A, Mehta VS. Surgical management of giant intracranial aneurysms. *Clin Neurol Neurosurg*. 2008 Jul;110(7):674-81. doi: 10.1016/j.clineuro.2008.04.001. Epub 2008 May 19. PubMed PMID: 18490100.
- 289: Juvela S, Porras M, Poussa K. Natural history of unruptured intracranial aneurysms: probability of and risk factors for aneurysm rupture. *J Neurosurg*. 2008 May;108(5):1052-60. doi: 10.3171/JNS/2008/108/5/1052. PubMed PMID: 18447733.
- 290: Proust F, Gérardin E, Chazal J. [Unruptured intracranial aneurysm and microsurgical exclusion: the need of a randomized study of surgery versus natural history]. *J Neuroradiol*. 2008 May;35(2):109-15. doi: 10.1016/j.neurad.2008.02.004. Epub 2008 Apr 15. French. PubMed PMID: 18417219.
- 291: Tsumoto T, Song JK, Niimi Y, Berenstein A. Interval change in size of venous pouch canine bifurcation aneurysms over a 10-month period. *AJNR Am J Neuroradiol*. 2008 Jun;29(6):1067-70. doi: 10.3174/ajnr.A1046. Epub 2008 Apr 3. PubMed PMID: 18388214.
- 292: de Andrade AF, Figueiredo EG, Caldas JG, Paiva WS, De Amorim RL, Puglia P, Frudit M, Teixeira MJ. Intracranial vascular lesions associated with small epidural hematomas. *Neurosurgery*. 2008 Feb;62(2):416-20; discussion 420-1. doi: 10.1227/01.neu.0000316008.11388.f2. PubMed PMID: 18382319.
- 293: Raymond J, Guillemin F, Proust F, Molyneux AJ, Fox AJ, Claiborne JS, Meder JF, Rouleau I; Trial ON Endovascular Aneurysm Management (TEAM) Collaborative Group. Unruptured Intracranial Aneurysms. A Critical Review of the International Study of Unruptured Intracranial Aneurysms (ISUIA) and of Appropriate Methods to Address the Clinical Problem. *Interv Neuroradiol*. 2008 Mar 30;14(1):85-96. Epub 2008 May 12. PubMed PMID: 20557790; PubMed Central PMCID: PMC3313710.
- 294: Santos-Franco JA, Zenteno M, Lee A. Dissecting aneurysms of the vertebrobasilar system. A comprehensive review on natural history and treatment options. *Neurosurg Rev*. 2008 Apr;31(2):131-40; discussion 140. doi: 10.1007/s10143-008-0124-x. Epub 2008 Feb 29. Review. PubMed PMID: 18309525.
- 295: Komotar RJ, Mocco J, Solomon RA. Guidelines for the surgical treatment of unruptured intracranial aneurysms: the first annual J. Lawrence pool memorial research symposium-controversies in the management of cerebral aneurysms. *Neurosurgery*. 2008 Jan;62(1):183-93; discussion 193-4. doi: 10.1227/01.NEU.0000311076.64109.2E. Review. PubMed PMID: 18300906.
- 296: Rinkel GJ. Natural history, epidemiology and screening of unruptured intracranial aneurysms. *J Neuroradiol*. 2008 May;35(2):99-103. doi: 10.1016/j.neurad.2007.11.004. Epub 2008 Feb 1. Review. PubMed PMID: 18242707.
- 297: Raymond J, Roy D, Weill A, Guilbert F, Nguyen T, Molyneux AJ, Fox AJ, Johnston SC, Cognard C, Pierot L, Meder JF, Rouleau I; Trial on Endovascular Aneurysm Management (TEAM) collaborative group. Unruptured intracranial aneurysms: their illusive natural history and why subgroup statistics

- cannot provide normative criteria for clinical decisions or selection criteria for a randomized trial. *J Neuroradiol.* 2008 Oct;35(4):210-6. doi: 10.1016/j.neurad.2007.12.001. Epub 2008 Feb 1. Review. PubMed PMID: 18242706.
- 298: Jackson M. Unruptured intracranial cerebral aneurysms in aviation. *Aviat Space Environ Med.* 2008 Jan;79(1):62-4. PubMed PMID: 18225782.
- 299: Szikora I, Paal G, Ugron A, Nasztanovics F, Marosfoi M, Berentei Z, Kulcsar Z, Lee W, Bojtár I, Nyáry I. Impact of aneurysmal geometry on intraaneurysmal flow: a computerized flow simulation study. *Neuroradiology.* 2008 May;50(5):411-21. doi: 10.1007/s00234-007-0350-x. PubMed PMID: 18180916.
- 300: Hodžić M, Antoniadis G, Richter HP. [Spontaneous subarachnoidal hemorrhage: report on 67 surgically treated patients]. *Med Arh.* 2006;60(6 Suppl 1):17-22. Bosnian. PubMed PMID: 18172973.
- 301: Horie N, Kitagawa N, Morikawa M, Kawakubo J, Tsutsumi K, Kaminogo M, Nagata I. Giant thrombosed fusiform aneurysm at the basilar trunk successfully treated with endovascular coil occlusion following bypass surgery: a case report and review of the literature. *Neurol Res.* 2007 Dec;29(8):842-6. Review. PubMed PMID: 18078595.
- 302: Bolar K, Hoffman AR, Maneatis T, Lippe B. Long-term safety of recombinant human growth hormone in turner syndrome. *J Clin Endocrinol Metab.* 2008 Feb;93(2):344-51. Epub 2007 Nov 13. PubMed PMID: 18000090.
- 303: Kan P, Stevens EA, Warner J, Couldwell WT. Resolution of an anterior-inferior cerebellar artery feeding aneurysm with the treatment of a transverse-sigmoid dural arteriovenous fistula. *Skull Base.* 2007 May;17(3):205-10. PubMed PMID: 17973034; PubMed Central PMCID: PMC1888736.
- 304: Millán RD, Dempere-Marco L, Pozo JM, Cebal JR, Frangi AF. Morphological characterization of intracranial aneurysms using 3-D moment invariants. *IEEE Trans Med Imaging.* 2007 Sep;26(9):1270-82. PubMed PMID: 17896598.
- 305: Jayakumar PN, Ravishankar S, Balasubramaya KS, Chavan R, Goyal G. Disappearing saccular intracranial aneurysms: do they really disappear? *Interv Neuroradiol.* 2007 Sep;13(3):247-54. Epub 2007 Sep 15. PubMed PMID: 20566116; PubMed Central PMCID: PMC3345488.
- 306: Raymond J, Nguyen T, Chagnon M, Gevry G; BSC and the Trial on Endovascular Aneurysm Management (TEAM) collaborative group. Unruptured Intracranial Aneurysms. Opinions of Experts in Endovascular Treatment Are Coherent, Weighted in Favour of Treatment, and Incompatible with ISUIA. *Interv Neuroradiol.* 2007 Sep;13(3):225-37. Epub 2007 Sep 15. PubMed PMID: 20566114; PubMed Central PMCID: PMC3345486.
- 307: Dispensa BP, Saloner DA, Acevedo-Bolton G, Achrol AS, Jou LD, McCulloch CE, Johnston SC, Higashida RT, Dowd CF, Halbach VV, Ko NU, Lawton MT, Martin AJ, Quinn N, Young WL. Estimation of fusiform intracranial aneurysm growth by serial magnetic resonance imaging. *J Magn Reson Imaging.* 2007 Jul;26(1):177-83. PubMed PMID: 17659544.
- 308: Horlick EM, McLaughlin PR, Benson LN. The adult with repaired coarctation of the aorta. *Curr Cardiol Rep.* 2007 Jul;9(4):323-30. Review. PubMed PMID: 17601399.
- 309: Coert BA, Chang SD, Do HM, Marks MP, Steinberg GK. Surgical and endovascular management of symptomatic posterior circulation fusiform aneurysms. *J Neurosurg.* 2007 May;106(5):855-65. PubMed PMID: 17542530.

- 310: Yonekura M, Sakurai Y, Kikuchi H. [Natural history and annual rupture rate on unruptured intracranial aneurysm]. *Nihon Rinsho*. 2006 Nov 28;64 Suppl 8:614-8. Review. Japanese. PubMed PMID: 17469614.
- 311: Hashiguchi A, Mimata C, Ichimura H, Morioka M, Kuratsu J. Venous aneurysm development associated with a dural arteriovenous fistula of the anterior cranial fossa with devastating hemorrhage—case report. *Neurol Med Chir (Tokyo)*. 2007 Feb;47(2):70-3. PubMed PMID: 17317944.
- 312: Hartmann A, Mast H, Choi JH, Stapf C, Mohr JP. Treatment of arteriovenous malformations of the brain. *Curr Neurol Neurosci Rep*. 2007 Jan;7(1):28-34. Review. PubMed PMID: 17217851.
- 313: Cosetti M, Amrhein T, Linstrom C. Perioperative management of intracranial aneurysms and otologic disease. *Laryngoscope*. 2007 Jan;117(1):35-9. PubMed PMID: 17202927.
- 314: Yamashiro S, Nishi T, Koga K, Goto T, Kaji M, Muta D, Kuratsu J, Fujioka S. Improvement of quality of life in patients surgically treated for asymptomatic unruptured intracranial aneurysms. *J Neurol Neurosurg Psychiatry*. 2007 May;78(5):497-500. Epub 2006 Dec 18. PubMed PMID: 17178825; PubMed Central PMCID: PMC2117841.
- 315: Bozzetto-Ambrosi P, Andrade G, Azevedo-Filho H. Traumatic pseudoaneurysm of the middle meningeal artery and cerebral intraparenchymal hematoma: case report. *Surg Neurol*. 2006;66 Suppl 3:S29-31. PubMed PMID: 17081850.
- 316: Mira JM, Costa FA, Horta BL, Fabião OM. Risk of rupture in unruptured anterior communicating artery aneurysms: meta-analysis of natural history studies. *Surg Neurol*. 2006;66 Suppl 3:S12-9; discussion S19. PubMed PMID: 17081844.
- 317: Gilbert ME, Sergott RC. Intracranial aneurysms. *Curr Opin Ophthalmol*. 2006 Dec;17(6):513-8. Review. PubMed PMID: 17065918.
- 318: Ponte KF, Mont'Alverne FJ, Ribeiro EM, Pinto PV, Cristino Filho G, Martins Neto J, Salles LD Jr. [Giant aneurysm of the intracavernous internal carotid artery associated with autosomal dominant polycystic kidney disease: case report]. *Arq Neuropsiquiatr*. 2006 Sep;64(3B):881-4. Portuguese. PubMed PMID: 17057904.
- 319: Lasjaunias PL, Chng SM, Sachet M, Alvarez H, Rodesch G, Garcia-Monaco R. The management of vein of Galen aneurysmal malformations. *Neurosurgery*. 2006 Nov;59(5 Suppl 3):S184-94; discussion S3-13. Review. Erratum in: *Neurosurgery*. 2007 Apr;60(4 Suppl 2):393. PubMed PMID: 17053602.
- 320: Wehman JC, Hanel RA, Levy EI, Hopkins LN. Giant cerebral aneurysms: endovascular challenges. *Neurosurgery*. 2006 Nov;59(5 Suppl 3):S125-38; discussion S3-13. Review. PubMed PMID: 17053595.
- 321: Wiebers DO, Piepgras DG, Meyer FB, Kallmes DF, Meissner I, Atkinson JL, Link MJ, Brown RD. Reprint of: SYMPOSIUM ON CEREBROVASCULAR DISEASES. Pathogenesis, Natural History, and Treatment of Unruptured Intracranial Aneurysms. *Neuroradiol J*. 2006 Oct 19;19(4):504-15. Epub 2006 Oct 19. PubMed PMID: 24351251.
- 322: Talke P. Intracranial vascular surgery. *Curr Opin Anaesthesiol*. 2004 Oct;17(5):357-61. PubMed PMID: 17023890.
- 323: Wiebers DO. Unruptured intracranial aneurysms: natural history and clinical management. Update on the international study of unruptured intracranial aneurysms. *Neuroimaging Clin N Am*.

2006 Aug;16(3):383-90, vii. Review. PubMed PMID: 16935706.

324: Russell SM, Post N, Jafar JJ. Revascularizing the upper basilar circulation with saphenous vein grafts: operative technique and lessons learned. *Surg Neurol*. 2006 Sep;66(3):285-97. PubMed PMID: 16935638.

325: Maroo A, Rasmussen PA, Masaryk TJ, Ellis SG, Lincoff AM, Kapadia S. Stent-assisted detachable coil embolization of pseudoaneurysms in the coronary circulation. *Catheter Cardiovasc Interv*. 2006 Sep;68(3):409-15. PubMed PMID: 16892440.

326: Juvela S, Porras M, Poussa K. Natural history of unruptured intracranial aneurysms: probability and risk factors for aneurysm rupture. *Neurosurg Focus*. 2000;8(5):Preview 1. PubMed PMID: 16865812.

327: Warin-Fresse K, Auffray-Calvier E, Desal H, Guillon B, De Kersaint-Gilly A. [Intracranial aneurysms presenting with ischemic stroke]. *J Neuroradiol*. 2006 Jun;33(3):175-83. French. PubMed PMID: 16840960.

328: Fiorella D, Albuquerque FC, Deshmukh VR, Woo HH, Rasmussen PA, Masaryk TJ, McDougall CG. Endovascular reconstruction with the Neuroform stent as monotherapy for the treatment of uncoilable intradural pseudoaneurysms. *Neurosurgery*. 2006 Aug;59(2):291-300; discussion 291-300. PubMed PMID: 16823325.

329: Fiorella D, Albuquerque FC, Woo H, Rasmussen PA, Masaryk TJ, McDougall CG. Neuroform in-stent stenosis: incidence, natural history, and treatment strategies. *Neurosurgery*. 2006 Jul;59(1):34-42; discussion 34-42. PubMed PMID: 16823298.

330: Stapf C, Mast H, Sciacca RR, Choi JH, Khaw AV, Connolly ES, Pile-Spellman J, Mohr JP. Predictors of hemorrhage in patients with untreated brain arteriovenous malformation. *Neurology*. 2006 May 9;66(9):1350-5. PubMed PMID: 16682666.

331: Yoshimoto Y. A mathematical model of the natural history of intracranial aneurysms: quantification of the benefit of prophylactic treatment. *J Neurosurg*. 2006 Feb;104(2):195-200. PubMed PMID: 16509492.

332: Chang HS. Simulation of the natural history of cerebral aneurysms based on data from the International Study of Unruptured Intracranial Aneurysms. *J Neurosurg*. 2006 Feb;104(2):188-94. PubMed PMID: 16509491.

333: Krisht AF, Gomez J, Partington S. Outcome of surgical clipping of unruptured aneurysms as it compares with a 10-year nonclipping survival period. *Neurosurgery*. 2006 Feb;58(2):207-16; discussion 207-16. PubMed PMID: 16462473.

334: Luo CB, Chang CY, Teng MM, Chang FC. Endovascular treatment of ruptured vertebral dissecting aneurysms with electrodetachable coils. *J Chin Med Assoc*. 2005 Dec;68(12):578-84. PubMed PMID: 16379342.

335: Stiebel-Kalish H, Kalish Y, Bar-On RH, Setton A, Niimi Y, Berenstein A, Kupersmith MJ. Presentation, natural history, and management of carotid cavernous aneurysms. *Neurosurgery*. 2005 Nov;57(5):850-7; discussion 850-7. Review. PubMed PMID: 16284555.

336: Hassan T, Timofeev EV, Saito T, Shimizu H, Ezura M, Matsumoto Y, Takayama K, Tominaga T, Takahashi A. A proposed parent vessel geometry-based categorization of saccular intracranial

aneurysms: computational flow dynamics analysis of the risk factors for lesion rupture. *J Neurosurg.* 2005 Oct;103(4):662-80. Erratum in: *J Neurosurg.* 2005 Dec;103(6):1110. PubMed PMID: 16266049.

337: Wetjen NM, Link MJ, Reimer R, Nichols DA, Giannini C. Clinical presentation and surgical management of dissecting posterior inferior cerebellar artery aneurysms: 2 case reports. *Surg Neurol.* 2005 Nov;64(5):462-7; discussion 467. PubMed PMID: 16253703.

338: Koch P, Desal HA, Auffray-Calvier E, De Kersaint-Gilly A. [Natural history and management of mycotic intracranial aneurysm]. *J Neuroradiol.* 2005 Sep;32(4):258-65. French. PubMed PMID: 16237365.

339: Satoh T, Omi M, Ohsako C, Katsumata A, Yoshimoto Y, Tsuchimoto S, Onoda K, Tokunaga K, Sugiu K, Date I. Influence of perianeurysmal environment on the deformation and bleb formation of the unruptured cerebral aneurysm: assessment with fusion imaging of 3D MR cisternography and 3D MR angiography. *AJNR Am J Neuroradiol.* 2005 Sep;26(8):2010-8. PubMed PMID: 16155151.

340: Flemming KD, Wiebers DO, Brown RD Jr, Link MJ, Huston J 3rd, McClelland RL, Christianson TJ. The natural history of radiographically defined vertebrobasilar nonsaccular intracranial aneurysms. *Cerebrovasc Dis.* 2005;20(4):270-9. Epub 2005 Aug 22. PubMed PMID: 16123548.

341: Keller E, Krayenbühl N, Bjeljac M, Yonekawa Y. Cerebral vasospasm: results of a structured multimodal treatment. *Acta Neurochir Suppl.* 2005;94:65-73. PubMed PMID: 16060243.

342: Liebenberg WA, Worth R, Firth GB, Olney J, Norris JS. Aneurysmal subarachnoid haemorrhage: guidance in making the correct diagnosis. *Postgrad Med J.* 2005 Jul;81(957):470-3. Review. PubMed PMID: 15998826; PubMed Central PMCID: PMC1743315.

343: Ojini FI. Natural history of cerebral saccular aneurysms. *West Afr J Med.* 2005 Jan-Mar;24(1):70-4. Review. PubMed PMID: 15909716.

344: Janardhan V, Friedlander R, Riina H, Stieg PE. Identifying patients at risk for postprocedural morbidity after treatment of incidental intracranial aneurysms: the role of aneurysm size and location. *Neurosurg Focus.* 2002 Sep 15;13(3):e1. PubMed PMID: 15844873.

345: Al-Khayat H, Al-Khayat H, White J, Manner D, Samson D. Upper basilar artery aneurysms: oculomotor outcomes in 163 cases. *J Neurosurg.* 2005 Mar;102(3):482-8. PubMed PMID: 15796383.

346: Matsumoto KM, Oota S, Aoki M, Yoshida J, Taguchi K, Sakaki S, Abekura M, Yoshimine T. [Natural history of unruptured cerebral aneurysms of the unoperated and observed cases]. *No Shinkei Geka.* 2005 Jan;33(1):35-41. Review. Japanese. PubMed PMID: 15678867.

347: Rinkel GJ, Feigin VL, Algra A, van den Bergh WM, Vermeulen M, van Gijn J. Calcium antagonists for aneurysmal subarachnoid haemorrhage. *Cochrane Database Syst Rev.* 2005 Jan 25;(1):CD000277. Review. Update in: *Cochrane Database Syst Rev.* 2007;(3):CD000277. PubMed PMID: 15674871.

348: Moroi J, Hadeishi H, Suzuki A, Yasui N. Morbidity and mortality from surgical treatment of unruptured cerebral aneurysms at Research Institute for Brain and Blood Vessels-Akita. *Neurosurgery.* 2005 Feb;56(2):224-31; discussion 224-31. PubMed PMID: 15670370.

349: Tummala RP, Başkaya MK, Heros RC. Contemporary management of incidental intracranial aneurysms. *Neurosurg Focus.* 2005 Jan 15;18(1):e9. Review. PubMed PMID: 15669803.

- 350: Nagamine Y. [Natural history and management of asymptomatic unruptured cerebral aneurysms]. *Rinsho Shinkeigaku*. 2004 Nov;44(11):763-6. Review. Japanese. PubMed PMID: 15651285.
- 351: Zhao J, Wang S, Yang L, Zhao Y. Clinical experience of 153 patients with posterior circulation aneurysms. *J Clin Neurosci*. 2005 Jan;12(1):17-20. PubMed PMID: 15639405.
- 352: da Costa LB, Gunnarsson T, Wallace MC. Unruptured intracranial aneurysms: natural history and management decisions. *Neurosurg Focus*. 2004 Nov 15;17(5):E6. Review. PubMed PMID: 15633983.
- 353: Ecker RD, Hopkins LN. Natural history of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E4. Review. PubMed PMID: 15633981.
- 354: Mocco J, Komotar RJ, Lavine SD, Meyers PM, Connolly ES, Solomon RA. The natural history of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E3. Review. PubMed PMID: 15633980.
- 355: Zipfel GJ, Dacey RG. Update on the management of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E2. Review. PubMed PMID: 15633979.
- 356: Ponce FA, Albuquerque FC, McDougall CG, Han PP, Zabramski JM, Spetzler RF. Combined endovascular and microsurgical management of giant and complex unruptured aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E11. PubMed PMID: 15633976.
- 357: Chen PR, Frerichs K, Spetzler R. Natural history and general management of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E1. Review. PubMed PMID: 15633974.
- 358: Al-khayat H, Al-Khayat H, Beshay J, Manner D, White J. Vertebral artery-posteroinferior cerebellar artery aneurysms: clinical and lower cranial nerve outcomes in 52 patients. *Neurosurgery*. 2005;56(1):2-10; discussion 11. PubMed PMID: 15617580.
- 359: Wiebers DO, Piepgras DG, Meyer FB, Kallmes DF, Meissner I, Atkinson JL, Link MJ, Brown RD Jr. Pathogenesis, natural history, and treatment of unruptured intracranial aneurysms. *Mayo Clin Proc*. 2004 Dec;79(12):1572-83. PubMed PMID: 15595346.
- 360: Hasegawa S, Manabe H, Takemura A, Nagahata M. [Surgical treatment for dissecting aneurysm of the anterior cerebral artery presenting only with headache: a case report]. *No To Shinkei*. 2004 Sep;56(9):789-93. Review. Japanese. PubMed PMID: 15552869.
- 361: Flemming KD, Wiebers DO, Brown RD Jr, Link MJ, Nakatomi H, Huston J 3rd, McClelland R, Christianson TJ. Prospective risk of hemorrhage in patients with vertebrobasilar nonsaccular intracranial aneurysm. *J Neurosurg*. 2004 Jul;101(1):82-7. PubMed PMID: 15255255.
- 362: Satoh T, Ekino C, Ohsako C. Transluminal color-coded three-dimensional magnetic resonance angiography for visualization of signal intensity distribution pattern within an unruptured cerebral aneurysm: preliminarily assessment with anterior communicating artery aneurysms. *Neuroradiology*. 2004 Aug;46(8):628-34. Epub 2004 Jul 8. PubMed PMID: 15243724.
- 363: Im SH, Oh CW, Han DH. Surgical management of an unruptured dural arteriovenous fistula of the anterior cranial fossa: natural history for 7 years. *Surg Neurol*. 2004 Jul;62(1):72-5; discussion 75. PubMed PMID: 15226079.
- 364: Yonekura M. Small unruptured aneurysm verification (SUAVe Study, Japan)-interim report. *Neurol*

Med Chir (Tokyo). 2004 Apr;44(4):213-4. PubMed PMID: 15185763.

365: Heidenreich W. The natural history of intracerebral aneurysms. J Insur Med. 2004;36(1):96-8. PubMed PMID: 15104037.

366: Stiebel-Kalish H, Turtel LS, Kupersmith MJ. The natural history of nontraumatic subarachnoid hemorrhage-related intraocular hemorrhages. Retina. 2004 Feb;24(1):36-40. PubMed PMID: 15076942.

367: Rasmussen PA, Mayberg MR. Defining the natural history of unruptured aneurysms. Stroke. 2004 Jan;35(1):232-3. Epub 2003 Dec 18. PubMed PMID: 14684771.

368: Matsumoto E, Masuzawa T, Nakamura Y. Long-term outcome of unruptured cerebral aneurysms. J Epidemiol. 2003 Nov;13(6):289-95. PubMed PMID: 14674656.

369: Matsumoto K, Akagi K, Abekura M, Nakajima Y, Yoshiminie T. Investigation of the surgically treated and untreated unruptured cerebral aneurysms of the anterior circulation. Surg Neurol. 2003 Dec;60(6):516-22; discussion 522-3. PubMed PMID: 14670666.

370: Rabinov JD, Hellinger FR, Morris PP, Ogilvy CS, Putman CM. Endovascular management of vertebrobasilar dissecting aneurysms. AJNR Am J Neuroradiol. 2003 Aug;24(7):1421-8. PubMed PMID: 12917140.

371: Wiebers DO, Whisnant JP, Huston J 3rd, Meissner I, Brown RD Jr, Piepgras DG, Forbes GS, Thielen K, Nichols D, O'Fallon WM, Peacock J, Jaeger L, Kassell NF, Kongable-Beckman GL, Torner JC; International Study of Unruptured Intracranial Aneurysms Investigators. Unruptured intracranial aneurysms: natural history, clinical outcome, and risks of surgical and endovascular treatment. Lancet. 2003 Jul 12;362(9378):103-10. PubMed PMID: 12867109.

372: David G, Humphrey JD. Further evidence for the dynamic stability of intracranial saccular aneurysms. J Biomech. 2003 Aug;36(8):1143-50. PubMed PMID: 12831740.

373: Choi IS, David C. Giant intracranial aneurysms: development, clinical presentation and treatment. Eur J Radiol. 2003 Jun;46(3):178-94. Review. PubMed PMID: 12758113.

374: Asakura F, Tenjin H, Sugawa N, Kimura S, Oki F. Evaluation of intra-aneurysmal blood flow by digital subtraction angiography: blood flow change after coil embolization. Surg Neurol. 2003 Apr;59(4):310-9; discussion 319. PubMed PMID: 12748017.

375: Suga M, Yamamoto Y, Sunami N, Abe T, Kondo A. [Growth of asymptomatic unruptured aneurysms in follow-up study: report of three cases]. No Shinkei Geka. 2003 Mar;31(3):303-8. Japanese. PubMed PMID: 12684985.

376: Belz MM, Fick-Brosnahan GM, Hughes RL, Rubinstein D, Chapman AB, Johnson AM, McFann KK, Kaehny WD, Gabow PA. Recurrence of intracranial aneurysms in autosomal-dominant polycystic kidney disease. Kidney Int. 2003 May;63(5):1824-30. PubMed PMID: 12675859.

377: Vega-Basulto SD, Silva-Adán S, Laserda-Gallardo A, Peñones-Montero R, Varela-Hernández A. [Giant supratentorial intracranial aneurysms. Analysis of 22 cases]. Neurocirugia (Astur). 2003 Feb;14(1):16-24. Spanish. PubMed PMID: 12655380.

378: Tateshima S, Murayama Y, Villablanca JP, Morino T, Nomura K, Tanishita K, Viñuela F. In vitro

measurement of fluid-induced wall shear stress in unruptured cerebral aneurysms harboring blebs. *Stroke*. 2003 Jan;34(1):187-92. PubMed PMID: 12511772.

379: Lewis SB, Chang DJ, Peace DA, Lafrentz PJ, Day AL. Distal posterior inferior cerebellar artery aneurysms: clinical features and management. *J Neurosurg*. 2002 Oct;97(4):756-66. PubMed PMID: 12405360.

380: Juvela S. Natural history of unruptured intracranial aneurysms: risks for aneurysm formation, growth, and rupture. *Acta Neurochir Suppl*. 2002;82:27-30. PubMed PMID: 12378985.

381: Raabe A, Seifert V, Schmiedek P, Steinmetz H, Bertalanffy H, Steiger HJ, Stolke D, Forsting M; American Heart Association; Section of Vascular Neurosurgery of the German Society of Neurosurgery. [Recommendations for the management of unruptured intracranial aneurysms]. *Zentralbl Neurochir*. 2002;63(2):70-6. Review. German. PubMed PMID: 12224033.

382: Castilla JM, Martín-Velasco V, Rodríguez-Salazar A. [Giant aneurysm of fast development]. *Neurocirugia (Astur)*. 2002 Jun;13(3):219-24. Spanish. PubMed PMID: 12148167.

383: Krapf H, Schöning M, Petersen D, Küker W. Complete asymptomatic thrombosis and resorption of a congenital giant intracranial aneurysm. *J Neurosurg*. 2002 Jul;97(1):184-9. PubMed PMID: 12134910.

384: Suga M, Yamamoto Y, Sunami N, Abe T, Michiue H. [Rupture of previously documented asymptomatic unruptured aneurysms-aneurysm size: risk factor for aneurysm rupture]. *No Shinkei Geka*. 2002 Jun;30(6):609-15. Japanese. PubMed PMID: 12094687.

385: Hoh BL, Carter BS, Ogilvy CS. Risk of hemorrhage from unsecured, unruptured aneurysms during and after hypertensive hypervolemic therapy. *Neurosurgery*. 2002 Jun;50(6):1207-11; discussion 1211-2. PubMed PMID: 12015837.

386: Wakamoto H, Orii M, Miyazaki H, Ishiyama N. [A dissecting aneurysm of the posterior inferior cerebellar artery was reduced spontaneously during conservative therapy: case report]. *No Shinkei Geka*. 2002 Apr;30(4):425-9. Review. Japanese. PubMed PMID: 11968830.

387: Gonsoulin M, Barnard JJ, Prahlow JA. Death resulting from ruptured cerebral artery aneurysm: 219 cases. *Am J Forensic Med Pathol*. 2002 Mar;23(1):5-14. PubMed PMID: 11953486.

388: Niikawa S, Yamada J, Sumi Y, Yamakawa H. Dissecting aneurysm of the middle cerebral artery manifesting as subarachnoid hemorrhage and hemorrhagic infarctions-case report. *Neurol Med Chir (Tokyo)*. 2002 Feb;42(2):62-6. PubMed PMID: 11944591.

389: Horikoshi T, Akiyama I, Yamagata Z, Nukui H. Retrospective analysis of the prevalence of asymptomatic cerebral aneurysm in 4518 patients undergoing magnetic resonance angiography-when does cerebral aneurysm develop? *Neurol Med Chir (Tokyo)*. 2002 Mar;42(3):105-12; discussion 113. PubMed PMID: 11936051.

390: Goddard AJ, Annesley-Williams D, Gholkar A. Endovascular management of unruptured intracranial aneurysms: does outcome justify treatment? *J Neurol Neurosurg Psychiatry*. 2002 Apr;72(4):485-90. PubMed PMID: 11909908; PubMed Central PMCID: PMC1737825.

391: Fleetwood IG, Steinberg GK. Arteriovenous malformations. *Lancet*. 2002 Mar 9;359(9309):863-73. Review. PubMed PMID: 11897302.

392: Horie N, Takahashi N, Furuichi S, Mori K. [Giant fusiform aneurysm with dissection in the middle

cerebral artery: a case report]. No To Shinkei. 2002 Feb;54(2):147-51. Review. Japanese. PubMed PMID: 11889761.

393: Zuccarello M. Treatment strategy for patients with unruptured intracranial aneurysms. Neurol Med Chir (Tokyo). 2001 Dec;41(12):571-5. Review. PubMed PMID: 11803581.

394: Gress DR. Surgery for unruptured aneurysms. J Neurosurg. 2002 Jan;96(1):159-60. PubMed PMID: 11794599.

395: Gómez PA, Campollo J, Lobato RD, Lagares A, Alén JF. [Subarachnoid hemorrhage secondary to dissecting aneurysms of the vertebral artery. Description of 2 cases and review of the literature]. Neurocirugia (Astur). 2001 Dec;12(6):499-508. Review. Spanish. PubMed PMID: 11787398.

396: Tateshima S, Murayama Y, Villablanca JP, Morino T, Takahashi H, Yamauchi T, Tanishita K, Vinuela F. Intraaneurysmal flow dynamics study featuring an acrylic aneurysm model manufactured using a computerized tomography angiogram as a mold. J Neurosurg. 2001 Dec;95(6):1020-7. PubMed PMID: 11765817.

397: Yasui T, Komiyama M, Iwai Y, Yamanaka K, Nishikawa M, Morikawa T. Evolution of incidentally-discovered fusiform aneurysms of the vertebrobasilar arterial system: neuroimaging features suggesting progressive aneurysm growth. Neurol Med Chir (Tokyo). 2001 Nov;41(11):523-7; discussion 528. PubMed PMID: 11758703.

398: Yamashita Y, Hayashi S, Saitho H, Teramoto A. [Dissecting aneurysm of the posterior inferior cerebellar artery-studied by serial angiography]. No Shinkei Geka. 2001 Nov;29(11):1057-62. Review. Japanese. PubMed PMID: 11758313.

399: Murata T, Tsuruno T, Shimotake K, Terakawa Y, Nishio A, Nishijima Y, Agou I. [Management strategies for unruptured cerebral aneurysms]. No Shinkei Geka. 2001 Oct;29(10):943-9. Japanese. PubMed PMID: 11681010.

400: Friedman JA, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD Jr, Wiebers DO. Small cerebral aneurysms presenting with symptoms other than rupture. Neurology. 2001 Oct 9;57(7):1212-6. PubMed PMID: 11591837.

401: Jean WC, Walski-Easton SM, Nussbaum ES. Multiple intracranial aneurysms as delayed complications of an atrial myxoma: case report. Neurosurgery. 2001 Jul;49(1):200-2; discussion 202-3. PubMed PMID: 11440443.

402: Wang YC, Lee SD, Chen NF, Shen CC. Cerebral intraventricular hemorrhage caused by a large cerebral arteriovenous malformation at 31 years after diagnosis. Zhonghua Yi Xue Za Zhi (Taipei). 2001 Feb;64(2):121-8. PubMed PMID: 11355329.

403: Aoki N, Beck JR, Kitahara T, Ohbu S, Soma K, Ohwada T, Cone RW, Fukui T. Reanalysis of unruptured intracranial aneurysm management: effect of a new international study on the threshold probabilities. Med Decis Making. 2001 Mar-Apr;21(2):87-96. PubMed PMID: 11310951.

404: Chyatte D, Porterfield R. Functional outcome after repair of unruptured intracranial aneurysms. J Neurosurg. 2001 Mar;94(3):417-21. PubMed PMID: 11235945.

405: Nakatomi H, Segawa H, Kurata A, Shiokawa Y, Nagata K, Kamiyama H, Ueki K, Kirino T. Clinicopathological study of intracranial fusiform and dolichoectatic aneurysms : insight on the

mechanism of growth. *Stroke*. 2000 Apr;31(4):896-900. PubMed PMID: 10753995.

406: Brennan JW, Schwartz ML. Unruptured intracranial aneurysms: appraisal of the literature and suggested recommendations for surgery, using evidence-based medicine criteria. *Neurosurgery*. 2000 Dec;47(6):1359-71; discussion 1371-2. PubMed PMID: 11126907.

407: Hayakawa M, Murayama Y, Duckwiler GR, Gobin YP, Guglielmi G, Viñuela F. Natural history of the neck remnant of a cerebral aneurysm treated with the Guglielmi detachable coil system. *J Neurosurg*. 2000 Oct;93(4):561-8. PubMed PMID: 11014533.

408: Juvela S, Porras M, Poussa K. Natural history of unruptured intracranial aneurysms: probability of and risk factors for aneurysm rupture. *J Neurosurg*. 2000 Sep;93(3):379-87. PubMed PMID: 10969934.

409: Yamaura A, Ono J, Hirai S. Clinical picture of intracranial non-traumatic dissecting aneurysm. *Neuropathology*. 2000 Mar;20(1):85-90. Review. PubMed PMID: 10935444.

410: Dowd CF, Phatouros CC, Malek AM, Lempert TE, Meyers PM, Halbach VV, Higashida RT. Embolization of non-ruptured aneurysms. *Interv Neuroradiol*. 1999 Nov;5 Suppl 1:93-6. Epub 2001 May 15. PubMed PMID: 20670547.

411: McMahon J, Dorsch N. Subarachnoid haemorrhage of unknown aetiology: what next? *Crit Rev Neurosurg*. 1999 May 25;9(3):147-155. PubMed PMID: 10369968.

412: Kallmes DF, Altes TA, Vincent DA, Cloft HJ, Do HM, Jensen ME. Experimental side-wall aneurysms: a natural history study. *Neuroradiology*. 1999 May;41(5):338-41. PubMed PMID: 10379590.

413: Lawton MT, Spetzler RF. Surgical strategies for giant intracranial aneurysms. *Acta Neurochir Suppl*. 1999;72:141-56. PubMed PMID: 10337420.

414: Khurana VG, Wijdicks EF, Parisi JE, Piepgras DG. Acute deterioration from thrombosis and rerupture of a giant intracranial aneurysm. *Neurology*. 1999 May 12;52(8):1697-9. PubMed PMID: 10331704.

415: Mehdorn HM, Barth H, Buhl R, Nabavi A, Weinert D. Intracranial cavernomas: indications for and results of surgery. *Neurol Med Chir (Tokyo)*. 1998;38 Suppl:245-9. PubMed PMID: 10235013.

416: Gruber DP, Zimmerman GA, Tomsick TA, van Loveren HR, Link MJ, Tew JM Jr. A comparison between endovascular and surgical management of basilar artery apex aneurysms. *J Neurosurg*. 1999 May;90(5):868-74. PubMed PMID: 10223453.

417: Origitano TC, Schwartz K, Anderson D, Azar-Kia B, Reichman OH. Optimal clip application and intraoperative angiography for intracranial aneurysms. *Surg Neurol*. 1999 Feb;51(2):117-24; discussion 124-8. PubMed PMID: 10029414.

418: International Study of Unruptured Intracranial Aneurysms Investigators. Unruptured intracranial aneurysms—risk of rupture and risks of surgical intervention. *N Engl J Med*. 1998 Dec 10;339(24):1725-33. Erratum in: *N Engl J Med* 1999 Mar 4;340(9):744. PubMed PMID: 9867550.

419: Tomasello F, D'Avella D, Salpietro FM, Longo M. Asymptomatic aneurysms. Literature meta-analysis and indications for treatment. *J Neurosurg Sci*. 1998 Mar;42(1 Suppl 1):47-51. PubMed PMID: 9800604.

420: Zavanone M, Balbi S. [Giant aneurysms]. *Minerva Anestesiol*. 1998 Apr;64(4):167-70. Review.

Italian. PubMed PMID: 9773648.

421: Redekop G, TerBrugge K, Montanera W, Willinsky R. Arterial aneurysms associated with cerebral arteriovenous malformations: classification, incidence, and risk of hemorrhage. *J Neurosurg*. 1998 Oct;89(4):539-46. PubMed PMID: 9761046.

422: Nataf F, Meder JF, Merienne L, Roux FX, Merland JJ, Chodkiewicz JP. [Therapeutic strategy for cerebral arteriovenous malformations. Proposal for classification of individual hemorrhagic risk]. *Neurochirurgie*. 1998 Apr;44(2):83-93. French. PubMed PMID: 9757339.

423: Yasui T, Sakamoto H, Kishi H, Komiyama M, Iwai Y, Yamanaka K, Nishikawa M, Nakajima H. [Management of elderly patients with incidentally discovered unruptured aneurysms]. *No Shinkei Geka*. 1998 Aug;26(8):679-84. Japanese. PubMed PMID: 9743996.

424: Le Roux PD, Winn HR. Surgical approaches to basilar bifurcation aneurysms. *Neurosurg Clin N Am*. 1998 Oct;9(4):835-49. Review. PubMed PMID: 9738110.

425: Strother CM. Understanding the natural history of saccular aneurysms. *AJNR Am J Neuroradiol*. 1998 Aug;19(7):1183-4. PubMed PMID: 9726448.

426: Schievink WI, Prendergast V, Zabramski JM. Rupture of a previously documented small asymptomatic intracranial aneurysm in a patient with autosomal dominant polycystic kidney disease. Case report. *J Neurosurg*. 1998 Sep;89(3):479-82. PubMed PMID: 9724126.

427: Connolly ES Jr, Solomon RA. Management of symptomatic and asymptomatic unruptured aneurysms. *Neurosurg Clin N Am*. 1998 Jul;9(3):509-24. Review. PubMed PMID: 9668183.

428: Lawton MT, Raudzens PA, Zabramski JM, Spetzler RF. Hypothermic circulatory arrest in neurovascular surgery: evolving indications and predictors of patient outcome. *Neurosurgery*. 1998 Jul;43(1):10-20; discussion 20-1. PubMed PMID: 9657183.

429: Rabb CH, Barnwell SL. Catastrophic subarachnoid hemorrhage resulting from ruptured vertebrobasilar dolichoectasia: case report. *Neurosurgery*. 1998 Feb;42(2):379-82. PubMed PMID: 9482190.

430: De Jesús O, Hernández V. Aneurysm reinforcement in the anterior circulation. *Surg Neurol*. 1997 Nov;48(5):482-7. PubMed PMID: 9352813.

431: Lasner TM, Raps EC. Clinical evaluation and management of aneurysmal subarachnoid hemorrhage. *Neuroimaging Clin N Am*. 1997 Nov;7(4):669-78. Review. PubMed PMID: 9336492.

432: Lasjaunias PL, Campi A, Rodesch G, Alvarez H, Kanaan I, Taylor W. Aneurysmal disease in children. Review of 20 cases with intracranial arterial localisations. *Interv Neuroradiol*. 1997 Sep 30;3(3):215-29. Epub 2001 May 15. PubMed PMID: 20678427.

433: Minyard AN, Parker JC Jr. Intracranial saccular (berry) aneurysm: a brief overview. *South Med J*. 1997 Jul;90(7):672-7. Review. PubMed PMID: 9225885.

434: Fessler RD, Esshaki CM, Stankewitz RC, Johnson RR, Diaz FG. The neurovascular complications of cocaine. *Surg Neurol*. 1997 Apr;47(4):339-45. PubMed PMID: 9122836.

435: Yoshimoto Y, Wakai S. Unruptured intracranial vertebral artery dissection. Clinical course and

serial radiographic imagings. *Stroke*. 1997 Feb;28(2):370-4. Review. PubMed PMID: 9040692.

436: Leys D, Lucas C, Gobert M, Deklunder G, Pruvo JP. Cervical artery dissections. *Eur Neurol*. 1997;37(1):3-12. Review. PubMed PMID: 9018025.

437: Humphrey JD, Kyriacou SK. The use of Laplace's equation in aneurysm mechanics. *Neurol Res*. 1996 Jun;18(3):204-8. PubMed PMID: 8837052.

438: Pierot L, Boulin A, Castaings L, Rey A, Moret J. Selective occlusion of basilar artery aneurysms using controlled detachable coils: report of 35 cases. *Neurosurgery*. 1996 May;38(5):948-53; discussion 953-4. PubMed PMID: 8727820.

439: Gewirtz RJ, Awad IA. Giant aneurysms of the anterior circle of Willis: management outcome of open microsurgical treatment. *Surg Neurol*. 1996 May;45(5):409-20; discussion 420-1. PubMed PMID: 8629240.

440: Abe T, Matsumoto K, Kiyota K, Tanaka H. Vein of Galen aneurysmal malformation in an adult: a case report. *Surg Neurol*. 1996 Jan;45(1):39-43. PubMed PMID: 9190697.

441: Khanna RK, Malik GM, Qureshi N. Predicting outcome following surgical treatment of unruptured intracranial aneurysms: a proposed grading system. *J Neurosurg*. 1996 Jan;84(1):49-54. PubMed PMID: 8613835.

442: Regli L, Piepgras DG, Hansen KK. Late patency of long saphenous vein bypass grafts to the anterior and posterior cerebral circulation. *J Neurosurg*. 1995 Nov;83(5):806-11. PubMed PMID: 7472547.

443: Leblanc R, Melanson D, Tampieri D, Guttmann RD. Familial cerebral aneurysms: a study of 13 families. *Neurosurgery*. 1995 Oct;37(4):633-8; discussion 638-9. PubMed PMID: 8559290.

444: Claypool DW, Duane DD, Ilstrup DM, Melton LJ 3rd. Epidemiology and outcome of cervical dystonia (spasmodic torticollis) in Rochester, Minnesota. *Mov Disord*. 1995 Sep;10(5):608-14. PubMed PMID: 8552113.

445: Dix GA, Gordon W, Kaufmann AM, Sutherland IS, Sutherland GR. Ruptured and unruptured intracranial aneurysms-surgical outcome. *Can J Neurol Sci*. 1995 Aug;22(3):187-91. PubMed PMID: 8529169.

446: Obuchowski NA, Modic MT, Magdinec M. Current implications for the efficacy of noninvasive screening for occult intracranial aneurysms in patients with a family history of aneurysms. *J Neurosurg*. 1995 Jul;83(1):42-9. PubMed PMID: 7782848.

447: Tomosugi N, Mukai A, Yamaya H, Nakamura M, Asaka M, Ishii H, Takata K, Nakazawa T, Yuri T, Ishikawa I. [A familial case of ADPKD with intracranial aneurysms detected by MR angiography]. *Nihon Jinzo Gakkai Shi*. 1995 Jul;37(7):410-6. Japanese. PubMed PMID: 7637212.

448: Batjer HH, Stieg PE, Schwartz RB. A case of acute vertigo with incidental aneurysms. *Neurosurgery*. 1995 Apr;36(4):827-33. PubMed PMID: 7596515.

449: Leblanc R, Worsley KJ. Surgery of unruptured, asymptomatic aneurysms: a decision analysis. *Can J Neurol Sci*. 1995 Feb;22(1):30-5. PubMed PMID: 7750070.

450: Standard SC, Guterman LR, Chavis TD, Fronckowiak MD, Gibbons KJ, Hopkins LN. Endovascular

management of giant intracranial aneurysms. Clin Neurosurg. 1995;42:267-93. Review. PubMed PMID: 8846597.

451: Barrow DL, Alleyne C. Natural history of giant intracranial aneurysms and indications for intervention. Clin Neurosurg. 1995;42:214-44. Review. PubMed PMID: 8846594.

452: Lewis AI, Tomsick TA, Tew JM Jr. Management of tentorial dural arteriovenous malformations: transarterial embolization combined with stereotactic radiation or surgery. J Neurosurg. 1994 Dec;81(6):851-9. PubMed PMID: 7965115.

453: Leblanc R, Worsley KJ, Melanson D, Tampieri D. Angiographic screening and elective surgery of familial cerebral aneurysms: a decision analysis. Neurosurgery. 1994 Jul;35(1):9-18; discussion 18-9. PubMed PMID: 7936158.

454: Dippel DW, Habbema JD. Natural history of unruptured aneurysms. J Neurosurg. 1994 Apr;80(4):772-4. PubMed PMID: 8151364.

455: Chauveau D, Pirson Y, Verellen-Dumoulin C, Macnicol A, Gonzalo A, Grünfeld JP. Intracranial aneurysms in autosomal dominant polycystic kidney disease. Kidney Int. 1994 Apr;45(4):1140-6. PubMed PMID: 8007584.

456: Fraser KW, Halbach VV, Teitelbaum GP, Smith TP, Higashida RT, Dowd CF, Wilson CB, Hieshima GB. Endovascular platinum coil embolization of incompletely surgically clipped cerebral aneurysms. Surg Neurol. 1994 Jan;41(1):4-8. PubMed PMID: 8310385.

457: Kuwabara S, Uozumi T, Emoto K, Ikawa F. [Prevalence, natural history and management of unruptured intracranial aneurysms]. Nihon Rinsho. 1993 Dec;51 Suppl:322-8. Review. Japanese. PubMed PMID: 8121007.

458: Asari S, Ohmoto T. Natural history and risk factors of unruptured cerebral aneurysms. Clin Neurol Neurosurg. 1993 Sep;95(3):205-14. PubMed PMID: 8242963.

459: Juvela S, Porras M, Heiskanen O. Natural history of unruptured intracranial aneurysms: a long-term follow-up study. J Neurosurg. 1993 Aug;79(2):174-82. PubMed PMID: 8331397.

460: Chou SM, Chong YY, Kinkel R. A proposed pathogenetic process in the formation of Aspergillus mycotic aneurysm in the central nervous system. Ann Acad Med Singapore. 1993 May;22(3 Suppl):518-25. PubMed PMID: 8215210.

461: Dorsch NW, Compton JS. Treatment of symptomatic vasospasm with nimodipine. Ann Acad Med Singapore. 1993 May;22(3 Suppl):407-9. PubMed PMID: 8215189.

462: Oyesiku NM, Colohan AR, Barrow DL, Reisner A. Cocaine-induced aneurysmal rupture: an emergent negative factor in the natural history of intracranial aneurysms? Neurosurgery. 1993 Apr;32(4):518-25; discussion 525-6. Review. PubMed PMID: 8474641.

463: Barrow DL, Reisner A. Natural history of intracranial aneurysms and vascular malformations. Clin Neurosurg. 1993;40:3-39. Review. PubMed PMID: 8111989.

464: Meder JF, Gaston A, Merienne L, Godon-Hardy S, Fredy D. Traumatic aneurysms of the internal and external carotid arteries. One case and a review of the literature. J Neuroradiol. 1992 Dec;19(4):248-55. Review. English, French. PubMed PMID: 1464777.

- 465: Schievink WI, Piepgras DG, Wirth FP. Rupture of previously documented small asymptomatic saccular intracranial aneurysms. Report of three cases. *J Neurosurg.* 1992 Jun;76(6):1019-24. PubMed PMID: 1588408.
- 466: Paré L, Delfino R, Leblanc R. The relationship of ventricular drainage to aneurysmal rebleeding. *J Neurosurg.* 1992 Mar;76(3):422-7. PubMed PMID: 1738021.
- 467: Van de Kelft E, Kunnen J, Truyen L, Heytens L. Postpartum dissecting aneurysm of the basilar artery. *Stroke.* 1992 Jan;23(1):114-6. PubMed PMID: 1731411.
- 468: Deruty R, Pelissou-Guyotat I, Mottolese C, Bogнар L, Oubouklik A. Surgical management of unruptured intracranial aneurysms. Personal experience with 37 cases and discussion of the indications. *Acta Neurochir (Wien).* 1992;119(1-4):35-41. PubMed PMID: 1481750.
- 469: Vajda J. Multiple intracranial aneurysms: a high risk condition. *Acta Neurochir (Wien).* 1992;118(1-2):59-75. PubMed PMID: 1414531.
- 470: Iihara K, Kikuchi H, Nagata I. [Left atrial myxoma with cerebral oncotic aneurysms with special reference to the importance of serial angiography]. *No Shinkei Geka.* 1991 Sep;19(9):857-60. Japanese. PubMed PMID: 1944795.
- 471: Sasaki O, Koike T, Takeuchi S, Tanaka R. Serial angiography in a spontaneous dissecting anterior cerebral artery aneurysm. *Surg Neurol.* 1991 Jul;36(1):49-53. PubMed PMID: 2053074.
- 472: Ostergaard JR. Headache as a warning symptom of impending aneurysmal subarachnoid haemorrhage. *Cephalalgia.* 1991 Feb;11(1):53-5. Review. PubMed PMID: 2036671.
- 473: Samardzic M, Grujicic D, Djordjic L, Joksимovic M. Long term prognosis of symptomatic and asymptomatic cerebral aneurysms. *Neurosurg Rev.* 1991;14(2):115-8. PubMed PMID: 1870716.
- 474: Rice BJ, Peerless SJ, Drake CG. Surgical treatment of unruptured aneurysms of the posterior circulation. *J Neurosurg.* 1990 Aug;73(2):165-73. PubMed PMID: 2366072.
- 475: Linskey ME, Sekhar LN, Hirsch WL Jr, Yonas H, Horton JA. Aneurysms of the intracavernous carotid artery: natural history and indications for treatment. *Neurosurgery.* 1990 Jun;26(6):933-7; discussion 937-8. PubMed PMID: 2362671.
- 476: Jomin M, Debout J, Krivosic I, Lesoin F, Lozes G, Villette L, Autricque A, Fawaz A. [Natural history and current surgical prognosis of intracranial arterial aneurysms]. *Aggressologie.* 1990 May;31(5):231-4. French. PubMed PMID: 2288332.
- 477: Graves VB, Partington CR, Rüfenacht DA, Rappe AH, Strother CM. Treatment of carotid artery aneurysms with platinum coils: an experimental study in dogs. *AJNR Am J Neuroradiol.* 1990 Mar-Apr;11(2):249-52. PubMed PMID: 2107707.
- 478: Guha A, Montanera W, Hoffman HJ. Congenital aneurysmal dilatation of the petrous-cavernous carotid artery and vertebral basilar junction in a child. *Neurosurgery.* 1990 Feb;26(2):322-7. PubMed PMID: 2308682.
- 479: Putty TK, Luerssen TG, Campbell RL, Boaz JC, Edwards MK. Magnetic resonance imaging diagnosis of a cerebral aneurysm in an infant. Case report and review of the literature. *Pediatr Neurosurg.* 1990-1991;16(1):48-51. Review. PubMed PMID: 2133411.

- 480: Frank E, Brown BM, Wilson DF. Asymptomatic fusiform aneurysm of the petrous carotid artery in a patient with von Recklinghausen's neurofibromatosis. *Surg Neurol*. 1989 Jul;32(1):75-8. PubMed PMID: 2499939.
- 481: Guridi J, Aguilera F. [Current strategies for subarachnoid hemorrhage caused by aneurysm]. *Rev Med Univ Navarra*. 1989 Jan-Mar;33(1):37-40. Review. Spanish. PubMed PMID: 2490180.
- 482: Brown RD Jr, Wiebers DO, Forbes G, O'Fallon WM, Piepgras DG, Marsh WR, Maciunas RJ. The natural history of unruptured intracranial arteriovenous malformations. *J Neurosurg*. 1988 Mar;68(3):352-7. PubMed PMID: 3343606.
- 483: Fujita K, Yamashita H, Masumura M, Nishizaki T, Tamaki N, Matsumoto S. [Natural history of giant intracranial aneurysms]. *No Shinkei Geka*. 1988 Mar;16(3):225-31. Review. Japanese. PubMed PMID: 3287205.
- 484: Spallone A, Pastore FS, Rizzo A, Guidetti B. Low-dose tranexamic acid combined with aprotinin in the pre-operative management of ruptured intracranial aneurysms. *Neurochirurgia (Stuttg)*. 1987 Nov;30(6):172-6. PubMed PMID: 2447515.
- 485: Godersky JC, Biller J. Diagnosis and treatment of spontaneous intracerebral hemorrhage. *Compr Ther*. 1987 Sep;13(9):22-30. Review. PubMed PMID: 3311594.
- 486: Yamanaka C, Kiya K, Hirohata T, Yoshimoto H, Kajihara S, Uozumi T. [Growing aneurysm presenting with Weber's syndrome and obstructive hydrocephalus—a case report]. *No Shinkei Geka*. 1987 Jul;15(7):779-83. Japanese. PubMed PMID: 3670548.
- 487: Solomon RA, Fink ME. Current strategies for the management of aneurysmal subarachnoid hemorrhage. *Arch Neurol*. 1987 Jul;44(7):769-74. Review. PubMed PMID: 3297009.
- 488: Spetzler RF, Hadley MN, Martin NA, Hopkins LN, Carter LP, Budny J. Vertebrobasilar insufficiency. Part 1: Microsurgical treatment of extracranial vertebrobasilar disease. *J Neurosurg*. 1987 May;66(5):648-61. Review. PubMed PMID: 3553453.
- 489: Feuerberg I, Lindquist C, Lindqvist M, Steiner L. Natural history of postoperative aneurysm rests. *J Neurosurg*. 1987 Jan;66(1):30-4. PubMed PMID: 3783256.
- 490: Jha AN, Butler P, Lye RH, Fawcitt RA. Carotid ligation: what happens in the long term? *J Neurol Neurosurg Psychiatry*. 1986 Aug;49(8):893-8. PubMed PMID: 3746325; PubMed Central PMCID: PMC1028950.
- 491: Guidetti B. [Subarachnoid hemorrhage caused by rupture of intracranial saccular aneurysm. Epidemiology, natural history, treatment]. *Minerva Med*. 1986 Jun 8;77(24):1093-101. Italian. PubMed PMID: 3725135.
- 492: Loeb C. [Subarachnoid hemorrhage due to aneurysm. Natural history]. *Minerva Med*. 1986 Jun 8;77(24):1049-52. Italian. PubMed PMID: 3725132.
- 493: Whittle IR, Allsop JL, Halmagyi GM. Focal seizures: an unusual presentation of giant intracranial aneurysms. A report of four cases with comments on the natural history and treatment. *Surg Neurol*. 1985 Nov;24(5):533-40. PubMed PMID: 3931272.
- 494: Miller CA, Hill SA, Hunt WE. "De novo" aneurysms. A clinical review. *Surg Neurol*. 1985

Aug;24(2):173-80. PubMed PMID: 4012574.

495: Dacey RG Jr, Pitkethly D, Winn HR. Enlargement of an intracranial aneurysm in the eighth decade of life. Case report. J Neurosurg. 1985 Apr;62(4):600-2. PubMed PMID: 3973732.

496: Jane JA, Kassell NF, Torner JC, Winn HR. The natural history of aneurysms and arteriovenous malformations. J Neurosurg. 1985 Mar;62(3):321-3. PubMed PMID: 3973699.

497: Wilkins RH. Natural history of intracranial vascular malformations: a review. Neurosurgery. 1985 Mar;16(3):421-30. Review. PubMed PMID: 3885072.

498: Fults D, Kelly DL Jr. Natural history of arteriovenous malformations of the brain: a clinical study. Neurosurgery. 1984 Nov;15(5):658-62. PubMed PMID: 6504280.

499: Nishioka H, Torner JC, Graf CJ, Kassell NF, Sahs AL, Goettler LC. Cooperative study of intracranial aneurysms and subarachnoid hemorrhage: a long-term prognostic study. II. Ruptured intracranial aneurysms managed conservatively. Arch Neurol. 1984 Nov;41(11):1142-6. PubMed PMID: 6487096.

500: Jain KK. Surgical treatment of unruptured intracranial aneurysms. Acta Neurochir (Wien). 1982;66(3-4):187-94. PubMed PMID: 7168393.

501: Symon L. Perspectives in aneurysm surgery. Acta Neurochir (Wien). 1982;63(1-4):5-13. PubMed PMID: 7102426.

502: Ljunggren B, Brandt L. The outcome in 100 consecutive cases of early aneurysm surgery. Acta Neurochir (Wien). 1982;63(1-4):215-9. PubMed PMID: 7102413.

503: Knuckey NW, Stokes BA. Subarachnoid haemorrhage: epidemiology, natural history, and surgical treatment. Med J Aust. 1981 Dec 12-26;2(12-13):651-4. PubMed PMID: 7334989.

504: Kieck CF. Surgical management in subarachnoid haemorrhage with multiple aneurysms. S Afr Med J. 1981 Jul 18;60(3):100-2. PubMed PMID: 7256440.

505: Ferguson GG, Peerless SJ, Drake CG. Natural history of intracranial aneurysms. N Engl J Med. 1981 Jul 9;305(2):99. PubMed PMID: 7242583.

506: Drake CG. Progress in cerebrovascular disease. Management of cerebral aneurysm. Stroke. 1981 May-Jun;12(3):273-83. PubMed PMID: 7245291.

507: Roski RA, Spetzler RF, Nulsen FE. Late complications of carotid ligation in the treatment of intracranial aneurysms. J Neurosurg. 1981 May;54(5):583-7. PubMed PMID: 7229697.

508: Guidetti B, Spallone A. The role of antifibrinolytic therapy in the preoperative management of recently ruptured intracranial aneurysms. Surg Neurol. 1981 Apr;15(4):239-48. PubMed PMID: 6166061.

509: Wiebers DO, Whisnant JP, O'Fallon WM. The natural history of unruptured intracranial aneurysms. N Engl J Med. 1981 Mar 19;304(12):696-8. PubMed PMID: 7464862.

510: Ramirez-Lassepas M. Antifibrinolytic therapy in subarachnoid hemorrhage caused by ruptured intracranial aneurysm. Neurology. 1981 Mar;31(3):316-22. Review. PubMed PMID: 7010208.

511: Knaus WA, Wagner DP, Davis DO. CT for headache: cost/benefit for subarachnoid hemorrhage. AJR Am J Roentgenol. 1981 Mar;136(3):537-42. PubMed PMID: 6781292.

- 512: Auer LM, Gallhofer B, Ladurner G, Heppner F, Lechner H. [Natural history and operative treatment of intracranial aneurysms after subarachnoid haemorrhage (author's transl)]. *Wien Klin Wochenschr.* 1980 Dec 19;92(24):871-5. German. PubMed PMID: 7222703.
- 513: Lane RJ, Weisman RA. Carotid artery aneurysms: an otolaryngologic perspective. *Laryngoscope.* 1980 Jun;90(6 Pt 1):897-911. PubMed PMID: 7382705.
- 514: Ishimori S, Oshida K, Sankawa H. [Prognosis and long term survival of intracranial aneurysms operated under hypervolemic hypotension-natural history of 104 cases of intracranial aneurysms (author's transl)]. *Neurol Med Chir (Tokyo).* 1979 Sep;19(9):863-71. Japanese. PubMed PMID: 91990.
- 515: Adams CB, Fearnside MR, O'Laoire SA. An investigation with serial angiography into the evolution of cerebral arterial spasm following aneurysm surgery. *J Neurosurg.* 1978 Dec;49(6):805-15. PubMed PMID: 731298.
- 516: Powars D, Wilson B, Imbus C, Pegelow C, Allen J. The natural history of stroke in sickle cell disease. *Am J Med.* 1978 Sep;65(3):461-71. PubMed PMID: 717414.
- 517: Sundt TM Jr, Whisnant JP. Subarachnoid hemorrhage from intracranial aneurysms. Surgical management and natural history of disease. *N Engl J Med.* 1978 Jul 20;299(3):116-22. PubMed PMID: 661871.
- 518: Syptert GW. Intracranial aneurysms: natural history and surgical management. *Compr Ther.* 1978 May;4(5):64-73. PubMed PMID: 657778.
- 519: Winsor DW, Winsor T, Maranga K. The natural course of arteriosclerosis in animals and man. *Angiology.* 1978 Apr;29(4):263-71. PubMed PMID: 655460.
- 520: Kido DK, Gomez DG, Santos-Buch CA, Caston TV, Potts DG. Microradiographic study of cerebral and ocular aneurysms in hypertensive rabbits. *Neuroradiology.* 1978 Mar 29;15(1):21-6. PubMed PMID: 643169.
- 521: Hollin SA, Decker RE. Microsurgical treatment of internal carotid artery aneurysms. *J Neurosurg.* 1977 Aug;47(2):142-9. PubMed PMID: 874541.
- 522: Samsom DS, Hodosh RM, Clark WK. Surgical management of unruptured asymptomatic aneurysms. *J Neurosurg.* 1977 Jun;46(6):731-4. PubMed PMID: 870627.
- 523: Jane JA, Winn HR, Richardson AE. The natural history of intracranial aneurysms: rebleeding rates during the acute and long term period and implication for surgical management. *Clin Neurosurg.* 1977;24:176-84. PubMed PMID: 583706.
- 524: Yarnell P, Earnest M. Primary non-traumatic intracranial hemorrhage. A municipal emergency hospital viewpoint. *Stroke.* 1976 Nov-Dec;7(6):608-10. PubMed PMID: 1006737.
- 525: Bladin PF. A clinical and angiographic study of early diagnosis, natural history, and pathophysiology of cerebral lesions. A study of four cases. *Vasc Surg.* 1974 Sep-Oct;8(4):203-23. PubMed PMID: 4421362.
- 526: Benoit BG, Wortzman G. Traumatic cerebral aneurysms. Clinical features and natural history. *J Neurol Neurosurg Psychiatry.* 1973 Feb;36(1):127-38. PubMed PMID: 4691685; PubMed Central PMCID: PMC494287.

527: Troupp H. The natural history of aneurysms of the basilar bifurcation. *Acta Neurol Scand*. 1971;47(3):350-6. PubMed PMID: 5096761.

528: Locksley HB. Hemorrhagic strokes. Principal causes, natural history, and treatment. *Med Clin North Am*. 1968 Sep;52(5):1193-212. Review. PubMed PMID: 4876834.

529: Richardson AE. The natural history of patients with intracranial aneurysm after rupture. *Prog Brain Res*. 1968;30:269-73. PubMed PMID: 5735458.

530: Du Boulay GH. The natural history of intracranial aneurysms. *Am Heart J*. 1967 Jun;73(6):723-9. PubMed PMID: 6026038.

531: Crompton MR. The natural history of cerebral berry aneurysms. *Am Heart J*. 1967 Apr;73(4):567-9. PubMed PMID: 6020620.

532: Masson M. [On the natural history of intracranial aneurysms]. *Presse Med*. 1967 Feb 18;75(8):389-90. French. PubMed PMID: 6018188.

533: Locksley HB. Natural history of subarachnoid hemorrhage, intracranial aneurysms and arteriovenous malformations. *J Neurosurg*. 1966 Sep;25(3):321-68. PubMed PMID: 5921326.

534: Locksley HB. Natural history of subarachnoid hemorrhage, intracranial aneurysms and arteriovenous malformations. Based on 6368 cases in the cooperative study. *J Neurosurg*. 1966 Aug;25(2):219-39. PubMed PMID: 5911370.

535: Du Boulay GH. Some observations on the natural history of intracranial aneurysms. *Br J Radiol*. 1965 Oct;38(454):721-57. PubMed PMID: 5828573.

536: RICHARDSON AE, JANE JA, PAYNE PM. ASSESSMENT OF THE NATURAL HISTORY OF ANTERIOR COMMUNICATING ANEURYSMS. *J Neurosurg*. 1964 Apr;21:266-74. doi: 10.3171/jns.1964.21.4.0266. PubMed PMID: 19291903.

537: CRAWFORD T. Some observations on the pathogenesis and natural history of intracranial aneurysms. *J Neurol Neurosurg Psychiatry*. 1959 Nov;22:259-66. PubMed PMID: 13812726; PubMed Central PMCID: PMC497388.

1)

UCAS Japan Investigator, Morita A, Kirino T, Hashi K, et al. The natural course of unruptured cerebral aneurysms in a Japanese cohort. *N Engl J Med*. 2012;366(26):2474-2482.

2)

Greving JP, Wermer MJ, Brown RD Jr, et al. Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. *Lancet Neurol*. 2014;13(1):59-66.

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