

Bandung

Department of Neurosurgery, Hasan Sadikin Hospital, College of Medicine, Universitas Padjadjaran, Bandung, Jawa Barat, [Indonesia](#).

Bandung is the capital of West Java province in [Indonesia](#) and Greater Bandung

It is the nation's third most populous city, with over 2.5 million (2015). Located 768 metres (2,520 feet) above sea level, approximately 140 kilometres (87 miles) southeast of [Jakarta](#), Bandung has cooler year-round temperatures than most other Indonesian cities. The city lies on a river basin surrounded by volcanic mountains. This topography provides a natural defense system, which was the primary reason for the Dutch East Indies government's plan to move the colony capital from Batavia (modern-day Jakarta) to Bandung.

Kim HS, Adsul N, Yudoyono F, Paudel B, Kim KJ, Choi SH, Kim JH, Chung SK, Choi JH, Jang JS, Jang IT, Oh SH. Transforaminal Epiduroscopic Basivertebral Nerve Laser Ablation for [Chronic Low Back Pain](#) Associated with [Modic](#) Changes: A Preliminary Open-Label Study. Pain Res Manag. 2018 Aug 14;2018:6857983. doi: 10.1155/2018/6857983. eCollection 2018. PubMed PMID: 30186540; PubMed Central PMCID: PMC6112211.

2: Yudoyono F, Cho PG, Park SH, Moon BJ, Yi S, Ha Y, Kim KN, Yoon DH, Shin DA. Factors associated with surgical outcomes of cervical ossification of the posterior longitudinal ligament. Medicine (Baltimore). 2018 Jul;97(29):e11342. doi: 10.1097/MD.00000000000011342. PubMed PMID: 30024507; PubMed Central PMCID: PMC6086522.

3: Firdaus M, Gill AS, Mukarramah DA, Andriani R, Sari L, Cahyanti D, Faried A. Malignant peripheral nerve sheath tumor of the scalp: Two rare case reports. Surg Neurol Int. 2018 May 15;9:102. doi: 10.4103/sni.sni_196_17. eCollection 2018. PubMed PMID: 29900032; PubMed Central PMCID: PMC5981183.

4: Sendjaja AN, Kobayashi H, Morishita T, Abe H, Miki K, Arifin MZ, Inoue T. An Infratemporal Dermoid Cyst That Expanded the Foramen Ovale: A Case Report. World Neurosurg. 2018 Aug;116:305-308. doi: 10.1016/j.wneu.2018.05.169. Epub 2018 Jun 1. PubMed PMID: 29864560.

5: Faried A, Satriawan FC, Arifin MZ. Feasibility of Online Traumatic Brain Injury Prognostic Corticosteroids Randomisation After Significant Head Injury (CRASH) Model as a Predictor of Mortality. World Neurosurg. 2018 Aug;116:e239-e245. doi: 10.1016/j.wneu.2018.04.180. Epub 2018 May 3. PubMed PMID: 29730104.

6: Kim HS, Adsul NM, Yudoyono F, Jang JS, Jang IT, Oh SH. Symptomatic Ruptured Seed-Type Partial Ossification of the Ligamentum Flavum: A Case Report. J Neurol Surg A Cent Eur Neurosurg. 2018 Jul;79(4):353-356. doi: 10.1055/s-0038-1641146. Epub 2018 Apr 11. PubMed PMID: 29642243.

7: Kim HS, Yudoyono F, Paudel B, Kim KJ, Jang JS, Choi JH, Chung SK, Kim JH, Jang IT, Oh SH, Park JE, Lee S. Suprapedicular Circumferential Opening Technique of Percutaneous Endoscopic Transforaminal Lumbar Discectomy for High Grade Inferiorly Migrated Lumbar Disc Herniation. Biomed Res Int. 2018 Jan 18;2018:5349680. doi: 10.1155/2018/5349680. eCollection 2018. PubMed PMID: 29581978; PubMed Central PMCID: PMC5822895.

8: Yudoyono F, Kang J, Ha Y. Comparison of Cervical Alignment and Clinical Outcomes in Patients with Os Odontoideum versus Non-Os Odontoideum after Atlantoaxial Fixation. *Korean J Spine*. 2017 Dec;14(4):143-147. doi: 10.14245/kjs.2017.14.4.143. Epub 2017 Dec 31. PubMed PMID: 29301174; PubMed Central PMCID: PMC5769938.

9: Faried A, Arief G, Arifin MZ, Nataprawira HM. Correlation of Lactate Concentration in Peripheral Plasma and Cerebrospinal Fluid with Glasgow Outcome Scale for Patients with Tuberculous Meningitis Complicated by Acute Hydrocephalus Treated with Fluid Diversions. *World Neurosurg*. 2018 Mar;111:e178-e182. doi: 10.1016/j.wneu.2017.12.007. Epub 2017 Dec 14. PubMed PMID: 29248780.

10: Hermanto Y, Sunohara T, Faried A, Takagi Y, Takahashi J, Maki T, Miyamoto S. Transplantation of feeder-free human induced pluripotent stem cell-derived cortical neuron progenitors in adult male Wistar rats with focal brain ischemia. *J Neurosci Res*. 2018 May;96(5):863-874. doi: 10.1002/jnr.24197. Epub 2017 Nov 7. PubMed PMID: 29110329.

11: Yudoyono F, Sidabutar R, Dahlan RH, Gill AS, Ompusunggu SE, Arifin MZ. Surgical management of giant skull osteomas. *Asian J Neurosurg*. 2017 Jul-Sep;12(3):408-411. doi: 10.4103/1793-5482.154873. PubMed PMID: 28761516; PubMed Central PMCID: PMC5532923.

12: Faried A, Hadisaputra W, Arifin MZ. Recurrence case of rare scalp dermatofibrosarcoma protuberans: Two case reports of a wide radical excision, craniectomy bone involvement followed by cranioplasty and reconstruction. *Surg Neurol Int*. 2017 May 26;8:82. doi: 10.4103/sni.sni_26_17. eCollection 2017. PubMed PMID: 28607816; PubMed Central PMCID: PMC5461560.

13: Kim HS, Yudoyono F, Paudel B, Kim KJ, Jang JS, Choi JH, Chung SK, Kim JH, Jang IT, Oh SH, Park JE, Lee S. Analysis of Clinical Results of Three Different Routes of Percutaneous Endoscopic Transforaminal Lumbar Discectomy for Lumbar Herniated Disk. *World Neurosurg*. 2017 Jul;103:442-448. doi: 10.1016/j.wneu.2017.04.008. Epub 2017 Apr 11. PubMed PMID: 28408266.

14: Sutiono AB, Faried A, McAllister S, Ganefianty A, Sarjono K, Arifin MZ, Derrett S. The Bandung neurosurgery patient outcomes project, Indonesia (Part II): Patient pathways and feasibility and acceptability of telephone follow-up. *Int J Health Plann Manage*. 2018 Jan;33(1):e49-e56. doi: 10.1002/hpm.2406. Epub 2017 Mar 2. PubMed PMID: 28252219.

15: McAllister S, Ganefianty A, Faried A, Sutiono AB, Sarjono K, Melia R, Sumargo S, Arifin MZ, Derrett S. The Bandung neurosurgery patient outcomes project, Indonesia (Part I): Methods, participant characteristics, and pre-discharge outcomes. *Int J Health Plann Manage*. 2018 Jan;33(1):e57-e66. doi: 10.1002/hpm.2408. Epub 2017 Mar 2. PubMed PMID: 28252218.

16: Marais BJ, Heemskerk AD, Marais SS, van Crevel R, Rohlwick U, Caws M, Meintjes G, Misra UK, Mai NTH, Ruslami R, Seddon JA, Solomons R, van Toorn R, Figaji A, McIlleron H, Aarnoutse R, Schoeman JF, Wilkinson RJ, Thwaites GE; Tuberculous Meningitis International Research Consortium. Standardized Methods for Enhanced Quality and Comparability of Tuberculous Meningitis Studies. *Clin Infect Dis*. 2017 Feb 15;64(4):501-509. doi: 10.1093/cid/ciw757. Review. PubMed PMID: 28172588; PubMed Central PMCID: PMC5399942.

17: Faried A, Bachani AM, Sendjaja AN, Hung YW, Arifin MZ. Characteristics of Moderate and Severe Traumatic Brain Injury of Motorcycle Crashes in Bandung, Indonesia. *World Neurosurg*. 2017 Apr;100:195-200. doi: 10.1016/j.wneu.2016.12.133. Epub 2017 Jan 10. PubMed PMID: 28087431.

18: Faried A, Pribadi MA, Sumargo S, Arifin MZ, Hernowo BS. Adult medulloblastoma: A rare case report and literature review. *Surg Neurol Int*. 2016 Jul 7;7(Suppl 17):S481-4. doi: 10.4103/2152-7806.185782. eCollection 2016. PubMed PMID: 27512610; PubMed Central PMCID:

PMC4960923.

19: Bisri T, Utomo BA, Fuadi I. Exogenous lactate infusion improved neurocognitive function of patients with mild traumatic brain injury. *Asian J Neurosurg.* 2016 Apr-Jun;11(2):151-9. doi: 10.4103/1793-5482.145375. PubMed PMID: 27057222; PubMed Central PMCID: PMC4802937.

20: Yudoyono F, Sidabutar R, Arifin MZ, Faried A. Multiple meningiomas consisting of fibrous meningioma, transitional meningioma, and meningotheliomatous meningioma in one adult patient. *Asian J Neurosurg.* 2015 Oct-Dec;10(4):348-9. doi: 10.4103/1793-5482.162729. PubMed PMID: 26425174; PubMed Central PMCID: PMC4558821.

21: Tjahjadi M, Arifin MZ, Sobana M, Avianti A, Caropeboka MS, Eka PA, Agustina H. Cystic pilomyxoid astrocytoma on suprasellar region in 7-year-old girl: Treatment and strategy. *Asian J Neurosurg.* 2015 Apr-Jun;10(2):154-7. doi: 10.4103/1793-5482.154989. PubMed PMID: 25972955; PubMed Central PMCID: PMC4421961.

22: Yudoyono F, Dahlan RH, Tjahjono FP, Imron A, Arifin MZ. Hollow-organ perforation following thoracolumbar spinal injuries of fall from height. *Int J Surg Case Rep.* 2015;11:110-112. doi: 10.1016/j.ijscr.2015.04.035. Epub 2015 May 5. PubMed PMID: 25967553; PubMed Central PMCID: PMC4446694.

23: Arifin MZ, Yudoyono F, Setiawan C, Sidabutar R, Sutiono AB, Faried A. Comprehensive management of frontal and cerebellar tumor patients with personality changes and suicidal tendencies. *Surg Neurol Int.* 2014 Dec 8;5:174. doi: 10.4103/2152-7806.146487. eCollection 2014. PubMed PMID: 25593758; PubMed Central PMCID: PMC4287917.

24: Ji GY, Oh CH, Park SH, Kurniawan F, Lee J, Jeon JK, Shin DA, Kim KN. Feasibility of translaminar screw placement in Korean population: morphometric analysis of cervical spine. *Yonsei Med J.* 2015 Jan;56(1):159-66. doi: 10.3349/ymj.2015.56.1.159. PubMed PMID: 25510760; PubMed Central PMCID: PMC4276750.

25: Henky J, Yasuda M, Arifin MZ, Takayasu M, Faried A. Trumpet laminectomy microdecompression for lumbar canal stenosis. *Asian Spine J.* 2014 Oct;8(5):667-74. doi: 10.4184/asj.2014.8.5.667. Epub 2014 Oct 18. PubMed PMID: 25346821; PubMed Central PMCID: PMC4206818.

26: Arifin MZ, Yudoyono F, Dahlan RH, Hernowo BS, Sutiono AB, Faried A. A rare giant scalp dermatofibrosarcoma protuberans. *Surg Neurol Int.* 2014 Apr 1;5:45. doi: 10.4103/2152-7806.129909. eCollection 2014. PubMed PMID: 24818052; PubMed Central PMCID: PMC4014828.

27: Faried A, Arifin MZ, Ishiuchi S, Kuwano H, Yazawa S. Enhanced expression of proapoptotic and autophagic proteins involved in the cell death of glioblastoma induced by synthetic glycans. *J Neurosurg.* 2014 Jun;120(6):1298-308. doi: 10.3171/2014.1.JNS131534. Epub 2014 Mar 28. PubMed PMID: 24678780.

28: Arifin MZ, Tjahjono FP, Faried A, Gill AS, Cahyadi A, Hernowo BS. Giant cell angiofibroma of the scalp: A benign rare neoplasm with bone destruction. *Surg Neurol Int.* 2013 Sep 30;4:131. doi: 10.4103/2152-7806.119079. eCollection 2013. PubMed PMID: 24231802; PubMed Central PMCID: PMC3815085.

29: Bisri T, Dash HH. Report on 3rd ASNACC Held at Bali (Indonesia). *J Neurosurg Anesthesiol.* 2013 Oct;25(4):429-30. doi: 10.1097/ANA.0b013e31829aaa81. PubMed PMID: 24004983.

30: Ji GY, Oh CH, Shin DA, Ha Y, Kim KN, Yoon DH, Yudoyono F. Stand-alone Cervical Cages Versus

Anterior Cervical Plates in 2-Level Cervical Anterior Interbody Fusion Patients: Analysis of Adjacent Segment Degeneration. *J Spinal Disord Tech.* 2015 Aug;28(7):E433-8. doi: 10.1097/BSD.0b013e3182a355ad. PubMed PMID: 23897053.

31: Zafrullah Arifin M, Gunawan W. Analysis of presurgery time as a prognostic factor in traumatic acute subdural hematoma. *J Neurosurg Sci.* 2013 Sep;57(3):277-80. PubMed PMID: 23877273.

32: Arifin MZ, Gill AS, Faried A. Penetrating skull fracture by a wooden object: Management dilemmas and literature review. *Asian J Neurosurg.* 2012 Jul;7(3):131-4. doi: 10.4103/1793-5482.103716. PubMed PMID: 23293668; PubMed Central PMCID: PMC3532759.

33: Arifin MZ, Mardjono I, Sidabutar R, Wirjomartani BA, Faried A. Pterional approach versus unilateral frontal approach on tuberculum sellae meningioma: Single centre experiences. *Asian J Neurosurg.* 2012 Jan;7(1):21-4. doi: 10.4103/1793-5482.95691. PubMed PMID: 22639687; PubMed Central PMCID: PMC3358953.

34: Arifin MZ, Faried A, Shahib MN, Wiriadisastra K, Bisri T. Inhibition of activated NR2B gene- and caspase-3 protein-expression by glutathione following traumatic brain injury in a rat model. *Asian J Neurosurg.* 2011 Jul;6(2):72-7. doi: 10.4103/1793-5482.92160. PubMed PMID: 22347327; PubMed Central PMCID: PMC3277073.

35: Bernstein M, Hamstra SJ, Woodrow S, Goldsman S, Reznick RK, Fairholm D. Needs assessment of neurosurgery trainees: a survey study of two large training programs in the developing and developed worlds. *Surg Neurol.* 2006 Aug;66(2):117-24; discussion 124-6. PubMed PMID: 16876590.

36: Mahadewa T, Harsan H, Nugroho S, Bernstein M. Postoperative recovery of complete sudden paraplegia due to lumbar schwannoma. Case report. *J Neurosurg Spine.* 2005 May;2(5):601-3. PubMed PMID: 15945436.

37: Mahadewa T, Mizuno J, Inoue T, Song J, Nakagawa H. Traumatic C6-7 subluxation associated with C-7 fracture treated with a pedicle screw system under navigation guidance-case report. *Neurol Med Chir (Tokyo).* 2005 Feb;45(2):87-91. PubMed PMID: 15722606.

38: Mahadewa T, Mizuno J, Inoue T, Nakagawa H. C7 fracture treated with a pedicle screw system under navigation guidance. *Singapore Med J.* 2004 Oct;45(10):489-93. PubMed PMID: 15455171.

Eligible patients were aged ≥ 18 years admitted to the Neurosurgery Department in Dr. Hasan Sadikin Hospital-a regional referral hospital in Bandung City, Indonesia. Clinical data were collected on admission by clinicians. In-person interviews were undertaken with a clinical research nurse 1 to 2 days pre-discharge, and telephone follow-up interviews at 1, 2, and 3 months post-discharge. Information was also collected on pathways prior to admission and following discharge. The number of contact attempts for each patient interview was documented, as was the overall acceptability of undertaking a telephone interview. RESULTS:

Of 178 patients discharged from hospital, 12 later died. Of the remaining 166 patients, 95% were able to be followed up to 3 months. Two-thirds of patients had been referred from another hospital. Patients came from, and were discharged to, locations throughout the West Java region. At the 1-month interview, 84% participants reported that they had had a follow-up consultation with a health professional-mostly with a neurosurgeon. CONCLUSION:

This study has shown that, with a neurosurgery nurse delegated to the role, it is feasible to conduct

follow-up telephone interviews with patients after discharge from a neurosurgery ward and that in fact such follow-up was appreciated by patients ¹⁾.

¹⁾

Sutiono AB, Faried A, McAllister S, Ganefianty A, Sarjono K, Arifin MZ, Derrett S. The Bandung neurosurgery patient outcomes project, Indonesia (Part II): Patient pathways and feasibility and acceptability of telephone follow-up. *Int J Health Plann Manage*. 2018 Jan;33(1):e49-e56. doi: 10.1002/hpm.2406. Epub 2017 Mar 2. PubMed PMID: 28252219.

From:

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

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=bandung>

Last update: **2024/06/07 02:54**

