

Jakarta



Neurosurgical service in [Indonesia](#) was first established in [1948](#) at Princess Margriet Hospital in [Jakarta](#) (previously known as Batavia) by the Dutch Red Cross during the war for Indonesian independence.

It was the first hospital in Indonesia which was equipped with diagnostic, treatment, and rehabilitation facilities for neurosurgical cases. Initially the main purpose was to treat Dutch soldiers with central nervous system injuries.

The history of neurosurgery in Faculty of Medicine Universitas Indonesia and [Dr. Cipto Mangunkusumo Hospital](#) can not be separated from the development of neurosurgery in Indonesia. The neurosurgery service in Jakarta is the “embryo” of neurosurgery in large.

Neurosurgery service was started since [1948](#) upon the initiative of Prof. C.H. Lenshoek, the father of Dutch Neurochirurgi, who was born in [Indonesia](#) and had deep affection to Indonesia. With the help of Dutch Red Cross, he established neurochirurgi clinic which aim to help war victim. This clinic had not been a part of CBZ hospital, later on known as Cipto Mangunkusumo Hospital. A hospital special for Neurosurgery with facilities for diagnose, care, surgery and rehabilitation was established as Princes Margriet Hospital, located at Jl. Raden Saleh no 49. The neurosurgeon from the Dutch Association of Neurosergon voluntarily worked for 6 months serving in this clinic. They were: Dr P. Hanraet, Dr. A.C. de Vet dari Wassenaar, Dr. Wiersma from Rotterdam, Prof.Dr. Noordenbos from Amsterdam, Dr. M.P.A.M de Groot dari Tilburg and Prof.Dr.C.H. Lenshoek from Amsterdam who later on became professor in Groningen. The last specialist was Dr. P. Albert who is a Spanish. He worked until 1952 under the management of Indonesian Government.

In the beginning of 1960's, the relationship between Salemba and Raden Saleh was not very good. In consideration to give better service to the patient, on December 1964, the Department of Neurosergery was moved to the main building at Jalan Diponegoro no. 71. The new location of the department was at the room that was previously left by Pulmonology Department that moved to

Persahabatan Hospital. At the beginning, the capacity was 90 beds, but later on it was reduced to 31 beds due to limitation number of neurosurgeon.

Currently, patients were accommodated at Building A level V. The number of beds are still maintained although the number of neurosurgeon is now 11 people. The number of surgery is now increased to be 200 surgeries per year with various type of diseases with modern equipment for diagnostic and operative purposes.

Currently the Department of Neurosurgery FKUI-RSCM is headed by dr. Samsul Ashari, SpBS(K).

Divisions Department of Neurosurgery FKUI-RSCM has 6 divisions

Oncology
Vascular
Pediatric
Trauma
Spine
Functional

Public Service

Expertise

Daryo W Soemitro, dr, SpBS
David Tandian, dr, SpBS
Hanif G. Tobing, dr, SpBS
Hilman Machyudin, Prof, dr, SpBS
Mohamad Saekhu, dr, SpBS
Renindra Ananda Aman, Dr, dr, SpBS
Samsul Ashari, dr, SpBS
Setyo Widi Nugroho, dr, SpBS
Syaiful Ichwan, dr, SpBS
Wismaji Sadewo, dr, SpBS

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Events

NASSMISS 2018

3rd Scientific combined meeting NASS / ISMISS

Sep 14 - 16, 2018

Jakarta / Indonesia

Publications

1: Sirait RH, Hatta M, Ramli M, Islam AA, Arief SK. Systemic lidocaine inhibits high-mobility group box 1 messenger ribonucleic acid expression and protein in BALB/c mice after closed fracture musculoskeletal injury. *Saudi J Anaesth*. 2018 Jul-Sep;12(3):395-398. doi: 10.4103/sja.SJA_685_17. PubMed PMID: 30100837; PubMed Central PMCID: PMC6044174.

2: Widhi Nugroho A, Arima H, Takashima N, Fujii T, Shitara S, Miyamatsu N, Sugimoto Y, Nagata S, Komori M, Kita Y, Miura K, Nozaki K. The JAGUAR Score Predicts 1-Month Disability/Death in Ischemic Stroke Patient Ineligible for Recanalization Therapy. *J Stroke Cerebrovasc Dis*. 2018 Jun 22. pii: S1052-3057(18)30264-7. doi: 10.1016/j.jstrokecerebrovasdis.2018.05.024. [Epub ahead of print] PubMed PMID: 29941394.

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.

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5: Sinurat R, Banjarnahor JD. Incidental bleeding meningioma. *Asian J Neurosurg*. 2017 Apr-Jun;12(2):247-249. doi: 10.4103/1793-5482.144195. PubMed PMID: 28484542; PubMed Central PMCID: PMC5409378.

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7: Samartzis D, Cheung JP, Rajasekaran S, Kawaguchi Y, Acharya S, Kawakami M, Satoh S, Chen WJ, Park CK, Lee CS, Foocharoen T, Nagashima H, Kuh S, Zheng Z, Condor R, Ito M, Iwasaki M, Jeong JH, Luk KD, Prijambodo B, Rege A, Jahng TA, Luo Z, Tassanawipas W, Acharya N, Pokharel R, Shen Y, Ito T, Zhang Z, Aithala P J, Kumar GV, Jabir RA, Basu S, Li B, Moudgil V, Goss B, Sham P, Williams R. Critical Values of Facet Joint Angulation and Tropism in the Development of Lumbar Degenerative Spondylolisthesis: An International, Large-Scale Multicenter Study by the AOSpine Asia Pacific Research Collaboration Consortium. *Global Spine J*. 2016 Aug;6(5):414-21. doi: 10.1055/s-0035-1564417. Epub 2015 Oct 26. PubMed PMID: 27433424; PubMed Central PMCID: PMC4947402.

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cerebral aneurysms. *Expert Rev Neurother*. 2016 Aug;16(8):927-35. doi:

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15: Kusuma Y, Venketasubramanian N, Kiemas LS, Misbach J. Burden of stroke in Indonesia. *Int J Stroke*. 2009 Oct;4(5):379-80. doi: 10.1111/j.1747-4949.2009.00326.x. PubMed PMID: 19765126.

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