















Final Announcement

1st Annual NEURO ICU SYMPOSIUM

"Cutting-edge Management of Neurological and Neurosurgical Emergencies and Critical Care"

January 16th - 19th, 2019 Royal Ambarrukmo Hotel Yogyakarta

INVITATION TO PARTICIPATE

Dear Colleagues,

Some complication of Anesthesia either ending with fatal or near fatal condition. So we have to hold this The First Annual Neuro ICU Symposium Cutting-edge Management of Neurological and Neurosurgical Emergencies and Critical Care.

That will be held on January 16th – 19th, 2019, we proudly present performance our Sympo "The First Annual Neuro ICU Symposium". Our very first sympo about Neuro ICU, that is a designed to emphasize the important of this essential part from early detect to manage this complication other than we will also hold various Workshops. Topics will be presented by highly competent speakers from many part of Indonesian Hospital or Faculty so that we will all be able to have experiences and knowledge on recent advances in field anesthesia and other Evidence Base especially in Neurological and Neurosurgical Emergencies and Critical Care. We strongly suggest the first annual sympo is the best event for developing skill and knowledge beyond the anesthesia – intensive therapy field.

Not only the Symposium topics and Workshop will be interesting but we hope that you all enjoy all the time in Special Yogyakarta.



Best Regards
SUDADI. MD

ORGANIZING COMMITTEE

Advisor : Prof. Dr. Tatang Bisri, dr. SpAn, KNA, KAO

dr. Bambang Suryono, Sp.An, M.Kes, KNA, KAO, KIC

DR.dr. Sri Rahardjo, Sp.An, KNA, KAO

Chairman : Dr. dr. Sudadi, SpAn, KNA, KAR

General Secretary : dr. Wahyu Jati Paramita Dewi

Treasure : dr. Rima Putri Hastri

Fundraise Committee: dr. Fathkur Roofi Khoeri

Scientific Committee: Dr. dr. MM Rudi Prihatno, SpAn, KNA

Dr. Yulianti Bisri, dr. SpAn, KNA, KAO

dr. Ardana, SpAn, KNA

dr. Heri Tri Susanto

Publication and Doc : dr. Hamam Prakosa

Acara : dr. Rendra Perwira

Perlengkapan : dr. Crodia Hernandes

Workshop : dr. Fathkur Roofi Khoeri

dr. Rendra Perwira



PROGRAM AND ACTIVITIES

1. PREE SYMPOSIUM WORKSHOP

- a. Neuro Emergency
- b. Transcranial Doppler (TCD)
- c. Intra Operative Neurophysiology Monitoring (IOM)

2. Neuro ICU 1 Annual Symposium (Scientific Topics)

- a. Concept Neuro ICU
- b. Ethics in Neuro ICU
- c. Admission to neurological ICU: who, when, and why?
- d. Why Neuro ICUs are totally unique?
- e. Organization of a Neuro ICU Unit
- f. Insert ICP monitor/ Monitoring in neurocritical care unit
- g. Fluid, Blood product and Mannitol
- h. How and when should I use barbiturate coma?
- I. Hypothermia therapy in severe TBI
- j. Normal Blood Pressure or Therapy Hypertensive in severe TBI

3. Medical & Scientific Exhibition

Scientific exhibition on 18 – 19 January 2019 including the latest technology, equipment for clinical management & pharmaceutical products and literature Companies Interest in participating in the exhibition can request more information and order forms from scretariat.

4. E-Poster & Free Paper Contest

Will be held 18–19 January 2019. Participants are invited to submit E-Poster and free paper. E-Poster and free paper should be submitted in English Presentation, only for a registered participant. E-poster and free paper will not be processed until the registration fee have been received and acknowledged.



DATE OF IMPORTANCE

VENUE

Workshop : The Royal Ambarrukmo Hotel Yogyakarta
Symposium : The Royal Ambarrukmo Hotel Yogyakarta

DATE

Workshop : 16-17, January 2019 Symposium : 18-19, January 2019

EXHIBITION : 18–19, January 2019 **E-POSTER PRETENTATION** : 18–19, January 2019

SECRETARIAT

Departemen Anesthesiology and Intensive Therapy
Faculty of Medicine, Universitas Gadjah Mada – RSUP. Dr. Sardjito
Jalan Kesehatan No. 1 Yogyakarta, Indonesia

Phone: +62-274-58733 ext 668

Email:neuroicu.inasnacc@gmail.com

CONTACT PERSON

-Oci:087839812240

OFICIAL WEBSITE

http://neuro.icu.inasnacc.com

NEURO ICU SYMPOSIUM PROGRAM DAY 1

SESSION 1: PLENARY Moderator : Prof. Dr. dr. Tatang Bisri, SpAn, KNA, KAO

Time	Topics	Speaker
07.30 - 08.00	Setting up a Neuro ICU – benefits and challenges	Prof. Thomas Lew
08.00 - 08.30	Ethics in Neuro ICU	dr. Bambang Suryono, SpAn,M.Kes, KNA, KAO
08.30 - 09.00	Prevention Fraud di Neuro ICU in BPJS Era	dr. Andi Wahyuning Attas , SpAn, KIC, MARS
09.00 - 09.15	Discussion	

SESSION 1: BASIC NEURO ICU Moderator :Dr. dr. Dewi Yuli Bisri, SpAn, M.Kes, KAO, KNA

		, , , , , _ , _
Time	Topics	Speaker
09.15 - 09.45	Neurophysiology for the Neurointensivist	Prof. See Jee Jian
09.45 – 10.15	Pathophysiologic processes in the NICU patient	Wong Yu Lin, MD
10.15 – 10.45	Approach to the comatosed patient	Prof. Kwek Tong Kiat
10.45 - 11.00	Discussi	on

11.00 – 12.00 Lunch Symposium	
12.00 – 13.00	ISHOMA

SESSION 2: FIRST-TI	ER THERAPY Moderator: dr. Bambang Suryono S, SpAn, M.Kes, KNA, KAO		
Time	Topics	Speaker	
13.00-13.30	Using the ICP monitor to guide therapy – should we?	Prof. See Jee Jian	
13.30-14.00	Fluid, Blood product and Hyperosmolar Therapy	Prof. dr. Siti Chasnak Saleh, SpAn, KIC, KNA	
14.00-14.30	Ventilation	dr. Bambang Wahjuprajitno, SpAn,KIC	
14.30-15.00	Discussion		

SESSION 3 Moderator: DR. dr. Sri Rahardjo, SpAn, KNA, KAO

Time	Topics	Speaker	
15.00-15.30	GCS, GOS and GOSE	Dr. dr. Ismail Setyopranoto Sp.S(K)	
15.30 -16.00	Diagnosing brain death in the Neuro ICU	Prof. Kwek Tong Kiat	
16.00-16.30	Brain death certification	Dr. dr. Iwan Fuadi , SpAn, KNA, M.Kes	
16.30-16.45	Discussi	on	

NEURO ICU SYMPOSIUM PROGRAM DAY 2

SESSION 4: SECOND-TIER THERAPY Moderator : Prof. Dr. dr. Nancy Margarita Rehatta, SpAn, KNA, KMN

Time	Topics	Speaker	
8.00-8.30	How and when should I use barbiturate coma?	Dr. dr. Sudadi, SpAn, KNA, KAR	
8.30-9.00	Hypothermia therapy in severe TBI	Prof. Dr. dr. Tatang bisri, SpAn, KNA, KAO	
9.00-9.30	Normal Blood Pressure or Therapy Hypertensive in severe TBI	Dr. dr. I Putu Pramana Suarjaya, SpAn, M.Kes, KNA, KMN	
9.30-10.00	Decompresssive Craniectomy	Prof. Dr. dr. Zainal Muttaqin, Sp.BS, Ph.D	
10.00-10.15	Discussion		

SESSION 5: Moderator : Dr. dr. Sri Raharjo, SpAn, KNA, KAO

Time	Topics	Speaker	
10.15-10.45	decompressive laparotomy for refractory intracranial hypertension : is it useful?	Dr. dr. Dewi Yulianti Bisri, M.Kes, SpAn, KNA,, KAO	
10.45-11.15	Pharmacological Brain Protection in severe TBI	Dr. dr. M. Sofyan Harahap, SpAn, KNA	
11.15-11.45	Nutrition in patient with severe TBI: when parenteral, enteral and combine?	Prof. Dr. dr. Nancy Margarita Rehatta, SpAn, KNA, KMN	
11.45-12.00	Discussion		
12 30-13 00	ISHOMA		

SESSION 6: Moderator : Dr. dr. Sudadi , SpAn, KNA

Time	Topics	Speaker	
13.00-13.30	Specific Biomarker in severe TBI to detect outcome	Dr. dr. Rudi Prihatno, SpAn, KNA	
13.30-14.00	Sedation and analgesia	dr. Syafruddin Gaus, Ph.D.,SpAn, KMN, KNA	
14.00-14.15	Discussion		
14.45-15.00	CLOSING		

NEURO ICU PREE SYMPOSIUM WORKSHOP



SUSUNAN ACARA

I HARI PERTAMA 16 JANUARI 2019

WAKTU	MATERI	Pembicara
07.00-07.30	Registrasi ulang	Panitia
07.30-08.00	Pre Test	Panitia
08.00-08.15	Pembukaan	Panitia
08.15 -09.00	Prinsip-prinsip Neurocritical Care	Dr Bambang
09.00-09.45	Manajemen pasien dengan penurunan kesadaran	Dr Sudadi
	(Koma)	
09.45-10.00	Coffe Break	
10.00-10.45	Manajemen pasien dengan kejang	Dr Sri raharjo
10.45-11.30	Manajemen pasien dengan kelemahan (Weakness)	Dr Rudi
11.30-13.00	Istirahat, Sholat dan Makan siang	

Skill 2	Skill 3
najemen pasien dengan	(Simulasi dan diskusi kasus) Manajemen pasien dengan Kelemahan otot Dr Rudi
	nulasi dan diskusi kasus) najemen pasien dengan Kejang dan Penurunan kesadaran

I HARI KEDUA 17 JANUARI 2019

WAKTU	MATERI	Pembicara
07.30-8.15	Manajemen pasien dengan nyeri kepala berat	Dr yudhianta.
	(Severe Head Ache)	Sp.S(konsultan nyeri)
08.15-09.00	Traumatic Brain Injury	Dr Rachmat
		andi SP.BS
09.00-09.15	Coffee Break	Panitia
09.15-10.00	Spinal Cord Injury	Prof tatang
10.00-10.45	Stroke	Dr ismail sp.s
10.45-11.30	Infektif Neurological Emergency	dr sekar satiti
		Sp.S
11.15-13.00	Istirahat, Sholat dan Makan siang	Panitia
13.00-13.45	Deklarasi Brain Death dan Paliatif Care pada	Dr iwan
	pasien Neurocritical care	
13.45-16.30	Simulasi komprehensif dan Debriefing	Dr sudadi
		Sp.AN Dan dr
		bowo sp.an
16.30-17.00	Post Test	panitia
17.30-selesai	Penutupan	

WORKSHOP TRANSCRANIAL

Date: January 17th, 2019

: IDR 3.000.000 Cost

Venue : Royal Ambarrukmo Hotel

WORKSHOP: TRANSCRANIAL DOPPLER

TCD provides a real-time, non-invasive, and relatively inexpensive assassment of characteristics of blood flow and cerebrovascular hemodynamics in the brain's basal arteries. TCD examination has clinical use in a number of disease conditions. it also has now been applied for assessment of vasospasm, subarachnoid hemorrhage, intra and extracranial arterial stenosis and occlusion, assessment of brain stem death, head injury, increase intracranial pressure, intraoperative monitoring, vasomotor function impairment, and cerebral microembolism in right to left cardiac shunt. furthermore, it has also been used extensively for the assessment of cerebral pressure autoregulation.

Neuro ICU Symposium 2019

"Cutting-edge Management of **Neurological and Neurosurgical Emergencies and Critical Care**"

Contact Person: dr. Irham (0813 2881 1447)

Application form http://neuro.icu.inasnacc.com/?page=registrasi

Departemen Anestesiologi dan Terapi Intensif **FKKMK UGM - RSUP Dr. Sardiito** Jl. Kesehatan No. 1 Sekip, Bulaksumur, Yogyakarta 55284 Telp. (0274) 587333 ect 288, Fax: (0274) 5144495

WORKSHOP

TRANSCRANIAL DOPPLER

Welcome address and introduction to Transcranial Doppler

Clinical Application and Interpretation of TCD results

Additional control, windows and vessels

Finding the middle cerebral artery

Finding anterior and posterior cerebral arteries

Finding the internal carotid, basilar, and vertebral arteries

Optic nerve assessment for ICP monitoring

Skill station on human model

SPEAKERS

- dr. Ramzuzaman Ismail (Malaysia)
- dr. Cheong Chee Yen (Malaysia)
- dr. Jollis Thjia, SpEM (Indonesia)

Neuro ICU Symposium 2019

"Cutting-edge Management of Neurological and Neurosurgical Emergencies and critical Care"

WORKSHOP

Intra Operative Neurophysiology Monitoring

Date: January 17th, 2019

Cost : IDR 1.000.000

Venue : Royal Ambarrukmo Hotel

WORKSHOP: Intra Operative Neurophysiology Monitoring

Intra Operative Neurophysiology Monitoring menjadi *gold standart* pada pemantauan funsional jaringan saraf selama prosedur operasi yang melibatkan sistem saraf. Penggunaan Samatosensory Evoked Potentials (SEPs) dan Moto-Evoked Potentials (MEPs) memberikan pemantauan yang kuat terhadap jarak sensorik dan motorik di cornu anterior dan comu posterior. Medulla spinalis, dimana sistem saraf pusat pasien dapat diperiksa tanpa membutuhkan kooperasi asien pada saar teranestesi. Prosedur operasi pada system saraf pusat berpotensi untuk menimbulkan trauma dan merusak struktur san fungsional dari saraf sehingga berisiko menyebabkan defisit neurologis pascaoperasi. Penggunaan IONM pada prosedur operasi spinal orthopedi mampu menurunkan secara signifikan insidensi defisit neurologis pascaoperasi tersebut.

Neuro ICU Symposium 2019

"Cutting-edge Management of Neurological and Neurosurgical Emergencies and Critical Care"



Application form http://neuro.icu.inasnacc.com/?page=registrasi

Departemen Anestesiologi dan Terapi Intensif FKKMK UGM - RSUP Dr. Sardjito Jl. Kesehatan No. 1 Sekip, Bulaksumur, Yogyakarta 55284 Telp. (0274) 587333 ect 288, Fax: (0274) 5144495

WORKSHOP

Intra Operative Neurophysilogical Monitoring

Introduce Intra Operative Neurophysiology Monitoring
Practical Approach
Technical Assesment
Skill station

Neuro ICU Symposium 2019

"Cutting-edge Management of Neurological and Neurosurgical Emergencies and critical Care"

Application form http://neuro.icu.inasnacc.com/?page=registrasi

Contact Person: **dr. Hafid** (0813 9248 8865)

Apabila l Minggu sebelum pelaksaan, peserta belum memenuhi kuota, workshop akan di tiadakan.

FREE PAPER

GENERAL RULES

- 1. The competition is open to all anesthesiologists and anesthesiology students.
- All paper must be submitted and presented in clear English with accurate grammar and spelling of a quality suitable for publication.
- 3. The award is based on the quality of the manuscript and the content and style of the platform presentation; the work should be scientific, innovative, informative, and practical. The topic of the research must be related to anesthesiology.
- 4. Authors must attend the conference, and to present the paper. Authors who do not attend the conference will be disqualified from the paper competition.
- 5. The student presenting the paper must be the first author on the abstract and on the manuscript.

SUBMISSIONS

- Only paper of authors who have paid their registration fees and submit the paper by 1 August 2018 will be accepted in NEURO ICU SYMPOSIUM 2019 free paper competition. No exceptions to this cut-off date can be granted.
- Papers should be submitted electronically in MS Word to the current secretariat of NEURO ICU SYMPOSIUM 2019 at neuroicu.inasnacc@gmail.com, with subject "free paper contest", followed by author's name.
- 3. Changes cannot be made once the paper has been submitted.



PAPER REQUIREMENTS

- 1. Papers must be typed, double-spaced, Times New Roman font (size 12)
- 2. Papers should be approximately 15-20 pages in length.
- 3. There is no requirement on the number of references.
- 4. All papers must include a(n):
 - ~ Title page (first and last name, title of the paper, institution detail, date)
 - ~ abstract (limited to 250 words) with 3-5 key words or phrases
 - ~ Introduction
 - ~ Body
 - ~ Conclusion
 - ~ Reference page
 - ~ Relevant appendices are acceptable if needed
- 5. References should be numbered consecutively in the order in which they are first mentioned in the text (not in alphabetic order). Few examples:
 - a. Journal

Schwartz A, Bosch LM. Anesthetic implications of postpolio syndrome: new concerns for an old disease. AANA J.2012;80(5):356-361.

b. Book Chapter

Tunajek SK. Standards of care in anesthesia practice. In: Foster SD, Faut Callahan M, eds. A Professional Study and Resource Guide for the CRNA. 2nd ed. Park Ridge, IL: American Association of Nurse Anesthetists; 2011:149-174.

c. Website

US Department of Veterans Affairs. National Center for PTSD Website. PTSD Overview.http://www.ptsd.va.gov/public/pages/fslist-PTSD-overview.asp. Accessed September 17, 2012.

EVALUATION METHOD

- 1. Quality of writing/organization 33%
- 2. Critical analysis/use of the literature/ novel thoughts/Ideas 33%
- 3. Contribution to the profession 33%

AWARDS

Prizes will be awarded the day of the conference at the closing ceremony.

For further information do not hesitate to call our contact person

dr. Shonnif (0813 3003 3330) or BY EMAIL VIA neuroicu.inasnacc@gmail.com

E-POSTER GUIDELINES NEURO ICU SYMPOSIUM 2019

An e-poster is an electronic version of the traditional boards, and is displayed on screens.

- ~ The E-poster will be displayed on giant screen
- ~ File format should be image TIFF (*.tif/*.tiff)
- ~ Total size of the presentation should not exceed 10 MB.
- ~ Maximum number of slides per E-poster: 1 (One)
- ~ All slides should be in portrait format
- ~ Animation/movies/sounds will not be supported, please submit in a static format only.

GENERAL INSTRUCTIONS FOR WRITING RESEARCH/CASE REPORT

- ~ No abstracts will be considered after the closing deadline
- ~ Abstracts must be typed in English
- ~The abstract of original contributions should be written in structured form along with personal data as follow:
 - a. Topic title with bold all caps, short and spesific
 - b. Presenting authors full name with underline
 - c. Institution Affiliation & City and Country Origin
 Provide an abstract on not more than 250 words. It should
 consist of five paragraphs, labeled Background, Objective,
 Methods, Results, and Conclusions. They should briefly
 describe, respectively, the problem and aim being addressed
 in the study, how the study was performed, the salient result,
 and what the authors conclude from the results. Avoid using
 non standard abbreviations, unfamiliar terms, symbols, or
 acronyms not easily understood by general readers.

E-POSTER DISPLAY

- All posters will be automatically displayed on giant screen as a slide show
- 2. Five (5) posters will be presented which selected by Panel of Jury
- 3. Presentation schedule to be announced 19 January 2019
- 4. Poster presentation and discussion period of the poster on related poster topic upon the site schedule during which at least the presenting authors should stand besides their posters to answer Q's. The time is during any break and lunch times.

ABSTRACT ACKNOWLEDGEMENT

Submitted abstract will be reviewed by member of the panel to be allocated to Posters upon quality, clarity, and relevance for the audience, as well as the significance of the paper. Submission will be acknowledged by email reply st before 1 January 2019. All presenting authors, whose abstracts are accepted, must be paid registrants. Abstracts will not be processed until st appropriate registration fee has been received and acknowledge not later than 1 January 2019. The detail of Poster Presentations schedule, including place, date and time—will be informed to presenters to each st nominated email at the latest before 1 January 2019.

E-POSTER SUBMISSION

Abstract should be submitt before 1 January 2019 by email at neuroicu.inasnacc@gmail.com

PRIZES FOR BEST PRESENTATIONS

- ~ Accepted abstracts must be presented in the form of Poster Presentation
- ~ All the scientific poster presentation will be presided by a Panel of Jury
- ~ The paper winners presented will be awarded the cash basic prizes
- ~The result of the winning presentations will be announced at the latest on 18 January 2019
- ~All the Presenters are expected to attend in ballroom on time

For further information do not hesitate to call our contact person dr. Ihsan (0821 85383282) or BY EMAIL VIA neuroicu.inasnacc@gmail.com



REGISTRATION

Registration : Made by online or Contact Secretariat CP

open website: http://neuro.icu.inasnacc.com/?page=registrasi

REGISTRATION FEE

Symposium	Early 1" November 2018 – 31" December 2018	Late 1 st January 20019 – 14 th January 2019	Onsite 18th January – 19thJanuary 2019
Spesialist	IDR 2.000.000	IDR 2.500.000	IDR 3.000.000
General Practice	IDR 1.500.000	IDR 2.000.000	IDR 2.500.000
Student	IDR 1.500.000	IDR 2.000.000	IDR 2.500.000

Workshop	Registration Fee	Quota	
Neuro Emergency	IDR 3.000.000	30 Participants	
Transcranial Doppler (TCD)	IDR 3.000.000	30 Participants	
Intra Operative Neurophysiology Monitoring (IONM)	IDR 1.000.000	30 Participants	

CORPORATE HOTEL

Hotel	Deluxe	Superior/Merapi View * /Primer **
Royal Ambarrukmo	IDR 1.150.000	IDR 1.250.000



REGISTRATION INCLUDE

- ~ Admission to scientific session.
- ~ Entrance to the Exhibition and Opening Ceremony.
- ~ Including certificate of attendance, symposium kit, proceeding book Administration to all official coffee / tea break and lunch programmed.
- ~ Accommodation fee excluded from registration fee.

PAYMENT METHOD

Payment of Registration and Hotel Accommodation must be paid:

1. Bank Transfer

BANK MANDIRI KCP Yogyakarta R.S Sardjito

Name of A/C: INASNACC KNA A/C Number: 137-00-1608150-3

Registration fee must be paid within 7 days, otherwise reregistration will needed

2. Cash to Secretariate

Department Anesthesiology and Intensive Therapy Faculty of Medicine Universitas Gadjah Mada Yogyakarta RSUP. Dr. Sardjito JI Kesehatan No. 1, Yogyakarta, INDONESIA Phone: +62 274 587333 ext 668 Fax: +62 274 514495

- 3. Cancellation of registration Cancellation of registration must be submitted in writing or via email and is valid only acknowledgement of receipt by NEURO ICU SYMPOSIUM secretariat:
 - a. If cancellation occurs less than 7 days prior of the event, cancellation fee is 100% of the registration fee
 - b. If cancellation occurs between 7 days and 1 month prior to the start of the events, the cancellation fee is 25% of the registration fee

APPLICATION FORM

REGISTRATION FORM

1ST ANNUAL NEURO ICU SYMPOSIUM
"Cutting - edge Management of Neurological and Neurosurgical Emergencies and Critical care" January 16-19, 2019

Pate of Birth (dd/mm/yy) :	City:			
osition/Designation :				
nstitution/Organisation/Hospital/Afiliation:				
Nailing Address :				
elephone :	Mobile :			
mail:	Web:			
ponsored by :	Company :			
ontact :	Phone :			
would like to register as : Participant	Presenter (e-poster/paper)			
itle of the Presentation (for the presenter):				
			. 1	
Participant's Categories *	Registrat Specialist	ion Fe	ee (√) GP/Resident/Ns.	
Neuro Emergency	IDR. 3.000.000		-	Т
Transcranial Doppler (TCD)	IDR. 3.000.000		-	
Intra Operative Neurophysiology Monitoring (ION)	1) IDR. 1.000.000		-	
EARLY REGISTRATION 1 November 2018 - 30 December 2018	IDR. 2.000.000		IDR. 1.500.000	T
Symposium LATE REGISTRATION 1 January 2019 - 19 January 2019	IDR. 2.500.000		IDR. 2.000.000	
Total Payment	IDR.			
if the minimum number of participants did not meet the quota, t	he workshop will be rescheduled or the commi	ttee will	refund the payment.	
Methods of Payment:				
A. By Cash On Site				
B. By Bank Transfer (Please fax us the copy of bank advice after the bank transfer)	Bank Transfer BANK MANDIRI KCP YOGY/ Name of A/C : INASNAC A/C Number : 137-00-10	C KN	IA	
Accommodation:	I need accommodation 🗌 \	es [No	
	Deluxe		Superior/Merapi View */Prime	r **
	IDR. 1.150.000		IDR. 1.250.000	

(Please attach a short bio-data with this registration form)



SECRETARIAT

Department Anesthesiology and Intensive Therapy Faculty of Medicine Universitas Gadjah Mada Yogyakarta - RSUP. Dr. Sardjita JI Kesehatan No. 1, Yogyakarta, INDONESIA

From 1/0 074 F1 440 F

Fax: +62 274 514495

neuroicu.inasnacc@gmail.com http://neuro.icu.inasnacc.com