



REFERENCES

- An, S.J., Kim, T.J., Yoon, B.-W., 2017. Epidemiology, Risk Factors, and Clinical Features of Intracerebral Hemorrhage: An Update. *J Stroke* 19, 3–10. <https://doi.org/10.5853/jos.2016.00864>
- Andersen, K.K., Olsen, T.S., Dehlendorff, C., Kammersgaard, L.P., 2009. Hemorrhagic and Ischemic Strokes Compared. *Stroke* 40, 2068–2072. <https://doi.org/10.1161/STROKEAHA.108.540112>
- Chiquete, E., Ochoa-Guzmán, A., Vargas-Sánchez, A., Navarro-Bonnet, J., Andrade-Ramos, M.A., Gutiérrez-Plascencia, P., Ruiz-Sandoval, J.L., 2013. Blood pressure at hospital admission and outcome after primary intracerebral hemorrhage. *Arch Med Sci* 9, 34–39. <https://doi.org/10.5114/aoms.2013.33346>
- Cho, S., Rehni, A.K., Dave, K.R., 2021. Tobacco Use: A Major Risk Factor of Intracerebral Hemorrhage. *J Stroke* 23, 37–50. <https://doi.org/10.5853/jos.2020.04770>
- de Oliveira Manoel, A.L., Goffi, A., Zampieri, F.G., Turkel-Parrella, D., Duggal, A., Marotta, T.R., Macdonald, R.L., Abrahamson, S., 2016. The critical care management of spontaneous intracranial hemorrhage: a contemporary review. *Crit Care* 20, 272. <https://doi.org/10.1186/s13054-016-1432-0>
- Donkor, E.S., 2018. Stroke in the 21st Century: A Snapshot of the Burden, Epidemiology, and Quality of Life. *Stroke Res Treat* 2018, 3238165. <https://doi.org/10.1155/2018/3238165>
- Finocchi, C., Balestrino, M., Malfatto, L., Mancardi, G., Serrati, C., Gandolfo, C., 2018. National Institutes of Health Stroke Scale in patients with primary intracerebral hemorrhage. *Neurol Sci* 39, 1751–1755. <https://doi.org/10.1007/s10072-018-3495-y>
- GBD 2016 Stroke Collaborators, 2019. Global, regional, and national burden of stroke, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurol* 18, 439–458. [https://doi.org/10.1016/S1474-4422\(19\)30034-1](https://doi.org/10.1016/S1474-4422(19)30034-1)
- Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016, 2018. *New England Journal of Medicine* 379, 2429–2437. <https://doi.org/10.1056/NEJMoa1804492>
- Gofir, A., Mulyono, B., Sutarni, S., 2017. Hyperglycemia as a prognosis predictor of length of stay and functional outcomes in patients with acute ischemic stroke. *Int J Neurosci* 127, 923–929. <https://doi.org/10.1080/00207454.2017.1280793>
- Hankey, G.J., 2017. Stroke. *Lancet* 389, 641–654. [https://doi.org/10.1016/S0140-6736\(16\)30962-X](https://doi.org/10.1016/S0140-6736(16)30962-X)
- Hegde, A., Menon, G., 2018. Modifying the Intracerebral Hemorrhage Score to Suit the Needs of the Developing World. *Ann Indian Acad Neurol* 21, 270–274. https://doi.org/10.4103/aian.AIAN_419_17
- Hegde, A., Menon, G., Kumar, V., Lakshmi Prasad, G., Kongwad, L.I., Nair, R., Nayak, R., 2020. Clinical Profile and Predictors of Outcome in Spontaneous Intracerebral Hemorrhage from a Tertiary Care Centre in South India.



- Stroke Research and Treatment 2020, e2192709.
<https://doi.org/10.1155/2020/2192709>
- Hemphill, J.C., Greenberg, S.M., Anderson, C.S., Becker, K., Bendok, B.R., Cushman, M., Fung, G.L., Goldstein, J.N., Macdonald, R.L., Mitchell, P.H., Scott, P.A., Selim, M.H., Woo, D., 2015. Guidelines for the Management of Spontaneous Intracerebral Hemorrhage. *Stroke* 46, 2032–2060.
<https://doi.org/10.1161/STR.0000000000000069>
- Hussain, M., Al Mamun, A., Reid, C., Huxley, R., 2016. Prevalence, awareness, treatment and control of hypertension in Indonesian adults aged ≥ 40 years: Findings from the Indonesia Family Life Survey (IFLS). *PLoS One* 11.
<https://doi.org/10.1371/journal.pone.0160922>
- Ikram, M.A., Wieberdink, R.G., Koudstaal, P.J., 2012. International epidemiology of intracerebral hemorrhage. *Curr Atheroscler Rep* 14, 300–306.
<https://doi.org/10.1007/s11883-012-0252-1>
- Jafari, M., Damani, R., 2020. Blood pressure variability and outcome after acute intracerebral hemorrhage. *J Neurol Sci* 413, 116766.
<https://doi.org/10.1016/j.jns.2020.116766>
- James, P.A., Oparil, S., Carter, B.L., Cushman, W.C., Dennison-Himmelfarb, C., Handler, J., Lackland, D.T., LeFevre, M.L., MacKenzie, T.D., Ogedegbe, O., Smith, S.C., Jr, Svetkey, L.P., Taler, S.J., Townsend, R.R., Wright, J.T., Jr, Narva, A.S., Ortiz, E., 2014. 2014 Evidence-Based Guideline for the Management of High Blood Pressure in Adults: Report From the Panel Members Appointed to the Eighth Joint National Committee (JNC 8). *JAMA* 311, 507–520. <https://doi.org/10.1001/jama.2013.284427>
- Jojang, H., Runtuwene, T., P.s, J.M., 2016. Perbandingan NIHSS pada pasien stroke hemoragik dan non-hemoragik yang rawat inap di Bagian Neurologi RSUP Prof. Dr. R. D. Kandou Manado. *e-CliniC* 4.
<https://doi.org/10.35790/ecl.v4i1.12111>
- Kasner, S.E., 2006. Clinical interpretation and use of stroke scales. *Lancet Neurol* 5, 603–612. [https://doi.org/10.1016/S1474-4422\(06\)70495-1](https://doi.org/10.1016/S1474-4422(06)70495-1)
- Krishnamurthi, R.V., Moran, A.E., Forouzanfar, M.H., Bennett, D.A., Mensah, G.A., Lawes, C.M.M., Barker-Collo, S., Connor, M., Roth, G.A., Sacco, R., Ezzati, M., Naghavi, M., Murray, C.J.L., Feigin, V.L., Global Burden of Diseases, Injuries, and Risk Factors 2010 Study Stroke Expert Group, 2014. The global burden of hemorrhagic stroke: a summary of findings from the GBD 2010 study. *Glob Heart* 9, 101–106.
<https://doi.org/10.1016/j.gheart.2014.01.003>
- Kwah, L.K., Diong, J., 2014. National Institutes of Health Stroke Scale (NIHSS). *J Physiother* 60, 61. <https://doi.org/10.1016/j.jphys.2013.12.012>
- Laporan Nasional RISKESDAS 2018, 2019. . Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan (LPB), Jakarta.
- Lau, L.-H., Lew, J., Borschmann, K., Thijs, V., Ekinci, E.I., 2019. Prevalence of diabetes and its effects on stroke outcomes: A meta-analysis and literature review. *Journal of Diabetes Investigation* 10, 780–792.
<https://doi.org/10.1111/jdi.12932>



- Liu, C.-H., Wei, Y.-C., Lin, J.-R., Chang, C.-H., Chang, T.-Y., Huang, K.-L., Chang, Y.-J., Ryu, S.-J., Lin, L.-C., Lee, T.-H., 2016. Initial blood pressure is associated with stroke severity and is predictive of admission cost and one-year outcome in different stroke subtypes: a SRICHs registry study. *BMC Neurol* 16, 27. <https://doi.org/10.1186/s12883-016-0546-y>
- Mahdy, M.E., Ghonimi, N.A., Elserafy, T.S., Mahmoud, W., 2019. The NIHSS score can predict the outcome of patients with primary intracerebral hemorrhage. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 55, 21. <https://doi.org/10.1186/s41983-019-0056-0>
- Oparil, S., Acelajado, M.C., Bakris, G.L., Berlowitz, D.R., Cífková, R., Dominiczak, A.F., Grassi, G., Jordan, J., Poulter, N.R., Rodgers, A., Whelton, P.K., 2018. Hypertension. *Nat Rev Dis Primers* 4, 18014. <https://doi.org/10.1038/nrdp.2018.14>
- Pezzini, A., Grassi, M., Del Zotto, E., Volonghi, I., Giassi, A., Costa, P., Cappellari, M., Magoni, M., Padovani, A., 2011. Influence of acute blood pressure on short- and mid-term outcome of ischemic and hemorrhagic stroke. *J Neurol* 258, 634–640. <https://doi.org/10.1007/s00415-010-5813-z>
- Putri, D.P.A., Paryono, P., Setyaningsih, I., Anggraeni, R., 2018. HUBUNGAN TEKANAN DARAH PASIEN SAAT MASUK RUMAH SAKIT TERHADAP MORTALITAS PASIEN DENGAN STROKE PERDARAHAN. *Callosum Neurology* 1, 1–4. <https://doi.org/10.29342/cnj.v1i1.2>
- Qureshi, A.I., 2013. The Importance of Acute Hypertensive Response in ICH. *Stroke* 44, S67–S69. <https://doi.org/10.1161/STROKEAHA.111.000758>
- Qureshi, A.I., Tuhrim, S., Broderick, J.P., Batjer, H.H., Hondo, H., Hanley, D.F., 2001. Spontaneous Intracerebral Hemorrhage. *New England Journal of Medicine* 344, 1450–1460. <https://doi.org/10.1056/NEJM200105103441907>
- Roquer, J., Rodríguez-Campello, A., Jiménez-Conde, J., Cuadrado-Godia, E., Giralt-Steinhauer, E., Vivanco Hidalgo, R.M., Soriano, C., Ois, A., 2016. Sex-related differences in primary intracerebral hemorrhage. *Neurology* 87, 257–262. <https://doi.org/10.1212/WNL.0000000000002792>
- Salihović, D., Smajlović, D., Ibrahimagić, O.Ć., 2013. Does the Volume and Localization of Intracerebral Hematoma Affect Short-Term Prognosis of Patients with Intracerebral Hemorrhage? *ISRN Neuroscience* 2013, e327968. <https://doi.org/10.1155/2013/327968>
- Setyopranoto, I., Bayuangga, H.F., Pangabean, A.S., Alifaningdyah, S., Lazuardi, L., Dewi, F.S.T., Malueka, R.G., 2019. Prevalence of Stroke and Associated Risk Factors in Sleman District of Yogyakarta Special Region, Indonesia. *Stroke Research and Treatment* 2019, e2642458. <https://doi.org/10.1155/2019/2642458>
- Shi, L., Xu, S., Zheng, J., Xu, J., Zhang, J., 2017. Blood Pressure Management for Acute Intracerebral Hemorrhage: A Meta-Analysis. *Sci Rep* 7, 14345. <https://doi.org/10.1038/s41598-017-13111-x>
- Tetri, S., Juvela, S., Saloheimo, P., Pyhtinen, J., Hillbom, M., 2009. Hypertension and diabetes as predictors of early death after spontaneous intracerebral



- hemorrhage. J Neurosurg 110, 411–417.
<https://doi.org/10.3171/2008.8.JNS08445>
- Trifan, G., Arshi, B., Testai, F.D., 2019. Intraventricular Hemorrhage Severity as a Predictor of Outcome in Intracerebral Hemorrhage. Front Neurol 10, 217.
<https://doi.org/10.3389/fneur.2019.00217>
- Valentine, D., Lord, A.S., Torres, J., Frontera, J., Ishida, K., Czeisler, B.M., Lee, F., Rosenthal, J., Calahan, T., Lewis, A., 2019. How Does Preexisting Hypertension Affect Patients with Intracerebral Hemorrhage? J Stroke Cerebrovasc Dis 28, 782–788.
<https://doi.org/10.1016/j.jstrokecerebrovasdis.2018.11.023>
- Venketasubramanian, N., Yoon, B.W., Pandian, J., Navarro, J.C., 2017. Stroke Epidemiology in South, East, and South-East Asia: A Review. J Stroke 19, 286–294. <https://doi.org/10.5853/jos.2017.00234>
- Wang, X., Sandset, E.C., Moullaali, T.J., Chen, G., Song, L., Carcel, C., Delcourt, C., Woodward, M., Robinson, T., Chalmers, J., Arima, H., Anderson, C.S., INTERACT2 Investigators, 2019. Determinants of the high admission blood pressure in mild-to-moderate acute intracerebral hemorrhage. J Hypertens 37, 1463–1466.
<https://doi.org/10.1097/HJH.0000000000002056>
- World Health Organization, 2015. WHO Statistical Profile. Indonesia.
- Zhang, Shuting, Wang, Z., Zheng, A., Yuan, R., Shu, Y., Zhang, Shihong, Lei, P., Wu, B., Liu, M., 2020. Blood Pressure and Outcomes in Patients With Different Etiologies of Intracerebral Hemorrhage: A Multicenter Cohort Study. Journal of the American Heart Association 9, e016766.
<https://doi.org/10.1161/JAHA.120.016766>
- Zhou, J.-F., Wang, J.-Y., Luo, Y.-E., Chen, H.-H., 2003. Influence of hypertension, lipometabolism disorders, obesity and other lifestyles on spontaneous intracerebral hemorrhage. Biomed Environ Sci 16, 295–303.