

Case of ischemic stroke with recurrent hypoglycemia in pregnant woman during the period of pregnancies  
Publikasi penelitian 2017

**LAPORAN HASIL PENELITIAN**  
**Yang disajikan dalam bentuk poster**  
**dan dimuat dalam supplement Jurnal Internasional bereputasi**

**XXIII World Congress of Neurology (WCN 2017)**  
**Kyoto, Japan | September 16 – 21 2017**

*Dipublikasikan melalui: Journal of the Neurological Sciences; Elsevier; 15 Oktober 2017;*  
*Vol 381; SUPPLEMENT, 1109; ISSN 0022-510X, 1878-5883; DOI:*  
*<https://doi.org/10.1016/j.jns.2017.08.3128>; terindeks Scimago Q2 Sjr 2021 0,88;*  
**Penulis keempat**



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**FAKULTAS KEDOKTERAN**  
**UNIVERSITAS KRISTEN MARANATHA**  
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**2017**

**Case of ischemic stroke with recurrent hypoglycemia in pregnant woman during the period of pregnancies**

**Publikasi penelitian 2017**

- Judul Poster : **Case of ischemic stroke with recurrent hypoglycemia in pregnant woman during the period of pregnancies**
- Penulis : **S. Tanumihardja, Y. Dikot, Y. Hoo, D. Supantini**
- Acara : Internasional (World Congress)
- Diajukan pada : **XXIII World Congress of Neurology (WCN 2017) Kyoto, Japan | September 16 – 21 2017. Penulis keempat**
- Dimuat dalam : **Journal of the Neurological Sciences; Elsevier; 15 Oktober 2017; Vol 381; SUPPLEMENT, 1109; ISSN 0022-510X, 1878-5883; DOI: <https://doi.org/10.1016/j.jns.2017.08.3128>; terindeks Scimago Q2 Sjr 2021 0,88; Penulis keempat**

**Panitia penyelenggara:**

<https://wfneurology.org/wcn-2017-congress-committees>

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WCN 2017: Kyoto Congress Committees

WCN 2017: Kyoto

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 September 16-21 2017, Kyoto, Japan



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## Bukti penerimaan abstrak

Trs: WCN 2017 - Abstract Acceptance Notification > [Kotak Masuk x](#)


Sylvia Tanumihardja <sgenevies\_schrjver@yahoo.com>  
kepada Yustiani, says, Hoo

Inggris > Indonesia > [Terjemahkan pesan](#)

Kepada Yth dr Yustiani, dr Yumilia dan dr Dedeh.  
Ada labar gembara bahwa abstrak kita diterima untuk dipresentasikan di XXIII WCN 2017.  
Terima kasih banyak atas bimbingan guru kita dr Yustiani dan para sahabat sejarat tercinta dr Yumi dan dr Dedeh.

Hormat +sja-  
dr Sylvia

Pada Kamis, 8 Juni 2017 21:57, "WCN\_abstracts@kenes.com" <WCN\_abstracts@kenes.com> menulis:



**Abstract Number:** WCN17-1912  
**Abstract Title:** Case of Ischemic Stroke with Recurrent Hypoglycemia in Pregnant Woman During the Period of Pregnancies

Dear Dr Sylvia Tanumihardja,  
On behalf of the Scientific Program Committee, we are pleased to inform you that your abstract has been accepted for presentation at the XXIII World Congress of Neurology (WCN 2017).

The Scientific Program Committee is currently finalizing the scheduling of presentations. Therefore, we will inform you in due course of your presentation type and schedule in the program. We thank you for your patience and look forward to your presentation.

Please visit the Congress [website](#) regularly for any updates or changes to the scientific program.

**CONFIRMATION OF ATTENDANCE AND REGISTRATION FOR THE CONGRESS**  
The presenting author must confirm his/her attendance by registering for the Congress.

If you have not already registered and paid your registration fees you are requested to do so online via this [link](#). Only abstracts of participants who have registered and paid their fees by June 15, 2017, will be included in the final program, and published in the online Journal of the Neurological Sciences.

If you are registering for the Congress as part of a group, please let us know so that we may update our records and please disregard this email.

Please also make sure if there is any change in presenting author that you notify us immediately, as the registration records are checked against the corresponding author details only.

**HOTEL ACCOMMODATION**  
As the official organizer of WCN 2017, Kenes International is offering specially reduced rates for various hotels in Kyoto. Special rates are now available for a limited number of rooms. For further information please click [here](#).

**FURTHER INFORMATION**  
For all other queries, please [contact](#) the WCN Organizer.

We are looking forward to welcoming you in Kyoto!

Best regards,  
WCN 2017 Congress Organizer

## Bukti kehadiran



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**Publikasi penelitian 2017**

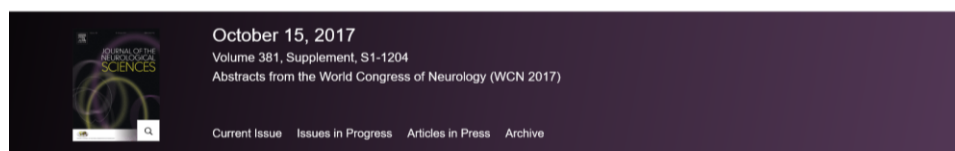
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**Judul: Case of ischemic stroke with recurrent hypoglycemia in pregnant woman during the period of pregnancies**

*S. Tanumihardja, Y. Dikot, Y. Hoo, D. Supantini*

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DOI: <https://doi.org/10.1016/j.jns.2017.08.3128>

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October 2017  
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S. Tanumihardja · Y. Dikot · Yumilia Hoo · Dedeh Supantini

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#### Abstract

Background: We report a rare case, 30 years-old woman 12 weeks of her first pregnancy admit to emergency department Immanuel Hospital with impaired of consciousness for 3 days, laboratory finding present hypoglycaemia, after four days there was paraparetic, CT scan finding bilateral infarction. Objective: Hypoglycaemia in pregnancy can caused by increased hormones progesterone, estrogen, lactogen plasenta, GH, cortisol that affect hormones insulin and there will be disturbances in blood sugar levels. The symptoms of hypoglycemia are classified as neuroglycopenic symptoms, caused by the stimulation of sympathetic nervous system which can induce vasoconstriction, platelet aggregation and might lead to decreased cerebral glucose availability – include confusion and focal cerebral impairment. Patients and Methods / Material and Methods: Laboratory findings are normal except for Hb 9.1 mmol/l, blood glucose 37 mmol/l. There is no external cause for hypoglycaemia, investigation for insulinoma, nesidoblastosis, NIPHS, with USG and laboratory test of Fasting serum insulin, serum C peptide levels, islet cell cytoplasmic autoantibodies and glutamic acid decarboxylase autoantibodies and ANA panel test were normal. Laboratory investigation for prothrombotic state of pregnancy itself or an underlying predisposition for thrombophilia were not perform. EEG shows left frontal slowing. Results: The hypoglycemia controlled by dextrose 5 % infusion, low glycemic diet and antiplatelet treatment. She completed the pregnancy and delivered full term healthy baby. Conclusion: We report a rare case of a pregnant woman who suffered recurrent severe reactive hypoglycemia and ischemic stroke. We concluded that platelet activation occurred after severe and prolonged hypoglycemia with increments in platelet monocyte aggregation lead to arterial thrombosis and caused Ischemic stroke.

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