

The 6th Congress of Asian Society for Neuroanesthesia and Critical Care  
The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care

# Multidisciplinary approach for well-being



# Nara

Koryama Castle



Kofuku-ji Temple



Omizutori (Todai-ji Temple)



Imasicho

## The 6th Congress of Asian Society for Neuroanesthesia and Critical Care

## The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care

Program/Abstract



Kashihara Jingu Shrine



Deer in Nara Park

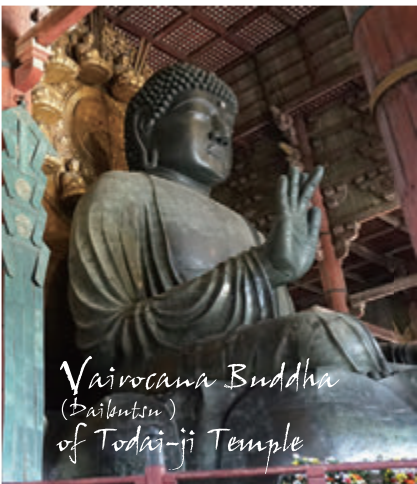


Nigatsu-do Hall of Todai-ji Temple

# Japan

### March 14(Thu.)-16(Sat.) 2019, Nara, Japan

Venue **Nara Kasugano International Forum 葦 IRAKA**  
Chairman **Masahiko Kawaguchi, M.D**  
Professor and Chairman,  
Department of Anesthesiology, Nara Medical University



Vairocana Buddha (Daibutsu) of Todai-ji Temple

2019 NARA

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The 6th Congress of Asian Society for  
Neuroanesthesia and Critical Care

第6回アジア神経麻酔集中治療学会

The 23rd Annual Meeting of Japanese Society for  
Neuroscience in Anesthesiology and Critical Care

第23回日本神経麻酔集中治療学会

Program / Abstract

Multidisciplinary approach for well-being

Date: March 14 (Thu.)-16 (Sat.), 2019

Venue: Nara Kasugano International Forum 麓 IRAKA

101 Kasuganochō, Nara-shi, Nara 630-8212, Japan

Hotel Nikko Nara

8-1 Sanjo-hommachi, Nara-shi, Nara 630-8122, Japan

Chairman: Masahiko Kawaguchi, M.D.

Professor and Chairman,

Department of Anesthesiology, Nara Medical University

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## About ASNACC

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### ■ About ASNACC (ASIAN SOCIETY FOR NEUROANESTHESIA AND CRITICAL CARE)

ASNACC was established by the founding members of Japan, South Korea, India, Indonesia, China and Singapore, and joined in quick succession by the Philippines, Malaysia, Thailand and Myanmar. These respective ASNACC country members have the common purpose of achieving the following:

To establish a forum for exchange and interchange of views and for enhancing fellowship amongst its members.

- To assist in the establishment of the Neuroanesthesia and Critical Care in Asia.
- To promote research and training in Neuroanesthesia and Critical Care.
- To improve Neuroanesthesia and Critical Care services in Asian countries
- To carry out all such activities as would contribute to the promotion of Neuroanesthesia and Critical Care.

The biennial congress of ASNACC has previously been held in Beijing (2009), New Delhi (2011), Bali (2013), Busan (2015) and Singapore (2017). The congress brings together Asian as well as international thought leaders in the field of neuroanesthesia and neurointensive care as well as opinion experts who share their clinical experience and present their research findings

### ■ Board of Directors of ASNACC (Aug 20, 2017 – March 16, 2019)

President: Jae Young Kwon (Republic of Korea)

Vice-President: Masahiko Kawaguchi (Japan)

President Elect: Kwek Tong Kiat (Singapore)

Secretary General: Sung-Sik Park (Singapore)

Treasurer: Haekyu Kim (Republic of Korea)

Ex-President: Tatang Bisri (Indonesia)

### ■ Past Presidents

*Apr 16, 2006 – Dec 1, 2008:*

Takefumi Sakabe (Japan)

*Dec 2, 2008 – Feb 27, 2011:*

Haekyu Kim (Republic of Korea)

*Feb 28, 2011 – Feb 23, 2013:*

Wang Bao Guo (China)

*Feb 24, 2013 – Apr 5, 2015:*

Hari Hara Dash (India)

*Apr 6, 2015 – Aug 19, 2017:*

Tatang Bisri (Indonesia)

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## About ASNACC

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### ■ Board Members of ASNACC

Hiroki Iida (Japan)  
Manabu Kakinohara (Japan)  
Jutae Sohn (Republic of Korea)  
Young Tae Jeon (Republic of Korea)  
Sudadi (Indonesia)  
MM Rudi Prihatno (Indonesia)  
Ruquan Han (China)  
Guolin Wang (China)  
Hari Hara Dash (India)  
Girija Prasad Rath (India)  
Chong Chin Ted (Singapore)  
See Jee Jian (Singapore)  
Geraldine Jose (Philippines)  
Vanitha Sivanaser (Malaysia)  
Peter Tan Chee Seong (Malaysia)  
Phuping Akavipat (Thailand)  
Matthew Chan (Hong Kong)  
Manee Raksakietisak (Thailand)  
Aung Shwe Saw (Myanmar)

### ■ Organizing Committee of the 6th Congress of ASNACC

Masahiko Kawaguchi (Nara, Japan)  
Shigeru Saito (Gunma, Japan)  
Hiroki Iida (Gifu, Japan)  
Hiroyuki Uchino (Tokyo, Japan)  
Mikito Kawamata (Shinshu, Japan)  
Manabu Kakinohara (Ryukyu, Japan)  
Mishiya Matsumoto (Yamaguchi, Japan)  
Kazuya Sobue (Nagoya, Japan)

### ■ Regional Program Committee of the 6th Congress of ASNACC

Masahiko Kawaguchi (Nara, Japan)  
Kenji Yoshitani (Osaka, Japan)  
Satoki Inoue (Nara, Japan)  
Junji Egawa (Nara, Japan)  
Hironobu Hayashi (Nara, Japan)

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## Greetings

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Dear friends and colleagues,

On behalf of the organizing committee, I have the great pleasure and honor to welcome you to the Nara Kasugano International Forum IRAKA, Japan, for the 6th Congress of Asian Society for Neuroanesthesia and Critical Care (ASNACC) in conjunction with the 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care (JSNACC), which are held on March 14–16, 2019. The Congress of ASNACC, a biennial event that focuses on the subspecialty of neuroanaesthesia and neurocritical care aims to provide a platform for participants to share experiences with fellow clinicians for the management of patients with neurological conditions. The theme of this combined meeting is “Multidisciplinary approach for well-being”, which means that the topic of this meeting will cover wide range of fields in health science. Especially, in the super aging society, the prevention of functional disability and establishment of HAPPINESS (well-being) will be a great target for our management.

The broad spectrum of clinical topics including anesthetic management for neurosurgical procedures, neuroprotection, neuromonitoring, intensive care for neurological disease, perioperative stroke, postoperative cognitive dysfunction, early recovery after surgery (prehabilitation program), perioperative pain management are discussed. Distinguished speakers from both local institutions as well as from the international community share their expertise in concurrent sessions. There are also free paper presentation and competition during the meeting.

The Nara Kasugano International Forum IRAKA is located in the center of Nara, where there are a number of beautiful traditional architectures and nature. In addition, you will enjoy a variety of Japanese food including Sushi, Tempura, Noodle and Okonomiyaki, and traditional culture as KIMONO and Japanese dance and music. Hope that all of the members and their family will enjoy a stay in Nara, Japan as a good memorial event.

At the end of my address, I would like to express our sincere appreciation to all the committee members and many other people who have made such great efforts to set-up this conference. Most important of all, however, we are sincerely thankful for your attending as a delegate to the conference. I sincerely hope that discussions at this congress and visits to Nara will be beneficial for all participants. Thank you very much.

Masahiko Kawaguchi, M.D  
Chairman

The 6th Congress of Asian Society for Neuroanesthesia and Critical Care (ASNACC)  
The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care (JSNACC)  
Professor and Chairman  
Department of Anesthesiology, Nara Medical University

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## 会長挨拶

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第 6 回アジア神経麻酔集中治療学会  
第 23 回日本神経麻酔集中治療学会  
会長 川口 昌彦  
奈良県立医科大学 麻酔科学教室 教授

皆様におかれましては益々ご清栄のこととお慶び申し上げます。

この度、2019年3月14日(木曜日)～16日(土曜日)に奈良春日野国際フォーラム 麓～I・RA・KA～にて第6回アジア神経麻酔集中治療学会(The 6th Congress of Asian Society for Neuroanesthesia and Critical Care :ASNACC)、第23回日本神経麻酔集中治療学会(The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care: JSNACC)を主催させていただくこととなりました。奈良県立医科大学麻酔科学教室として誠に光栄に存するとともに、その重責を感じております。

神経麻酔集中治療は、脳外科手術や神経集中治療に加え、脳神経モニター、周術期脳梗塞、術後認知障害、術後せん妄、術後疼痛管理、慢性疼痛、術後機能(生活の質、生活機能、幸福度)や早期機能回復プログラムなど幅広い領域をカバーしています。特に現在の高齢化社会においてはいかに機能的予後を改善していくかということは術後生活機能を温存する上で極めて重要になっております。また、このような機能回復の取り組みは医師のみならず、歯科医、看護師、薬剤師、臨床検査技師、理学療法士、作業療法士、管理栄養士、臨床工学士、歯科衛生士など多職種で取り組む必要があります。今回は、多職種で患者さんの幸福をという“Multidisciplinary approach for well-being”をメインテーマとしました。

アジア神経麻酔集中治療学会は、アジアの国々の神経麻酔の専門家が集まり2年に1回開催しています。これまでに、中国、インド、インドネシア、韓国、シンガポールで開催され、2019年は日本が担当となり、日本神経麻酔集中治療学会と合同開催となりました。是非、アジアの神経麻酔科医ともご交流いただければと思います。日本神経麻酔集中治療学会は全国の医師が参加されますが、近年は多職種連携のためのメディカルスタッフの方にも是非ご参加いただきたいと考えております。明日からのチーム医療の発展の一助になればと考えております。

奈良春日野国際フォーラム 麓～I・RA・KA～は、美しい伝統的な建築や自然が多くある奈良市に位置しております。メインホールである能楽堂も非常に趣のある会場です。周りには奈良公園や多くの歴史的建造物が多く、癒しのリラックスした感覚を味わっていただけたと思います。参加者の皆さん、ご家族の方の良い思い出になれば幸いです。

最後になりますが、本学会の開催にあたり多大なご協力をいただきました皆様に感謝させていただくとともに、今回ご参加いただけました皆様にとって実りのあるものになればと考えております。ご指導ご鞭撻のほど、よろしくお願いいたします。

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## Overview

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- Theme            Multidisciplinary approach for well-being
  
- Date             March 14 (Thu.)-16 (Sat.), 2019
  
- Venue            Nara Kasugano International Forum 麓 IRAKA  
                      101 Kasuganochō, Nara-shi, Nara 630-8212, Japan  
                      TEL:+81-742-27-2630 FAX:+81-742-27-2634  
                      <http://www.i-ra-ka.jp/en/>  
  
                      Hotel Nikko Nara  
                      8-1 Sanjo-hommachi, Nara-shi, Nara 630-8122, Japan  
                      TEL:+81-742-35-8831 FAX:+81-742-35-6868  
                      <https://www.okura-nikko.com/japan/nara/hotel-nikko-nara/>
  
- Chairman        Masahiko Kawaguchi, M.D.  
                      Professor and Chairman, Department of Anesthesiology, Nara Medical University
  
- Awards          • The 6th Congress of Asian Society for Neuroanesthesia and Critical Care  
                          March 15 (Fri.) 18:30-  
                          Nara Kasugano International Forum 麓 IRAKA Annex, 1F, Reception Hall 2  
                          (The results will be announced at Gala Dinner.)  
                      • The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care  
                          March 16 (Sat.) 17:00-  
                          Nara Kasugano International Forum 麓 IRAKA, 1F, Room A (Noh Theatre)  
                          (The results will be announced at Closing Remarks.)
  
- Gala Dinner     March 15 (Fri.) 18:30-  
                      Nara Kasugano International Forum 麓 IRAKA Annex, 1F, Reception Hall 2  
                      Fee: 3,000 JPY
  
- Contact (Secretariat)  
                      Convention Linkage, Inc.  
                      2-6 Uehommachi 8-chome, Tennoji-ku, Osaka 543-0001, Japan  
                      E-mail: [asnacc2019@c-linkage.co.jp](mailto:asnacc2019@c-linkage.co.jp)  
                      Tel: +81-6-6772-6389 Fax: +81-6-6772-7600



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## 開催概要

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- テーマ Multidisciplinary approach for well-being
- 会期 2019年3月14日(木)～16日(土)
- 会場 奈良春日野国際フォーラム 薨～I・RA・KA～  
〒630-8212 奈良県奈良市春日野町101  
ホテル日航奈良  
〒630-8122 奈良県奈良市三条本町8-1
- 会長 川口 昌彦(公立大学法人 奈良県立医科大学 麻酔科学教室 教授)
- 理事会・評議員会
  - 理事会 3月14日(木)16:00～17:00 ホテル日航奈良 5F 「芙蓉」
  - 評議員会 3月14日(木)17:00～18:00 ホテル日航奈良 4F 「羽衣」
- 委員会等
  - 倫理委員会 3月14日(木)15:00～15:30 ホテル日航奈良 5F 「芙蓉」
  - 教育ガイドラインワーキング会議  
3月14日(木)15:00～15:30 ホテル日航奈良 5F 「菖蒲」
  - 認定制度委員会  
3月14日(木)15:30～16:00 ホテル日航奈良 5F 「菖蒲」
- 優秀演題賞発表
  - ・第6回アジア神経麻酔集中治療学会  
3月15日(金)18:30～  
奈良春日野国際フォーラム 薨 別館1F レセプションホール2 (Gala Dinner にて発表)
  - ・第23回日本神経麻酔集中治療学会  
3月16日(土)17:00～  
奈良春日野国際フォーラム 薨 1F A会場(能楽ホール) (閉会式にて発表)
- Gala Dinner 3月15日(金)18:30～  
奈良春日野国際フォーラム 薨 別館1F レセプションホール2  
参加費: 3,000円
- 運営事務局・お問い合わせ先  
株式会社コンベンションリンクージ内  
〒543-0001 大阪市天王寺区上本町8丁目2-6  
E-MAIL:asnacc2019@c-linkage.co.jp TEL:06-6772-6389 FAX:06-6772-7600

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## Maps around Venues

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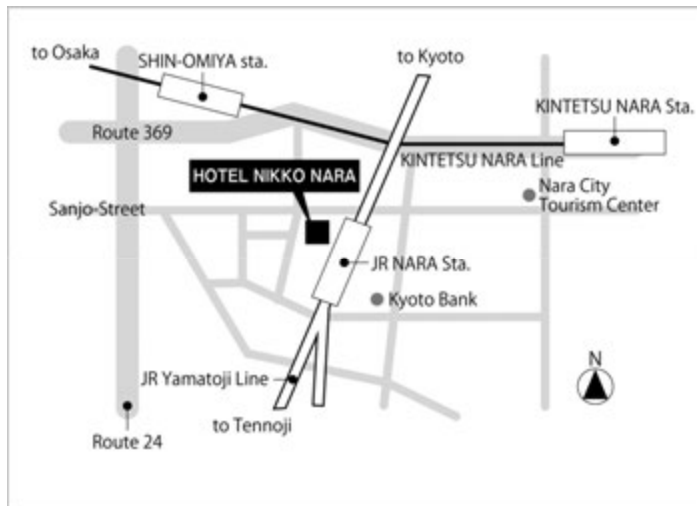
■ March 14 (Thu.)

Evening Symposium Venue: Hotel Nikko Nara

8-1 Sanjo-hommachi, Nara-shi, Nara 630-8122, Japan

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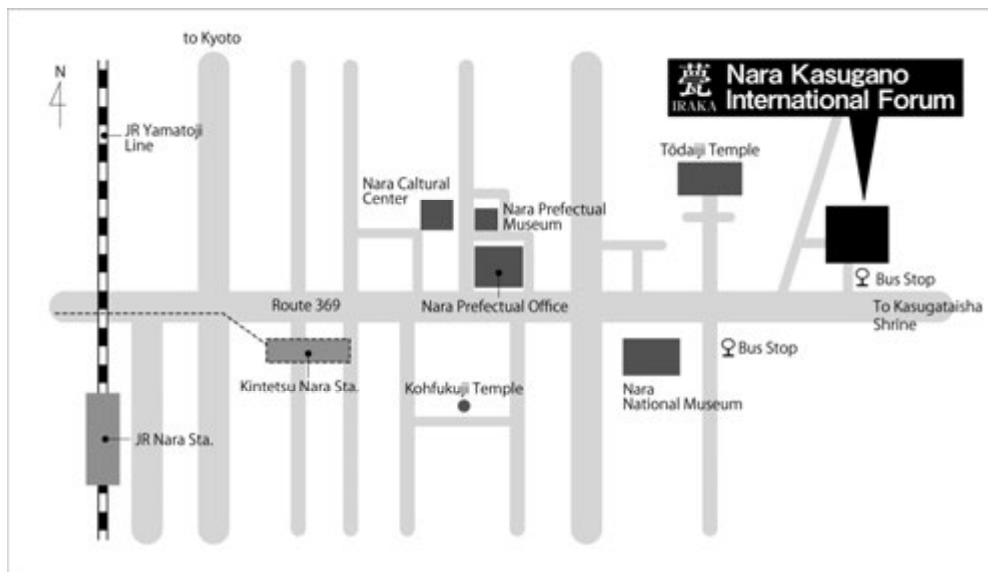
■ March 15 (Fri.) - 16 (Sat.)

Congress and Gala Dinner Venue: Nara Kasugano International Forum 菟 IRAKA

101 Kasuganochō, Nara-shi, Nara 630-8212, Japan

TEL:+81-742-27-2630 FAX:+81-742-27-2634

<http://www.i-ra-ka.jp/en/>



## 会場周辺地図

### ■ 3月14日(木)

Evening Symposium 会場:ホテル日航奈良

〒630-8122 奈良県奈良市三条本町 8-1

TEL:0742-35-8831

FAX:0742-35-6868

<http://www.nikko-nara.jp/>



### ■ 3月15日(金)・16日(土)

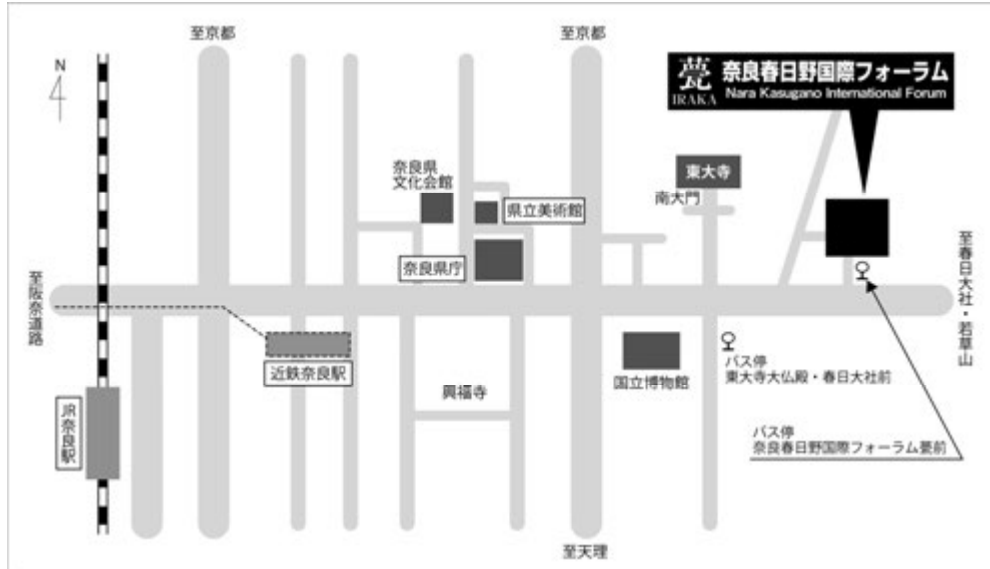
学会・懇親会会場:奈良春日野国際フォーラム 麓～I・RA・KA～

〒630-8212 奈良県奈良市春日野町 101

TEL:0742-27-2630

FAX:0742-27-2634

<http://www.i-ra-ka.jp/>



徒歩: 近鉄奈良駅2番出口より徒歩20分

バス: (1)近鉄奈良駅5番出口より奈良交通バス1番のりば

(2)JR奈良駅より奈良交通バス東口2番のりば

※(1)、(2)とも「春日大社本殿」行き「奈良春日野国際フォーラム麓前」下車すぐ又は、

「市内循環(外回り)」バス「東大寺大仏殿・春日大社前」下車、大仏殿交差点東へ徒歩3分

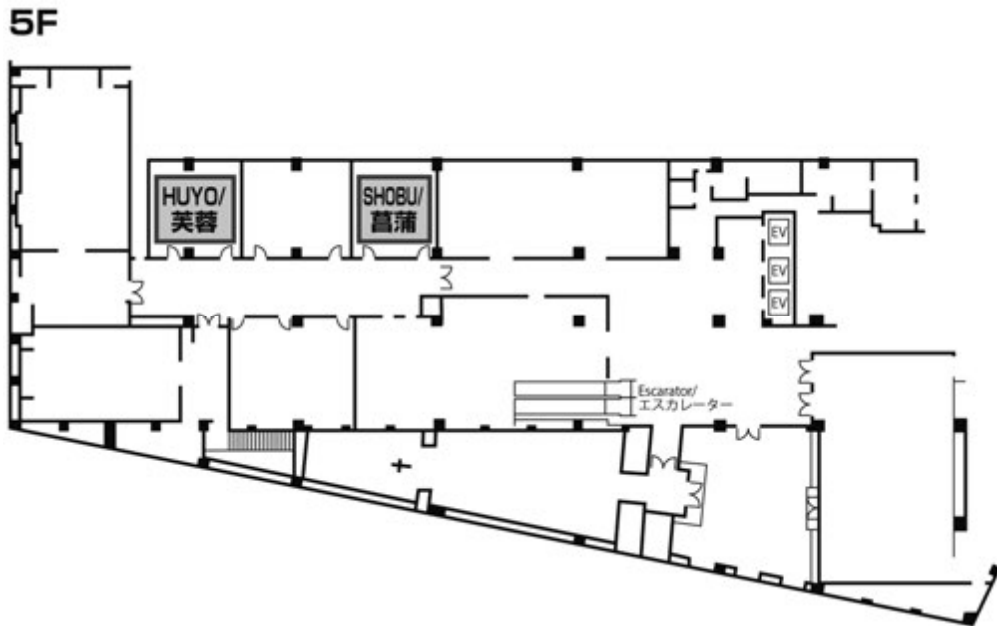
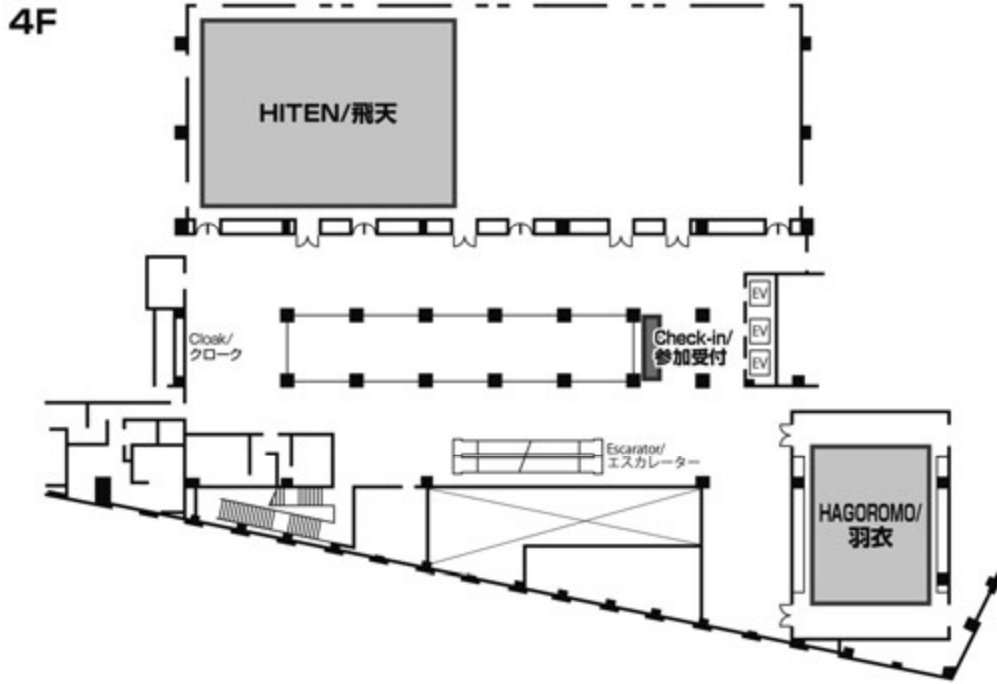
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Floor Plan / 会場案内図

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March 14(Thu.) / 3月14日(木)

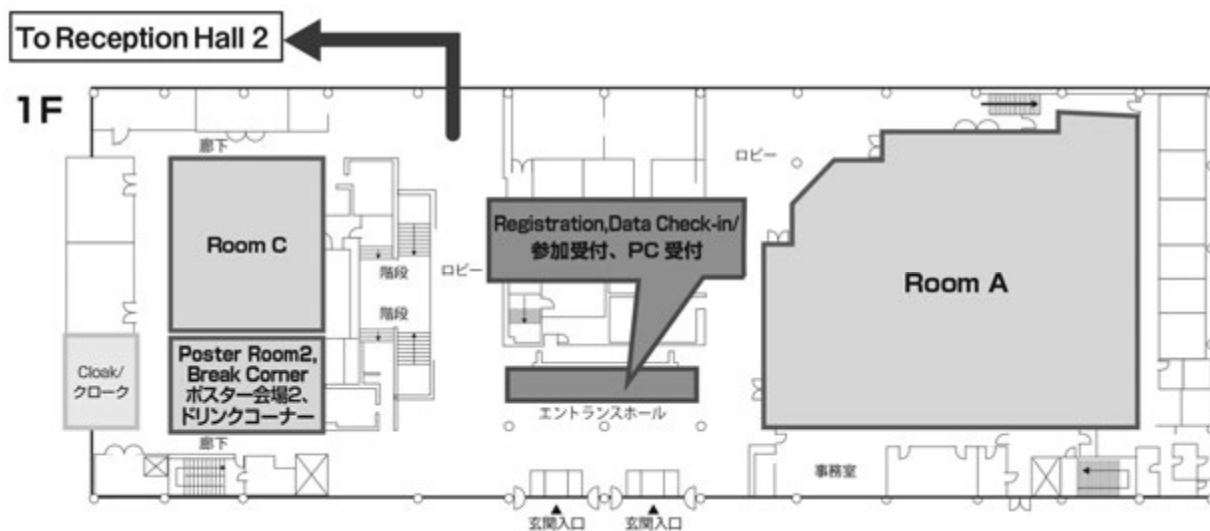
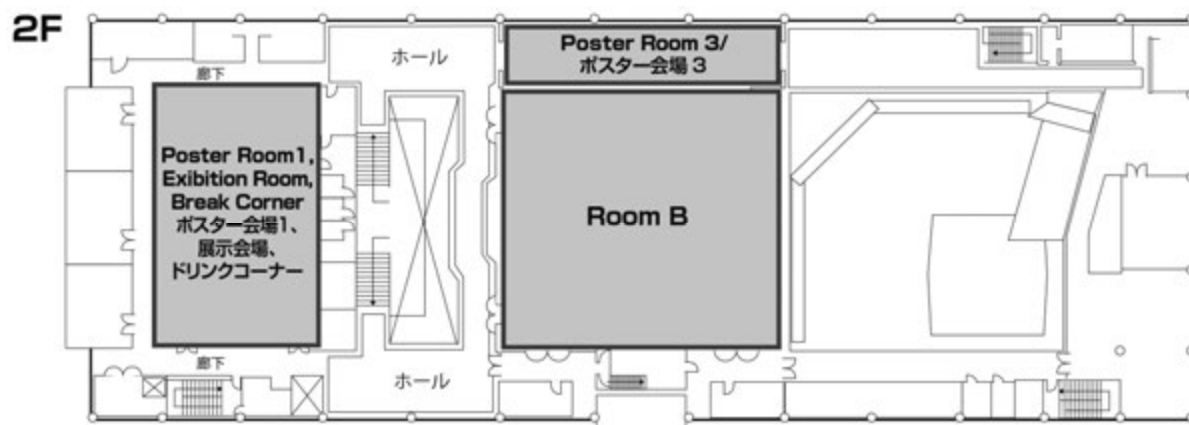
Hotel Nikko Nara



Floor Plan / 会場案内図

March 15(Fri.)-16(Sat.) / 3月15日(金)-16日(土)

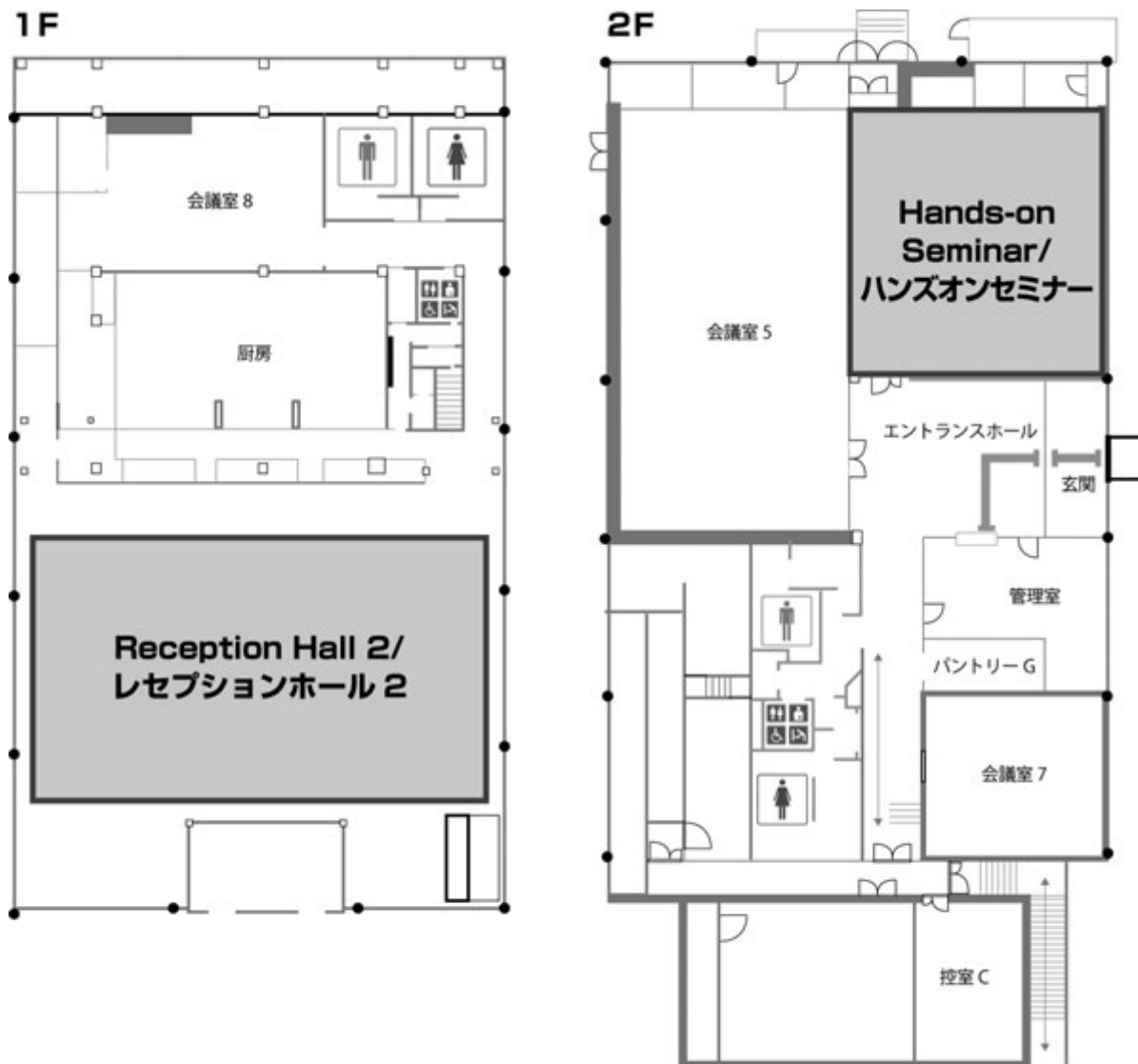
Nara Kasugano International Forum 麓 IRAKA



Floor Plan / 会場案内図

March 15(Fri.)-16(Sat.) / 3月15日(金)-16日(土)

Nara Kasugano International Forum 麓 IRAKA Annex



# Program

EN → Presented in English  
 JP → Presented in Japanese

## March 14th (Thu.)

Hotel Nikko Nara				
	HAGOROMO	HITEN	HUYO	SHOBU
	4F	4F	5F	5F
14:00				
14:30				
15:00			15:00-15:30 JSNACC倫理委員会	15:00-15:30 JSNACC教育ガイドライン ワーキング会議
15:30				15:30-16:00 JSNACC認定制度委員会
16:00			16:00-17:00 JSNACC理事会	
16:30				
17:00	17:00-18:00 JSNACC評議員会			
17:30				
18:00		18:00-19:00 Evening Symposium Philips Japan, Ltd.		
18:30				
19:00				
19:30				
20:00				
20:30				

## March 15th (Fri.)

Nara Kasugano International Forum IRAKA						
	Room A	Room B	Room C	Hands-on seminar	Poster	Exhibition
	1F	2F	1F	Annex	Room1/2F Room2/1F Room3/2F	2F
7:00						
7:30						
8:00						
8:30	<b>EN</b>					
9:00	8:50- Opening Remarks					
9:30	9:00-10:00 Lecture 1: ASNACC and Neuroanesthesia	9:15-10:00 Lecture2: Epilepsy Surgery		9:15-10:45 Hands-on Seminar on Neuromonitoring (Basic) NIHON KOHDEN CORPORATION		9:00-17:00 Exhibition
10:00	10:00-10:45 Invited Lecture 1 Speaker: Piyush M Patel	10:00-10:45 Lecture3: Awake Craniotomy				
10:30			10:45-11:45 Excellent Presentation Session (Basic science)		10:45-11:45 Poster Session 1 (ASNACC)	
11:00						
11:30						
12:00		12:00-13:00 Lunch Seminar 1 Masimo Japan Corporation	12:00-13:00 Lunch Seminar 2 Pfizer Japan Inc.		<ul style="list-style-type: none"> <li>•Room1 Excellent Presentation Session (Case Report) Traumatic Brain Injury</li> <li>•Room2 Spine Surgery 1 Aneurysm Surgery</li> <li>•Room3 Anesthesia for Neurosurgery 1</li> </ul>	
12:30						
13:00						
13:30	13:15-14:30 Symposium 1: Postoperative Cognitive Dysfunction	13:15-14:30 Symposium 4: Managements in Neuroanesthesia and Intensive Care		13:30-15:00 Hands-on Seminar on Neuromonitoring (Advanced) NIHON KOHDEN CORPORATION		
14:00						
14:30	14:30-15:20 Symposium 2: Managements of Cerebral Hemodynamics	14:30-15:20 Symposium 5: Perioperative Managements				
15:00						
15:30	15:20-16:00 Invited Lecture 2 Speaker: Brian P. Head		15:30-16:45 Excellent Presentation Session (Clinical Science)		15:30-16:45 Poster Session 2 (ASNACC)	
16:00						
16:30						
17:00	16:45-18:00 Symposium 3: Perioperative Stroke and Outcome	16:45-18:00 Symposium 6: Update in Neuroanesthesia Research			<ul style="list-style-type: none"> <li>•Room1 Awake Surgery</li> <li>•Room2 Neuromonitoring 1 Anesthesia for Neurosurgery 2</li> <li>•Room3 Pain &amp; Anesthesia Neuroprotection &amp; Neurotoxicity</li> </ul>	
17:30						
18:00						
18:30	18:30-20:30 Gala Dinner ASNACC Award Ceremony The results will be announced.					
19:00						
19:30						
20:00						
20:30						



## March 16th (Sat.)

Nara Kasugano International Forum IRAKA							
	Room A	Room B	Room C	Hands-on seminar	Poster	Exhibition	
	1F	2F	1F	Annex	Room1/2F Room2/1F Room3/2F	2F	
7:00	7:00-8:00 ASNACC EXCO meeting HAGOROMO, HOTEL NIKKO NARA						<b>EN</b>
7:30							
8:00							
8:30							
9:00	9:00-9:45 <b>EN</b> Invited Lecture 3 Speaker: Piyush M. Patel	9:00-9:45 <b>JP</b> 教育講演 1		9:00-10:30 <b>JP</b> Hands-on Seminar on Neuromonitoring Medtronic Japan Co., Ltd		9:00-16:45 Exhibition	
9:30		9:45-10:30 <b>JP</b> 教育講演 2					
10:00	9:45-11:30 <b>EN</b> SNACC Panel		10:30-11:45 <b>JP</b> 優秀演題(基礎)		10:30-11:45 <b>EN</b> Poster Session 3 (ASNACC)		
10:30							
11:00							
11:30							
12:00		12:00-13:00 <b>EN</b> Lunch Seminar 3 Baxter Limited	12:00-13:00 <b>JP</b> Lunch Seminar 4 GE Healthcare Japan		・Room1 Spine Surgery 2 Safety and Quality Improvement ・Room2 Perioperative Complication Intracranial Surgery ・Room3 Anesthesia for Neurosurgery 3		
12:30							
13:00			13:10-13:30 General Assembly (JSNACC) <b>JP</b>	13:30-14:30 <b>JP</b> 優秀演題(臨床)			
13:30	13:15-14:30 <b>EN</b> Symposium 7 : Neuromonitoring			14:00-15:30 <b>JP</b> Hands-on Seminar on Ultrasound Guided Nerve Block Maruishi Pharmaceutical Co., Ltd. FUJIFILM Medical Co., Ltd.			
14:00		14:30-15:30 <b>JP</b> シンポジウム 術中MEPモニター 麻酔管理ガイドライン					
14:30	14:30-15:45 <b>EN</b> Symposium 8 : Managements in Neuroanesthesia		15:30-16:30 <b>JP</b> 日本集中治療学会 共催セミナー: 神経集中治療の ハンズオンセミナー紹介		15:30-16:40 <b>JP</b> ポスター発表 (JSNACC)		
15:00							
15:30	15:45-17:00 <b>EN</b> Symposium 9: Quality and Outcome in Neurosurgery						
16:00							
16:30	17:00- Closing Remarks <b>EN</b> 第23回日本神経麻酔集中治療学会 (JSNACC) 優秀演題賞発表				・Room1 Neuromonitoring 1 ・Room2 Neuromonitoring 2 脳外科手術 ・Room3 周術期管理 基礎研究		
17:00							
17:30							
18:00							
18:30							
19:00							
19:30							
20:00							
20:30							

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## Information for Chairpersons and Presenters

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### ■ Information for Chairpersons and Presenters (Oral Presentations)

#### 1. Presentation Time

Oral Presentation: 10 min. (Presentation Time : 6 min. / Question Time : 4 min.)

Other Presentations: as informed in advance.

#### 2. For Speakers

##### 1) Data Preview:

Please come to “Data Preview Center”, located on the 1st floor at Nara Kasugano International Forum 薨 IRAKA.

(We kindly ask all presenters to check your data at least 30 minutes prior to your presentation.)

Data Preview Center is open from 8:15 a.m. to 5:00 p.m. on March 15 (Fri.)

8:15 a.m. to 4:00 p.m. on March 16 (Sat.)

##### 2) OS-standard fonts are recommended such as;

Times New Roman•Arial•Arial Black•Arial Narrow•Century•Century Gothic•Courier

##### 3) To avoid the possible spread of computer viruses, always scan your presentation files beforehand with updated anti-virus software.

##### 4) Please note that your data will be copied as backup.

##### 5) Please bring your own PC if you use special fonts or Macintosh.

[For Presenters using Removable Media]

The PCs provided will be equipped with the followings:

OS:Windows 10

Application:Windows PowerPoint 2013/2016

Presentation data must be in Windows PowerPoint and can only be accepted on CD-R or USB flash memory (CD-RW or DVD-RW cannot be accepted).

##### 6) If your presentation data includes moving image, please bring the original data.

##### 7) If your presentation data is linked to other moving images, those linked files should also be saved in the same folder. WMV or mp4 are recommended.

[For Presenters using Your Own PC]

Please bring a power cable.

If you bring Macintosh, Ultrabook or Netbook, please bring a VGA adapter, too.

Please bring backup data in case of unexpected accidents on CD-R or USB flash memory.

D-sub15-pin connector or HDMI is needed to connect to the projector.

If your PC doesn't provide D-sub15-pin or HDMI, please bring your own adapter for your PC as well as power cables.

\*Any other connectors such as Mini DisplayPort cannot be accepted.

Please disable screensaver, power-saving feature, password or hot corner on your PC.

Please note that you cannot use PowerPoint's Presenter View function.

#### 3. For Chairpersons

##### 1) Please start and end your session at the appointed time. Punctuality is appreciated.

##### 2) Please be seated at 'Next Chairperson's Seat' in the front row in the session room at least 10 minutes prior to your session.

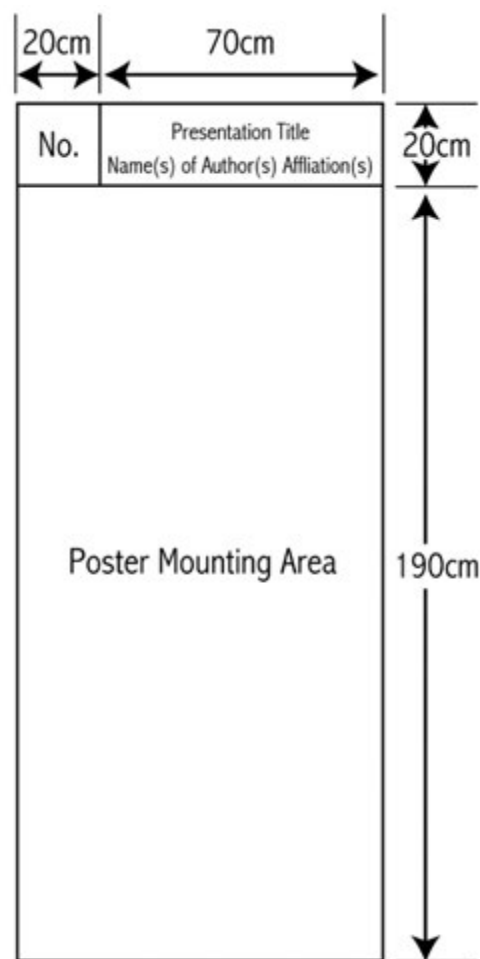
## ■ Information for Chairpersons and Presenters (Poster Presentations)

### 1. For Presenters

The secretariat will prepare a panel with your poster number. Pins will be provided along with the board.

- A panel is H210cm × W90cm.
- Please prepare a slip with title, name(s) of author(s), and affiliation(s) with the size of H20cm × W70cm.

	Mounting	Discussion	Removal
March 15 (Fri.)	8:30-10:00	10:45-11:45 Poster Session 1 15:30-16:45 Poster Session 2	16:45-17:30
March 16 (Sat.)	8:30-10:00	10:30-11:45 Poster Session 3 15:30-16:40 Poster Session (JSNACC)	16:40-17:30



\*Any posters left behind after the removal time shall be removed and discarded by the Secretariat.

### 2. Poster Discussion

Presentation Time 6 min. / Question Time 4 min.

You are requested to be ready in front of your poster at least 5 min. prior to your presentation.

### 3. For Chairpersons

- 1) Please come to the 'Chairperson's Check-in desk' in front of the Poster Session room 15 minutes prior to your session and be ready in the Poster Session room at least 5 minutes prior to your session.

<Check-in desk open hour>

Session 1: 10:00-10:30      Session2: 14:45-15:15

Session 3: 9:45-10:15      Poster Session (JSNACC): 14:45-15:15

- 2) Please start and end your session at the appointed time. Punctuality is appreciated.

## ■ Information for Participants

### 1. Registration Desk

Foyer 4F Hotel Nikko Nara  
March 14 (Thu.) 17:00–18:30

Entrance hall of Nara Kasugano International Forum 薨 IRAKA  
March 15 (Fri.) 8:15–18:00  
March 16 (Sat.) 8:15–16:00

### Registration Fee:

Doctor	25,000 JPY
Doctor (1st presenter)	20,000 JPY
Doctor (Low income & Lower middle income countries)	15,000 JPY
Doctor (1st presenter) (Low income & Lower middle income countries)	10,000 JPY
Medical Staff	5,000 JPY
Gala Dinner	3,000 JPY

### Hands-on seminar:

<b>【9:15–10:45 March 15, 2019】</b> Hands-on seminar on Neuromonitoring (Basic) /English	5,000 JPY
<b>【13:30–15:00 March 15, 2019】</b> Hands-on seminar on Neuromonitoring (Advanced)/English	5,000 JPY
<b>【9:00–10:30 March 16, 2019】</b> Hands-on seminar on Neuromonitoring /Japanese	5,000 JPY
<b>【14:00–15:30 March 16, 2019】</b> Hands-on seminar on Ultrasound Guided Nerve Block/Japanese	5,000 JPY

\*Participation in the Hands-on Seminar requires the registration for the main congress.

\*You can pay by cash or credit card.

\*All participants are requested to wear the congress badges at all times in the congress venue.

### 2. Abstract Book

A program and abstract book is included in the registration fee.

You can purchase an extra book for 3,000 JPY.

### 3. Lunch Seminar / Evening Symposium

Tickets will not be delivered beforehand. Please directly come to the venue.

### 4. Gala Dinner

◇March 15 (Fri.) 18:30–

Reception Hall 2, Nara Kasugano International Forum 薨 IRAKA Annex 1F

Fee: 3,000 JPY

Please join us and enjoy!

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## 座長・演者の先生へのご案内

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### ■座長・演者の皆様へ(口演)

1. 日本神経麻酔集中治療学会(日本語)での発表者は、日本神経麻酔集中治療学会会員に限ります。一般演題の発表者で未入会の方は、入会をお済ませください。入会に関するお問い合わせは、日本神経麻酔集中治療学会事務局までご連絡ください。

日本神経麻酔集中治療学会事務局  
〒634-8522 奈良県橿原市四条町 840 番地  
奈良県立医科大学麻酔科学教室内  
TEL:0744-29-8902 FAX:0744-23-9741  
E-mail: jsnacc@naramed-u.ac.jp  
<http://www.jsnacc.jp/index.html>

2. 発表言語・時間

発表言語は、日程表をご覧ください。  
一般演題の発表時間は、お一人あたり10分(発表6分、質疑応答4分)です。  
その他のセッションについては、事前にご連絡いたします。

3. PC 発表の方へ

発表者をご自身の発表時間の30分前までに、下記のPC受付にて試写をお済ませください。早朝の時間帯では、早いセッションから優先的に受付ける場合がございます。ご理解ご協力のほどよろしくお願いいたします。

【PC受付場所】 奈良春日野国際フォーラム 1F エントランスホール

【データ受付時間】 3月15日(金) 8:15～ 17:00  
3月16日(土) 8:15～ 16:00

- 1) 画面レイアウトのバランス崩れを防ぐため、使用フォントは下記の通りといたします。  
Times New Roman・Arial・Arial Black・Arial Narrow・Century・Century Gothic・Courier New・Georgia・MS ゴシック・MSP ゴシック・MS 明朝などの Windows 用デフォルトの日本語フォント
- 2) メディアを介したウイルス感染の事例がありますので、最新のウイルス駆除ソフトでチェックしてください。
- 3) データ作成後、他のパソコンで正常に動作するかチェックしてください。
- 4) 発表時はバックアップデータとしてデータをハードディスクへコピーさせていただきます。
- 5) 次の場合はご自身のパソコンをお持ち込みください。発表終了後、会場内のPCオペレーター席にてパソコンを返却いたします(パソコンをお持ち込みの場合も、PC受付をお願いいたします)。
  - ・特殊なフォントを使つての発表
  - ・PowerPoint 以外を使つての発表

- Windows 以外の OS (Mac OS など) を使った発表
- データ流出が不安な場合

•Windows で発表の方へ

発表用パソコン環境: Windows 10

PowerPoint のバージョン: Microsoft PowerPoint 2013 以上

受付可能なメディア: CD-R・USB メモリ

- 1) 動画を使用される方は、データコピーの際に PowerPoint へのリンクが外れる可能性がありますので、必ずオリジナルの動画データもご持参ください。
- 2) 動画などの参照ファイルがある場合は、全てのデータを同じフォルダに保存してください。また、PowerPoint に貼り付けている動画・音声は、Windows Media Player で再生できるように作成してください。ファイルは mp4、もしくは WMV を推奨します。
- 3) 当日、データまたはご持参いただいたノートパソコンを PC 受付までご持参ください。

•Macintosh で発表の方へ

- 1) Macintosh をご使用の方は、ご自身のパソコンをお持ち込みください。  
その場合、プロジェクター接続用の VGA アダプタを必ずお持ちください。

•パソコン持ち込み時のお願い

- 1) 外部映像出力端子 (ミニ D-sub15 ピン (3 列) または HDMI) 付きのパソコンをご用意ください。
- 2) VGA アダプタが必要な機種は忘れずにお持ちください。  
(例: MacBook・ウルトラブック・ネットブックなど)  
※D-sub15 ピン、HDMI 以外 (Mini DisplayPort など) の接続はお受けできません。
- 3) スクリーンセーバー、ウイルスチェック、並びに省電力設定、ホットコーナー (Macintosh の場合) はあらかじめ解除しておいてください。解除されておりませんと発表中にスクリーンセーバー等が作動してしまうことがあります。
- 4) 動画使用時にミラーリングができない場合は、プロジェクターのみの出力になります。
- 5) バッテリー切れを防ぐため、AC 電源アダプタを必ずご用意ください。
- 6) パソコンが不調な場合に備えて、データのバックアップを CD-R・DVD-R・USB メモリでご用意ください。
- 7) セッションの進行に影響が出るため、発表者ツールは使用できません。  
発表原稿が必要な方は、あらかじめプリントアウトをお持ちください。

4. 発表者の当日の手順

- 1) 参加受付後、発表 30 分前までに PC 受付へお越しください。
- 2) データ持ち込みの方は、プレビュー用パソコンで持ち込みデータの試写を行ってください。
- 3) パソコン持ち込みの方は、ミラーリング設定などの確認を行います。
- 4) CD-R・DVD-R・USB メモリは、発表時にはバックアップとして携帯してください。

5. 利益相反 (COI) の開示について

日本神経麻酔集中治療学会学術集会での演題発表に際して、発表者 (演者) と共同研究者・共同発

表者の利益相反を開示して頂きます。

報告対象となるのは (1)発表者、及び (2)共同研究者・共同発表者です。

申告すべき対象は、発表内容に関連する企業や営利を目的とする団体との関係についてです。

大会での当日発表の際に、発表者はスライドの 2 枚目に掲示して下さい。

抄録提出日を基準として過去 3 年間について開示をして下さい。

## 6. 座長の先生方へ

- 1) 発表時間・質疑応答時間を厳守し、円滑な運営にご協力をお願いいたします。
- 2) セッション開始 10 分前までに、次座長席にお越しください。

### ■座長・演者の皆様へ(ポスター)

#### 1. ポスターの提示・撤去について

右図参照の上、指定の場所にポスターを貼付して下さい。

画鋲は会場内に用意してあります。

- ・パネルの大きさは、縦 210cm×横 90cm です。
- ・上部に演題名、演者名、所属を縦 20cm×横 70cm サイズで表記してください(演題番号は運営事務局で用意します)。

	貼付	発表	撤去
3/15 (金)	8:30-10:00	10:45-11:45 Poster Session 1 15:30-16:45 Poster Session 2	16:45-17:30
3/16 (土)	8:30-10:00	10:30-11:45 Poster Session 3 15:30-16:40 ポスター発表 (JSNACC)	16:40-17:30



※演題番号は予め貼付してあります。

#### 2. ポスター討論について

発表の持ち時間は各 10 分(発表 6 分、質疑応答 4 分)です。各セッションの座長の指示に従って実施して下さい。

発表時間の 5 分前にはご自身のポスター前で待機してください。

#### 3. 利益相反(COI)開示について

日本神経麻酔集中治療学会学術集会での演題発表に際して、発表者(演者)と共同研究者・共同発表者の利益相反を開示して頂きます。

報告対象となるのは (1)発表者、及び (2)共同研究者・共同発表者です。

申告すべき対象は、発表内容に関連する企業や営利を目的とする団体との関係についてです。

すべての演題のご発表時に必ず利益相反(COI)に関する記載を、ポスターボード右下方に入れてください。

抄録提出日を基準として過去3年間について開示をして下さい。

#### 4. ポスターセッション座長の方へ

活発な討論が行われますよう、積極的な進行をお願いいたします。

プログラムの指定時間を厳守して下さい。

討論開始の15分前までに、座長受付(ポスター会場前)までお越し下さい。

発表時間の5分前にはご自身のポスター前で待機してください。

<座長受付開設時間>

Session 1: 10:00-10:30      Session2: 14:45-15:15

Session 3: 9:45-10:15      ポスター発表(JSNACC): 14:45-15:15

### ■参加者の皆様へ

#### 1. 参加登録

受付場所: ホテル日航奈良 4F ホワイエ

受付日時: 3月14日(木) 17:00-18:30

受付場所: 奈良春日野国際フォーラム 1F エントランスホール

受付日時: 3月15日(金) 8:15~18:00

3月16日(土) 8:15~16:00

参加費:

医師	25,000 円
医師 (筆頭演者)	20,000 円
医師 (低中所得国)	15,000 円
医師 (筆頭演者、低中所得国)	10,000 円
メディカルスタッフ	5,000 円
Gala Dinner (懇親会)	3,000 円

ハンズオンセミナー:

【3月15日(金)9:15-10:45】 Hands-on seminar on Neuromonitoring (Basic) /英語	5,000 円
【3月15日(金)13:30-15:00】 Hands-on seminar on Neuromonitoring (Advanced) /英語	5,000 円
【3月16日(土)9:00-10:30】 Hands-on seminar on Neuromonitoring/日本語	5,000 円
【3月16日(土)14:00-15:30】 Hands-on seminar on Ultrasound Guided Nerve Block/日本語	5,000 円

※お支払いには、現金またはクレジットカードがご利用いただけます。

※会期中は必ずネームカードをご着用ください。



## 2. 講演抄録集

参加受付時に、1冊をお渡しいたします。

追加で購入希望の方には、受付にて1冊3,000円で販売いたします。

但し、販売数に限りがありますのでご了承ください。

## 3. ランチョンセミナー・イブニングシンポジウムについて

参加整理券の配布はございません。プログラム開始時間に直接会場にお越しください。

## 4. Gala Dinner（懇親会）

日時:3月15日(金)18:30～

会場:奈良春日野国際フォーラム 別館 1F レセプションホール 2

参加費は3,000円です。皆様のご参加をお待ちしております。

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The 6th Congress of Asian Society for Neuroanesthesia and Critical Care  
The 23rd Annual Meeting of Japanese Society for Neuroscience in Anesthesiology and Critical Care

Program

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**March 14, 2019**

<HITEN, HOTEL NIKKO NARA>

■18:00~19:00 Evening Symposium [EN]

Co-sponsor: Philips Japan, Ltd.

Chair: Hiroki Iida (Gifu University Graduate School of Medicine, Department of Anesthesiology and Pain Medicine, Japan)

◇ES

Analyzing real world data in clinical research !

Ayumi Shintani (Osaka City University Graduate School of Medicine, Department of Medical Statistics, Japan)

**March 15, 2019**

<Room A>

■8:50~9:00 Opening Remarks [EN]

■9:00~10:00 Lecture 1: ASNACC and Neuroanesthesia [EN]

Chair: Haekyu KIM (Department of Anesthesia and Pain Medicine, Pusan National University Hospital, Republic of Korea)

◇L1-1

History of foundation of Asian Society for Neuroanesthesia and Critical Care (ASNACC)

Takefumi Sakabe (Yamaguchi Rosai Hospital, Japan)

◇L1-2

Research in Neuroanaesthesia is it Useful?

Hari Hara Dash (Department of Anaesthesiology and Pain Medicine, Fortis Medical Research Institute, Gurugram, Haryana, India)

■10:00~10:45 Invited Lecture 1 [EN]

Chair: Hiroyuki Uchino (Department of Anesthesiology, Tokyo Medical University, Japan)

◇IL1

**Molecular Mechanisms of Anesthetic Neurotoxicity: Role of RhoGTPases**

Piyush M. Patel (University of California San Diego, USA)

■13:15~14:30 Symposium 1: Postoperative Cognitive Dysfunction [EN]

Chair: Tong Kiat Kwek (Tan Tock Seng Hospital, Singapore)

Young Tae Jeon (Seoul National University Bundang Hospital, Republic of Korea)

◇SY1-1

**Post operative Cognitive Disorders**

Jee Jian See (Department of Anaesthesiology, Intensive Care & Pain Medicine  
Tan Tock Seng Hospital, Singapore)

◇SY1-2

**Postoperative cognitive dysfunction (POCD): How can we modify?**

Yodying Punjasawadwong (Faculty of Medicine, Chiang Mai University, Thailand)

◇SY1-3

**Preventive effect of prehabilitation for postoperative neurocognitive disorders**

Takashi Kawano (Department of Anesthesiology and Intensive Care Medicine, Kochi Medical  
School, Nankoku, Japan)

■14:30~15:20 Symposium 2: Managements of Cerebral Hemodynamics [EN]

Chair: Kazuyoshi Ishida (Department of Anesthesiology, Japan Community Healthcare Organization  
Tokuyama Central Hospital, Japan)

◇SY2-1

**Choice of anesthesia for endovascular treatment of acute ischemic stroke**

Ruquan Han (Capital Medical University, Beijing Tiantan Hosp., China)

◇SY2-2

**Transcranial Doppler Ultrasonography in Anesthesia & Intensive Care**

Deepak Sharma (Department of Anesthesiology & Pain Medicine, University of Washington,  
Seattle, WA, USA)

■15:20~16:00 Invited Lecture 2 [EN]

Chair: Junji Egawa (Department of Anesthesiology, Nara Medical University, Japan)

◇IL2

**Neuron-targeted Caveolin-1 as a gene therapy for CNS Disorders**

Brian P. Head (UC San Diego, Department of Anesthesiology  
VA San Diego Healthcare System, USA)

■16:45~18:00 Symposium 3: Perioperative Stroke and Outcome [EN]

Chair: Jaeyoung Kwon (Dept. of Anesthesia and Pain Medicine Pusan National University Hospital  
Busun, Republic of Korea)

◇SY3-1

**Acute Ischemic Stroke and Intensive Care Unit Management**

Min Min Htun (Department of Anaesthesiology, Mandalay General Hospital, Mandalay, Myanmar)

◇SY3-2

**Postoperative stroke – special considerations for neurosurgery**

Chong Chin Ted (Department of Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock  
Seng Hospital, National Healthcare Group, Singapore)

◇SY3-3

**Importance of prehabilitation as perioperative management for neurosurgery**

Mitsuru Ida (Department of Anesthesiology, Nara Medical University, Kashihara, Nara, Japan)

<Room B>

■9:15~10:00 Lecture 2: Epilepsy Surgery [EN]

Chair: Seiji Takaoka (Department of anesthesia Yamagata Prefectural Central Hospital, Japan)

◇L2-1

**ANESTHESIA ROLE IN THE DEVELOPMENT OF EPILEPSY SURGERY IN INDONESIA**

M. Sofyan Harahap (Kariadi General Hospital/Faculty of Medicine, Diponegoro University,  
Semarang, Indonesia)

◇L2-2

**Can we help something during epilepsy surgery with intraoperative electrocorticogram?**

Phuping Akavipat (Prasat Neurological Institute Department of medical service, Ministry of Public  
Health Bangkok, Thailand)

■10:00~10:45 Lecture 3: Awake Craniotomy [EN]

Chair: Aung Shwe Saw (Myanmar Society of Anaesthesiologists, Myanmar)

◇L3-1

**Awake craniotomy experiences in Myanmar Military Hospital**

Myat Min San (Anaesthesiologist, Defense Services General Hospital, Myanmar)

◇L3-2

**Is Awake craniotomy improves preoperative complications/ outcomes compared to General Anesthesia in  
Neurosurgery of Eloquent Ares?**

Manikandan Sethuraman (Division of Neuroanaesthesia Sree Chitra Tirunal institute for Medical  
Sciences and Technology, Trivandrum, India)

■12:00~13:00 Lunch Seminar 1 [EN]

Co-sponsor: Masimo Japan Corporation

Chair: Makoto Ozaki (Department of Anesthesiology, Tokyo Women's Medical University, Japan)

◇LS-1

**Electroencephalogram monitoring during anesthesia**

Yasuko Nagasaka (Department of Anesthesia St Luke's International Hospital, Japan)

■13:15~14:30 Symposium 4: Managements in Neuroanesthesia and Intensive Care [EN]

Chair: Sung Sik Park (Department of Anesthesiology and Pain Medicine, Kyungpook National University Hospital, Republic of Korea)

◇SY4-1

**Anesthesia for Spine Surgery**

Manee Raksakietisak (Department of Anesthesiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand)

◇SY4-2

**Anesthesia for Intraoperative MRI**

Seung Ho Choi (Department of Anesthesiology and Pain Medicine Yonsei University College of Medicine, Seoul, Republic of Korea)

◇SY4-3

**DIFFICULT AIRWAY IN PEDIATRIC NEUROSURGERY**

Mihir Prakash Pandia (Department of Neuroanaesthesia, All India Institute of Medical Sciences, Ansarinagar, New Delhi, India)

■14:30~15:20 Symposium 5: Perioperative Managements [EN]

Chair: Peter Chee Seong Tan (Department of Anaesthesiology & Intensive Care, Sarawak General Hospital, Kuching, Sarawak, Malaysia)

◇SY5-1

**Perioperative Pain Management in Neurosurgical Patients**

Vanitha Sivanaser (Department of Anaesthesia & Critical Care, Hospital Kuala Lumpur, Malaysia)

◇SY5-2

**Case Report on Severe Traumatic Brain Injury**

Soe Wunna Htay (Defense Services General Hospital, Mynmar)

◇SY5-3

**Should Every Neurosurgery Case be done by Neuro-anaesthesiologist?**

Rajiv Chawla (Rajiv Gandhi Cancer Institute & Research Centre, India)

■16:45~18:00 Symposium 6: Update in Neuroanesthesia Research [EN]

Chair: Yuji Morimoto (Dept. of Anesthesiology and Critical Care Medicine, Faculty of Medicine and Graduate School of Medicine Hokkaido University, Japan)

Masataka Yokoyama (Department of Anesthesiology & Intensive Care Medicine, Kochi Medical School, Japan)

◇SY6-1

**Anesthesia-induced neurotoxicity during neurodevelopment: Considerations for future preclinical studies.**

Woosuk Chung (Department of Anesthesia and Pain Medicine, Chungnam National University Hospital, Daejeon, Republic of Korea)

◇SY6-2

**Neuroprotection: Updates**

Geraldine Raphaela Bernardo Jose (Department of Anesthesiology University of The Philippines – Philippines General Hospital, Republic of the Philippines)

◇SY6-3

**Molecular Hydrogen: a New Neuroprotective Agent**

Guolin Wang (Department of Anesthesiology, Tianjin Medical University General Hospital, China)

<Room C>

■10:45~11:45 Excellent Presentation Session (Basic Science) [EN]

Chair: Mishiya Matsumoto (Yamaguchi University Graduate School of Medicine, Japan)

Judges: Yuji Morimoto (Dept. of Anesthesiology and Critical Care Medicine, Faculty of Medicine and Graduate School of Medicine Hokkaido University, Japan)

Sung-Sik Park (Department of Anesthesiology and Pain Medicine, Kyungpook National University Hospital, Republic of Korea)

Ju-Tae Sohn (Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Gyeongsang National University Hospital, Republic of Korea)

◇ASNACC-0001

**Minocycline might prevent postoperative cognitive dysfunction.**

Tatsuo Horiuchi (Department of Anesthesiology, Gunma University Graduate School of Medicine, Japan)

◇ASNACC-0002

**Subanesthetic dose of ketamine improved CFA-induced inflammatory pain and depression-like behaviors via caveolin-1 in mice**

Juan Wang (Department of Anesthesiology, Beijing Tiantan Hospital, Capital Medical University, Beijing, PR China)

◇ASNACC-0003

**Neuroprotective effect of Avenanthramide-C on middle cerebral artery occlusion model in mice**  
Seongtae Jeong (Chonnam National University Medical School and Hospital, Republic of Korea)

◇ASNACC-0004

**Protective effect of magnesium on cognitive function in hypoxic zebrafish model**  
Young Sung Kim (Department of Anesthesiology and pain medicine, Korea University Guro Hospital, Republic of Korea)

◇ASNACC-0005

**Pretreatment with dexmedetomidine improved the long-term neurological function induced sevoflurane exposure in neonatal rats.**  
Toru Goyagi (Department of Anesthesia and Intensive Care Medicine, Akita University Graduate School of Medicine, Akita, Japan)

◇ASNACC-0006

**NGF and BDNF expression in mouse DRG after spared nerve injury**  
Yuki Terada (Department of Anesthesiology, Nara Medical University, Japan / Department of Anatomy & Neuroscience, Faculty of Medicine, Nara Medical University, Japan)

■12:00~13:00 Lunch Seminar 2 [JP]

Co-sponsor: Pfizer Japan Inc.

Chair: Kiyonobu Nishikawa (Department of Anesthesiology Osaka City University Graduate School of Medicine, Japan)

◇LS-2

**Do it! PADIS Guidelines**  
Hiroshi Morimatsu (Department of Anesthesiology and Resuscitology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan)

■15:30~16:45 Excellent Presentation Session (Clinical Science) [EN]

Chair: Manabu Kakinohana (Department of Anesthesiology, Graduate of Medicine, University of the Ryukyus, Japan)

Judges: Hiroki Iida (Gifu University Graduate School of Medicine, Department of Anesthesiology and Pain Medicine, Japan)

See Jee Jian (Department of Anaesthesiology, Intensive Care & Pain Medicine Tan Tock Seng Hospital, Singapore)

Masahiko Kawaguchi (Department of Anesthesiology, Nara Medical University, Japan)

◇ASNACC-0007

**O-C1-C2 Dynamics During Flexible Fiberoptic Bronchoscopy and Video Laryngoscopy in Patients With Atlanto-axial Dislocation: A Cinefluoroscopic Comparison**  
Sanket Agrawal (Department of Anaesthesia and Intensive Care PGIMER Chandigarh, India)

◇ASNACC-0008

**Refined anesthesia management on recovery during early period in patients undergoing cerebral revascularization for ischemic moyamoya disease**

Zhai Ming yu (Department of Anesthesiology, The First Affiliated Hospital of USTC Division of Life Sciences and Medicine, University of Sciences and Technology of China, China)

◇ASNACC-0009

**The Effect of sCOX-2 Inhibitor as Anti-inflammatory to Cytokine IL-1  $\beta$  Glasgow Coma Scale (GCS) Score and Glasgow Outcome Scale (GOS) Score in Moderate Traumatic Brain Injury (TBI) Patient**

Dewi Yulianti Bisri (Indonesian Society of Neuroanesthesia and Critical Care (INA-SNACC), Indonesia)

◇ASNACC-0010

**Comparison of Opioid-based and Opioid-free Anaesthesia in Trans-sphenoidal Surgery for Haemodynamic Stability and Recovery Characteristics**

Neerja Bharti (Department of Anesthesia and Intensive Care, Post Graduate Institute of Medical Education and Research, Chandigarh, India)

◇ASNACC-0011

**Effect of Low-dose Ketamine on Postoperative Depressive Symptoms in Patients Undergoing Intracranial Tumor Resection (PASSION): a randomized controlled trial**

Yang Zhou (Department of Anesthesiology, Beijing Tiantan Hospital, Capital Medical University, Beijing, PR China)

◇ASNACC-0012

**Effect of Goal-directed Fluid Therapy on Postoperative Outcomes in Meningioma Resection with Intraoperative Mannitol Application**

Shuai Feng (Department of Anesthesiology, Beijing Xuanwu Hospital, Capital Medical University, Beijing, China)

<Hands-on Seminar>

■9:15~10:45 Hands-on Seminar on Neuromonitoring (Basic) [EN]

Co-sponsor: NIHON KOHDEN CORPORATION

Moderator:

Antoun Koht (Northwestern University, Feinberg School of Medicine, USA)

Leslie Jameson (University of Colorado, Aurora Colorado, USA)

Christoph Seubert (University of FLORIDA Dept. of ANESTHESIOLOGY, USA)

Laura Hemmer (Associate Professor of Anesthesiology and Neurological Surgery, Associate Director of Neurosurgical Anesthesia, Northwestern University Feinberg School of Medicine, Northwestern Memorial Hospital, Chicago, Illinois, USA)



■13:30~15:00 Hands-on Seminar on Neuromonitoring (Advanced) [EN]

Co-sponsor: NIHON KOHDEN CORPORATION

Moderator:

Antoun Koht (Northwestern University, Feinberg School of Medicine, USA)

Leslie Jameson (University of Colorado, Aurora Colorado, USA)

Christoph Seubert (University of FLORIDA Dept. of ANESTHESIOLOGY, USA)

Laura Hemmer (Associate Professor of Anesthesiology and Neurological Surgery, Associate Director of Neurosurgical Anesthesia, Northwestern University Feinberg School of Medicine, Northwestern Memorial Hospital, Chicago, Illinois, USA)

<Poster room 1>

■10:45~11:45 Excellent Presentation Session (Case Report) [EN]

Chair: Katsuhiko Seo (Emergency Department (Dept. of Anesthesiology and Intensive Care Medicine), Kokura Memorial Hospital, Japan)

Judges: Masahiko Kawaguchi (Department of Anesthesiology, Nara Medical University, Japan)

Manee Raksakietisak (Mahidol University, Thailand)

Girija Rath (Department of Neuroanaesthesiology and Critical Care All India institute of Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P001

**The experience of foreign language syndrome**

Gunn Hee Kim (Anesthesia and Pain medicine, National Medical Center, Seoul, Republic of Korea)

◇ASNACC-P002

**Anabolic Steroids and Respiratory Weaning in the Neurosurgical Intensive Care Unit (ICU)  
: A Case Report**

Liow Ee Leen (Anaesthesia Residency Program, National Healthcare Group, Singapore)

◇ASNACC-P003

**CHALLENGES IN ANESTHETIZING A PATIENT WITH CYANOTIC UNIVENTRICULAR HEART DISEASE AND BLOCK CERVICAL VERTEBRA UNDERGOING CRANIOTOMY FOR EXCISION OF FRONTAL BRAIN ABSCESS**

Lim Yee Woon (Department of Anaesthesia and Intensive Care, Hospital Kuala Lumpur, Malaysia)

◇ASNACC-P004

**Anesthetic management of spine surgery in a patient with congenital insensitivity to pain with anhidrosis**

Jun Suzuki (Department of Anesthesiology and Perioperative Medicine, Tohoku University School of Medicine, Japan)

◇ASNACC-P005

**Spinal anesthesia of highly obese patients using ultrasound and needle-through-quincke needle technique – case report**

Seong-Ho, Ok (Department of Anesthesiology and Pain medicine, Gyeongsang National University School of Medicine and Gyeongsang National University Changwon Hospital, Republic of Korea)

◇ASNACC-P006

**A case series report of awake cranioplasty**

Syafruddin Gaus (Departement of Anesthesiology, Intensive Care and Pain Management, Faculty of Medicine, Hasanuddin University, Makassar, Indonesia)

■10:45~11:45 **Traumatic Brain Injury [EN]**

Chairs: Chin Ted Chong (Tan Tock Seng Hospital National Healthcare Group (NHG) Lee Kong Chian School of Medicine Nanyang Technological University (NTU), Singapore)

Yasuhiro Kuroda (Department of Emergency, Disaster, and Critical Care Medicine, Faculty of Medicine, Kagawa University, Japan)

◇ASNACC-P007

**Effect of Cerebral Perfusion Pressure augmentation on Brain Regional Energy Metabolism in patients with severe Head Injury.**

Ashish Bindra (Neuroanaesthesiology and Critical Care, All India Institute Of Medical Sciences, New Delhi, India)

◇ASNACC-P008

**Prognostic significance of Jugular bulb-to-arterial carbon dioxide difference in patients with head injuries – A pilot study**

Sudhir Venkataramaiah (National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, India)

◇ASNACC-P009

**The Role of Atorvastatin as Brain Protector in Moderate Traumatic Brain Injury Patients Measured by Tissue Plasminogen Activator and GCS Score Improvement Rate**

Kenanga Marwan Sikumbang (Departement Of Anesthesiology, Faculty of Medicine Lambung Mangkurat University, Banjarmasin, Indonesia)

◇ASNACC-P010

**Managements of severe traumatic brain injury based on the Japan Neurotrauma Data Bank**

Takeshi Maeda (Department of Anesthesiology, Nihon University School of Medicine / Department of Neurological Surgery, Nihon University School of Medicine / Center for Brain and Health Sciences, Aomori University / The Japan Neurotrauma Data Bank Committee (The Japan Society of Neurotraumatology)Department of Anesthesiology, Nihon University School of Medicine, Japan)

◇ASNACC-P011

**Mortality Outcome in Early Intubated Severe Traumatic Brain Injury Patients**

Arga Ilyasa K (Department of Anesthesiology and Intensive Therapy Gadjah Mada University  
Yogyakarta, Indonesia)

◇ASNACC-P012

**Correlation of Optic Nerve Sheath Diameter and Cerebral Perfusion Pressure Obtained by Transcranial Doppler with Outcome in Severe Head Injury Patients**

Neerja Bharti (Department of Anesthesia and Intensive Care, Post Graduate Institute of Medical  
Education and Research, Chandigarh, India)

■15:30~16:45 **Awake Surgery [EN]**

Chairs: Sudadi (Faculty of Medicine Universitas Gadjah Mada-Central General Hospital dr. Sardjito  
Yogyakarta – Indonesia)

Satoshi Tanaka (Department Anesthesiology and Resuscitology, Shinshu University  
School of Medicine, Japan)

◇ASNACC-P013

**A Comparison of The Effectiveness of Dexmedetomidine Versus Propofol Infusion for Sedation During Awake Craniotomy**

Suman Sokhal (Department of Neuroanaesthesiology and Critical Care, All India Institute of  
Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P014

**Initiation of awake craniotomy service at the Sarawak General Hospital: a new learning curve**

Kay Khai PUNG (Department of Anaesthesiology and Intensive Care, Sarawak General Hospital,  
Kuching, Sarawak, Malaysia)

◇ASNACC-P015

**A case report: Late onset transient aphasia after awake craniotomy**

Tetsuhito Hara (Department of Anesthesiology and Critical Care Medicine, Jichi Medical  
University, Japan)

◇ASNACC-P016

**Awake Craniotomy and Perioperative Analgesia – Scalp Blocks for all Craniotomies?**

Natish Bindal (University Hospitals Birmingham NHS Foundation Trust, Queen Elizabeth Hospital,  
Birmingham, UK.)

◇ASNACC-P017

**Looking towards the launch of awake craniotomy in Vietnam**

Kotoe Kamata (Department of Anesthesiology, Tokyo Women's Medical University, Japan)

◇ASNACC-P018

**Anesthetic Management For Awake Craniotomy Patient with Meningioma Underwent Tumor Evacuation in Ulin Hospital Banjarmasin**

Kenanga Marwan Sikumbang (Departemen Of Anesthesiology, Faculty of Medicine Lambung  
Mangkurat University, Banjarmasin, Indonesia)

◇ASNACC-P019

The comparison of adrenocorticotrophic hormone (ACTH) and blood sugar levels in cranioplasty patients under general anesthesia (GA) and awake cranioplasty (ACP).

Syafruddin Gaus (Department of Anesthesiology, Intensive Care and Pain Management, Faculty of Medicine, Hasanuddin University, Makassar, Indonesia)

<Poster room 2>

■10:45~11:45 Spine Surgery 1 [EN]

Chairs: Vanitha Sivanaser (Department of Anaesthesia & Critical Care Hospital, Kuala Lumpur, Malaysia)

Ken Yamaura (Department of Anesthesiology, Fukuoka University School of Medicine, Japan)

◇ASNACC-P020

**Pleth Variability Index Versus Stroke Volume Variation As Predictors Of Fluid Responsiveness In Prone Position**

Bhagya Ranjan Jena (Department of Neuroanesthesiology and Critical Care, All India Institute of Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P021

**The effect of Desflurane after total intravenous anesthesia in spine surgery at the aspect of recovery.**

Dowon Lee (Department of Anesthesia and Pain medicine, Pusan National University Hospital, Republic of Korea)

◇ASNACC-P022

**Management of Anaesthesia In Cervical Stabilization Surgery**

Diana Christine Lalenoh (Faculty of Medicine, Sam Ratulangi University, Prof. Dr. R.D. Kandou Hospital, Manado, Indonesia)

◇ASNACC-P023

**Management of Anesthesia of Cervical Hemilaminectomy Surgery in Cervical Intradural Extramedullary Tumor using Intra-Operative Neuro Physiologic Monitoring Approach**

Himawan Sasongko (Departement of Anesthesia and Intensive Theraphy, Faculty of Medicine Diponegoro University/Dr. Kariadi Hospital, Semarang, Central Java, Indonesia)

◇ASNACC-P024

**Diplopia after spine surgery: case reports**

Ju-Tae Sohn (Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Gyeongsang National University Hospital, Republic of Korea)

■ 10:45~11:45 Aneurysm Surgery [EN]

Chairs: Teruyuki Hiraki (Department of Anesthesiology, Kurume University School of Medicine, Japan)  
Geraldine Raphaela Jose (Department of Anesthesiology University of The Philippines –  
Philippines General Hospital, Republic of the Philippines)

◇ASNACC-P025

**Effect of Perioperative Haemoglobin Concentration on Cerebral Oxygen Extraction and Neurological Outcome following Aneurysmal Subarachnoid Hemorrhage**

Deepak Rajappa (Division of Neuroanaesthesia, Department of Anaesthesia and Intensive Care  
PGIMER, Chandigarh, India)

◇ASNACC-P026

**Effect of intra-arterial nimodipine on cerebral oxygen saturation and systemic hemodynamic indices in patients with cerebral vasospasm: a prospective cohort study**

Sriganesh Kamath (National Institute of Mental Health and Neurosciences, Bengaluru, India)

◇ASNACC-P027

**Unexpected intractable brain swelling due to intraoperative rupture of an un-ruptured cerebral aneurysm**

Peter TAN (Department of Anaesthesiology and Intensive Care, Sarawak General Hospital,  
Kuching, Sarawak, Malaysia)

◇ASNACC-P028

**Effect of remote ischemic preconditioning on cerebral oxygen saturation and long term functional outcome in aneurysmal subarachnoid haemorrhage**

Sangeetha RP (Department of Neuroanesthesiology and Neurocritical Care, National Institute of  
Mental Health and Neurosciences, Bangalore, India)

◇ASNACC-P029

**Measurement of neutrophil gelatinase associated lipocalin (ngal) for acute kidney injury following neuroradiological procedure/s in patients with aneurysmal subarachnoid hemorrhage: a preliminary study**

Ashutosh Kaushal (Department of Neuroanaesthesiology and Critical Care, All India Institute of  
Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P030

**Adenosine-Induced Cardiac Arrest during Intracranial Aneurysm Surgery: A single-Center Retrospective Review**

Patcharin Intarakhao (Department of Anesthesiology, Naresuan University, Phitsanulok, Thailand)

■15:30~16:45 Neuromonitoring 1 [EN]

Chairs: Satoshi Hagihira (Department of Anesthesiology, Kansai Medical University, Japan)

Ju Mizuno (Department of Anesthesiology and Pain Medicine, Juntendo University Faculty of Medicine, Japan)

◇ASNACC-P031

**Accuracy and safety of BIS monitoring using a novel interface device connecting conventional needle electrodes and BIS sensors for forehead surgical approach**

Hideki Harada (Harvest Anesthesia Clinic, Kurume, Fukuoka, Japan / Neuroanesthesia Research Laboratory, Cognitive and Molecular Institute of Brain Diseases, Kurume University, Kurume, Fukuoka, Japan)

◇ASNACC-P032

**Validity for Anesthetic Depth Monitor of PLEM™ using Phase Lag Entropy (PLE) during Propofol Anesthesia**

Hye-Won Shin (Department of Anesthesiology and Pain Medicine, Korea University Anam Hospital, College of Medicine, Korea University, Seoul, Republic of Korea)

◇ASNACC-P033

**RELIABILITY OF APPLYING BISPECTRAL INDEX (BIS) AT ALTERNATIVE SITES, NASAL AND POST-AURICULAR REGION VERSUS FRONTAL**

Jeyaganesh V (University Malaya Kuala Lumpur, Malaysia)

◇ASNACC-P034

**Investigation of the effect of perioperative inflammation on electroencephalogram**

Hirota Kinoshita (Department of Anesthesiology, Hirosaki University Graduate School of Medicine, Japan)

◇ASNACC-P035

**The analysis of pediatric EEG using Poincaré plot after a fast Fourier transformation.**

Kazuma Hayase (Department of Anesthesiology, Kyoto Prefectural University of Medicine, Kyoto, Japan)

◇ASNACC-P036

**The mean flow velocity of medial cerebral artery in mild traumatic brain injury: a comparison between patients with and without loss of consciousness**

Ida Bagus Krisna Jaya Sutawan (Department of Anesthesia, Pain Medicine, and Intensive Care, Faculty of Medicine, Udayana University, Bali, Indonesia)

◇ASNACC-P037

**Risk factors for unexpected movement during transcranial motor evoked potential monitoring in adult patients undergoing brain surgery**

Heijjin Lee (Seoul National University Bundang Hospital, Republic of Korea)

■15:30~16:45 **Anesthesia for Neurosurgery 2 [EN]**

Chairs: Tadahiko Ishiyama (Surgical Center, University of Yamanashi Hospital, Japan)

Mihir Prakash Pandia (Department of Neuroanaesthesia All India Institute of Medical Sciences, New Delhi, India)

◇ASNACC-P038

**Anesthesia for Children with Tetralogy of Fallot Undergoing Craniotomy and Evacuation of Cerebral Abscess**

Subodh Kumar (Department of Neuroanaesthesiology and Critical Care, All India Institute of Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P039

**Preoperative cephalhematoma size measured with computed tomography predicts intraoperative bleeding exceeding maximum allowable blood loss in pediatric patients undergoing cranioplasty**

Darhae Eum (Department of Anesthesiology and Pain Medicine, Severance Hospital, Yonsei University College of Medicine, Republic of Korea)

◇ASNACC-P040

**Analysis of Pulmonary Complications and Related Factors after craniotomy of Brain Stem Tumor in Children**

Liyong Zhang (Department of Anesthesiology, Beijing Tiantan Hospital, Capital Medical University, Beijing, PR China)

◇ASNACC-P041

**Sleep quality and emergence delirium in children undergoing strabismus surgery: comparison of the preschool age and the school age group**

Younghoon Jung (Dept. of anesthesia and pain medicine, School of medicine, Pusan National University, Republic of Korea)

◇ASNACC-P042

**Comparison of intraoperative bleeding between two staged surgeries in pediatric epilepsy patients**

Bora Lee (Department of Anesthesiology and Pain Medicine, Severance Hospital and Anesthesia and Pain Research Institute, Yonsei University College of Medicine, Republic of Korea)

◇ASNACC-P043

**Case report: Idiopathic glossopharyngeal neuralgia gradually exacerbated by chronic tonsillitis**

Wangseok Do (Anesthesia and Pain medicine, Pusan National University Hospital, Republic of Korea)

◇ASNACC-P044

**An affair to remember: A case of Pseudo aneurysm of the Internal Carotid Artery following endoscopic endonasal pituitary surgery requiring endovascular treatment in an acromegalic patient with an unanticipated difficult airway.**

Anil Parakh (Department of Anesthesiology, Global Hospitals, Dr E Borges Road, Parel, Mumbai, India)

## <Poster room 3>

### ■10:45~11:45 Anesthesia for Neurosurgery 1 [EN]

Chairs: Hirotsugu Okamoto (Kitasato University Hospital Anesthesiology, Japan)

#### ◇ASNACC-P045

**Comparison of Diuretic Effect and Hemodynamic Profile Among Mannitol® and Tofilac® ; A Randomised Control Study**

Nira M. Al-Munawar (Department of Anesthesiology and Intensive Therapy Gadjah Mada University Yogyakarta, Indonesia)

#### ◇ASNACC-P046

**Changes in Thromboelastometry in patients undergoing epilepsy surgery**

Siddharth Chavali (Department of Neuroanesthesiology & Critical Care, All India Institute of Medical Sciences, New Delhi, India)

#### ◇ASNACC-P047

**Conscious sedation versus General anaesthesia during mechanical thrombectomy–A retrospective study (Our institutional experience)**

Kiran Jangra (Department of Anaesthesia and Intensive Care, PGIMER, Chandigarh, India)

#### ◇ASNACC-P048

**Role of Lumbar Drain instrumentation in Skull base Tumor Excision**

Bona Akhmad Fithrah (Mayapada Lebak Bulus Hospital, Jakarta, Indonesia)

#### ◇ASNACC-P049

**Effect of Combination of Ketamine and Propofol (Ketofol) on Cerebral Oxygenation using SjVO<sub>2</sub> as parameter in Neurosurgical Patients: A Randomized Double Blind Control Trial**

Vishwanatha (Division of Neuroanaesthesia Department of anaesthesia and intensive care PGIMER, Chandigarh, India)

#### ◇ASNACC-P050

**Aging, Obesity, Dyslipidemia, and Hypertension in Hospital Room are Clinical Risk Factors Relating to Pre-Anesthesia Hypertension**

Ju Mizuno (Department of Anesthesiology and Pain Medicine, Juntendo University Faculty of Medicine, Japan)

### ■15:30~16:45 Pain & Anesthesia [EN]

Chairs: Tomoyuki Kawamata (Department of Anesthesiology, Wakayama Medical University, Japan)

Yoji Saito (Shimane University Faculty of Medicine Department of Anesthesiology, Japan)

#### ◇ASNACC-P051

**Increased sensitivity to sevoflurane in the autism model mouse BTBR**

Jiho Park (Department of Anesthesia and pain management Chungnam National University Hospital, Daejeon, Republic of Korea)



◇ASNACC-P052

**Analgesic Effect of Pentadecapeptide BPC-157 on Incisional Pain in Rats**

Eunsoo Kim (Department of Anesthesia and Pain Medicine, Pusan National University Hospital, Busan, Republic of Korea)

◇ASNACC-P053

**Sevoflurane exposure during the Critical Synaptogenic Period induces Sex-dependent neurological changes in Mice**

Xianshu Ju (Department of Biochemistry, Chungnam National University School of Medicine, Daejeon, Republic of Korea / Department of Medical science, Chungnam National University School of Medicine, Daejeon, Republic of Korea. / Infection Control Convergence Research Center, College of Medicine, Chungnam National University, Daejeon, Republic of Korea)

◇ASNACC-P054

**Rapamycin treatment prevents the change of synaptic transmission after sevoflurane exposure in late postnatal 16, 17 mice.**

Yu Lim Lee (Department of Biochemistry, Chungnam National University School of Medicine, Daejeon, Republic of Korea. / Department of Medical science, Chungnam National University School of Medicine, Daejeon, Republic of Korea. / Infection Control Convergence Research Center, College of Medicine, Chungnam National University, Daejeon, Republic of Korea)

◇ASNACC-P055

**Involvement of Syk signaling in the development of pain behavior induced by Mincle activation in the spinal cord**

Jeong Il Choi (Chonnam National University Medical School, Dept of Anesthesiology and Pain Medicine, Republic of Korea)

◇ASNACC-P056

**Hemodynamic changes and incisional bleeding after scalp infiltration of dexmedetomidine with lidocaine in neurosurgical patients.**

Jimyeong Jeong (Department of Anesthesiology and Pain Medicine, Inha University College of Medicine, Incheon, Republic of Korea)

◇ASNACC-P057

**Carpal tunnel release surgery: anaesthesia techniques by neurosurgeon and neuroanaesthetist**

Goh Chin Hwee (Department of Neurosurgery, Sarawak General Hospital, Kuching Sarawak, Malaysia)

■15:30~16:45 Neuroprotection & Neurotoxicity [EN]

Chairs: Satoki Inoue (Intensive Care Unit, Nara Medical University Hospital, Japan)

Ruquan Han (Capital Medical University, Beijing Tiantan Hosp., China)

◇ASNACC-P058

**Investigation Of The Optimal Threshold Values For Evoked Potentials in Detecting Cerebral Ischemia during Carotid Endarterectomy**

Bin Yu (Department of Anesthesiology, Beijing Tiantan Hospital, Capital Medical University, Beijing, PR China)

◇ASNACC-P059

**Role of APC-Cdh1 in the Proliferation and Activation of Oligodendrocyte Precursor Cells Following Stretch-induced Mechanical Injury**

Ma Xiang (Department of Anesthesiology, Shanxi Medical University, Taiyuan, China)

◇ASNACC-P060

**Changes of Pro-inflammatory Cytokines in Brain and Lung after Acute Cryogenic Brain Injury in Rats**

Wangseok Do (Department of Anesthesia and Pain Medicine, Pusan National University Hospital, Busan, Republic of Korea)

◇ASNACC-P061

**Stearoyl lysophosphatidylcholine inhibits LPS-induced cellular translocation of HMGB1 through the G2A / calcium / CaMKK  $\beta$  / AMPK pathway**

Hong-Beom Bae (Department of Anesthesiology and Pain Medicine, Chonnam National University Medical School, Gwangju, Republic of Korea)

◇ASNACC-P062

**The effects of electromagnetic fields on development and differentiation of murine neural stem cells -Pilot Study-**

Hideki Harada (Harvest Anesthesia Clinic, Kurume University, Neuroanesthesia Research Laboratory, Cognitive and Molecular Research Institute of Brain Diseases, Kurume, Japan)

◇ASNACC-P063

**The examination of neuroprotective effect by ketone body in transient middle cerebral occlusion (MCAO) of rat**

Satoshi Yamashita (Yamaguchi University Graduate School of Medicine Department of Anesthesiology, Japan)

◇ASNACC-P064

**Is the outcome after ischemic spinal cord injury improved by the inhibition of the signal transduction through extrasynaptic NMDA receptors in rabbits?**

Takehiko Fukui (Department of Anesthesiology, Yamaguchi University Graduate School of Medicine, Japan)

**March 16, 2019**

<Room A>

■9:00~9:45 Invited Lecture 3 [EN]

Chair: Mikito Kawamata (Shinshu University School of Medicine, Japan)

◇IL3

**Update on anesthesia for awake craniotomy**

Piyush M. Patel (University of California San Diego, USA)

■9:45~11:30 SNACC Panel [EN]

Chair: Deepak Sharma (Department of Anesthesiology & Pain Medicine, University of Washington,  
Seattle, WA, USA)

Kenji Yoshitani (National Cerebral and Cardiovascular Center, Japan)

◇SP-1

**Cooperation between SNACC & ASNACC**

Deepak Sharma (Department of Anesthesiology & Pain Medicine, University of Washington,  
Seattle, WA, USA)

◇SP-2

**Recent Advances in Anesthetic Management of Subarachnoid Hemorrhage**

Alana Flexman (Department of Anesthesiology, Pharmacology and Therapeutics, University of  
British Columbia, Vancouver, BC, Canada)

◇SP-3

**Perioperative Management for Revascularization Procedures in Moyamoya Disease**

Girija Rath (Department of Neuroanaesthesiology and Critical Care All India institute of Medical  
Sciences (AIIMS), New Delhi, India)

◇SP-4

**Anesthetic Management for Endovascular Treatment of Cerebrovascular Disease**

Jeffrey Pasternak (Mayo Clinic College of Medicine, USA)

■13:15~14:30 Symposium 7: Neuromonitoring [EN]

Chair: Tetsuya Tamaki (Aitoku Medical Welfare Center, Japan)

Masahiko Kawaguchi (Department of Anesthesiology, Nara Medical University, Japan)

◇SY7-1

**Challenges and Rewards of Directing IONM as a Neuroanesthesiologist**

Christoph N Seubert (University of Florida College of Medicine, Gainesville, Florida, USA)

◇SY7-2

**Anesthesia Considerations during Neurophysiological Monitoring**

Antoun Koht (Northwestern University, Feinberg School of Medicine, USA)

◇SY7-3

**Cranial Nerve Monitoring for the Anesthesiologist**

Laura Hemmer (Associate Professor of Anesthesiology and Neurological Surgery, Associate Director of Neurosurgical Anesthesia Northwestern University Feinberg School of Medicine, Northwestern Memorial Hospital, Chicago, Illinois, USA)

■14:30~15:45 **Symposium 8: Managements in Neuroanesthesia [EN]**

Chair: Tatang Bisri (Universitas Padjadjaran, Bandung, Indonesia)

Anil Parakh (Department of Anesthesiology, Global Hospital, Mumbai, India)

◇SY8-1

**Neuroanesthesia management contributions to outcome during thoracolumbar vascular procedures.**

Leslie C. Jameson (University of Colorado, Aurora Colorado, USA)

◇SY8-2

**Aneurysmal SAH: Newer Understanding**

Hemant Bhagat (Core Faculty of Neuroanaesthesia, Anaesthesia and Intensive Care, PGIMER, Chandigarh, India)

◇SY8-3

**Adenosine-assisted management of intracranial aneurysm clipping.**

Joseph Nascimento Monteiro (PD Hinduja Hospital and Medical Research Centre, Mumbai, India)

■15:45~17:00 **Symposium 9: Quality and Outcome in Neurosurgery [EN]**

Chair: Takayuki Kunisawa (Department of Anesthesiology and Critical Care Medicine, Asahikawa Medical University)

◇SY9-1

**Enhanced Recovery after Neurosurgery**

Antonio Alan S. Mangubat (University of the Philippines-Philippine General Hospital Manila Philippines, Republic of the Philippines)

◇SY9-2

**Subclinical Stroke after Noncardiac Surgery**

Matthew Chan (The Chinese University of Hong Kong, Hong Kong Special Administrative Region, China)

◇SY9-3

**Perioperative pain management in neuroanesthesia**

Sudadi (Department Anesthesiology and Intensive Therapy Faculty of Medicine Universitas Gadjah Mada - Sardjito General Hospital, Indonesia)

■17:00~ **Closing Remarks [EN]**

JSNACC Awards Ceremony

## <Room B>

### ■9:00~9:45 教育講演 1 [JP]

座長：讃岐美智義（広島大学病院 麻酔科）

#### ◇EL1

脳波モニターをどう活用するか

萩平 哲（関西医科大学麻酔科学講座）

### ■9:45~10:30 教育講演 2 [JP]

座長：廣田和美（弘前大学 大学院医学研究科 麻酔科学講座）

#### ◇EL2

覚醒下開頭術における神経ブロック

紙谷義孝（新潟大学大学院医歯学総合研究科 麻酔科学分野）

### ■12:00~13:00 Lunch Seminar 3 [EN]

Co-sponsor: Baxter Limited

Chair: Hiroshi Otake (Department of Anesthesiology and Critical Care Medicine, Showa University School of Medicine, Showa University Hospital, Japan)

#### ◇LS-3

Enhanced Recovery After Surgery and Neurological Surgery: Role of Enhanced Recovery in Spine Surgery

Sergio D. Bergese (Departments of Anesthesiology and Neurological Surgery.

The Ohio State University Wexner Medical Center, USA)

### ■14:30~15:30 シンポジウム 術中 MEP モニター麻酔管理ガイドライン [JP]

座長：飯田宏樹（岐阜大学大学院医学系研究科 麻酔・疼痛治療科）

#### ◇SY-1

運動誘発電位モニターの基礎

林 浩伸（奈良県立医科大学医学部麻酔科学）

#### ◇SY-2

運動誘発電位モニター時の麻酔管理

福岡尚和（岐阜大学大学院医学系研究科 麻酔・疼痛制御学）

#### ◇SY-3

胸部下行・胸腹部大動脈瘤手術時の運動誘発電位モニタリング

田中 聡（信州大学医学部麻酔蘇生学教室）

## <Room C>

### ■10:30~11:45 優秀演題(基礎) [JP]

座長：齋藤 繁 (群馬大学大学院医学系研究科臨床医学領域 麻酔神経科学講座麻酔神経科学)

審査委員：天谷文昌 (京都府立医科大学 疼痛緩和医療学教室)

川口昌彦 (奈良県立医科大学 麻酔科学教室)

藤野裕士 (大阪大学大学院医学研究科医学部 麻酔・集中治療医学)

#### ◇JSNACC-0001

プロポフォールは急性高血糖時における脳血管のアセチルコリンに対する反応性を保持する

阪田耕治 (岐阜大学大学院医学系研究科 麻酔・疼痛制御学分野)

#### ◇JSNACC-0002

末梢神経傷害時の脊髄前角と後角における活性化マイクログリアの貪食ターゲットの違い

西原 佑 (愛媛大学大学院医学系研究科 麻酔・周術期学講座)

#### ◇JSNACC-0003

IB4 結合神経は炎症性痛モデルおよび皮膚切開痛モデルにおける機械性痛覚過敏に選択的に寄与する

谷奥 匡 (和歌山県立医科大学麻酔科学教室)

#### ◇JSNACC-0004

ラット下肢筋力低下に及ぼす要因

根本 晃 (秋田大学医学部附属病院 麻酔蘇生疼痛管理学講座)

#### ◇JSNACC-0005

高齢ラットにおける吸入麻酔薬濃度の違いによる術後認知機能への影響

山本夏子 (秋田大学大学院医学系研究科麻酔蘇生疼痛管理学講座)

#### ◇JSNACC-0006

デクスメトミジンは、高齢マウス海馬において手術侵襲由来の *Mapt* 発現増大を抑制し、術後の認知機能低下を減弱する

立花俊祐 (札幌医科大学医学部 麻酔科学講座)

### ■12:00~13:00 Lunch Seminar 4 [JP]

共催：GE ヘルスケア・ジャパン株式会社

#### ◇LS-4

人らしさを求めて 選択的神経ブロックによる Monitored Hand Surgery

白井要介 (水谷痛みのクリニック)

### ■13:10~13:30 JSNACC 総会 [JP]

■13:30～14:30 優秀演題(臨床) [JP]

座長: 吉谷健司 (国立循環器病研究センター 麻酔科)

審査委員: 川前金幸 (山形大学医学部 麻酔科学講座)

榎方哲也 (弘前大学大学院医学研究科 麻酔科)

◇JSNACC-0007

胸部傍脊椎神経ブロックの鏡視下開胸術の皮膚切開時における鎮痛効果の評価:新しい鎮痛モニターの侵害受容刺激反応(NR)の有用性

宮脇弘樹 (兵庫医科大学麻酔科学・疼痛制御科学講座)

◇JSNACC-0008

心臓大血管手術後のせん妄発症に関連する因子の検討ーアセトアミノフェン周術期定時投与の影響ー

一ノ宮大雅 (長崎大学病院 麻酔科)

◇JSNACC-0009

頭部回旋位に対する i-gel<sup>®</sup>フィッティングの変化に関する検討 ~ 覚醒下開頭術の気道管理を想定して

茶木友浩 (札幌医科大学麻酔科学講座)

◇JSNACC-0010

未破裂脳動脈瘤患者での手術前後の生活機能評価

谷 季恵 (奈良県立医科大学 麻酔科学教室)

◇JSNACC-0011

術後せん妄診断患者の眼球運動および CAM-ICU の感度特異度の検討

里元麻衣子 (東邦大学医療センター大森病院)

◇JSNACC-0012

小児の脊髄係留解除術中における球海綿体反射モニタリングの検討

北村 絢 (奈良県立医科大学麻酔科学教室)

■15:30～16:30 日本集中治療医学会共催セミナー:

神経集中治療のハンズオンセミナー紹介 [JP]

共催: 日本集中治療医学会

座長: 石田和慶 (独立行政法人地域医療機能推進機構 徳山中央病院 麻酔科)

榎方哲也 (弘前大学大学院医学研究科麻酔科)

◇JSICM-1

基本理念と PCAS、SE、AW ブースについて

黒田泰弘 (香川大学医学部救急災害医学)

◇JSICM-2

開発背景、内容、効果、各ブース詳細 (SAHとTCGFIブース、TBIとICPブースについて)

江川悟史 (TMG あさか医療センター神経集中治療部)

## <Hands-on Seminar>

### ■9:00~10:30 Hands-on Seminar on Neuromonitoring [JP]

共催: 日本メドトロニック株式会社

講師: 高谷恒範 (奈良県立医科大学附属病院 中央臨床検査部)

板倉 毅 (関西医科大学整形外科)

林 浩伸 (奈良県立医科大学医学部麻酔科学)

### ■14:00~15:30 Hands-on Seminar on Ultrasound Guided Nerve Block [JP]

共催: 丸石製薬株式会社、富士フイルム株式会社

講師: 紙谷義孝 (新潟大学大学院医歯学総合研究科 麻酔科学分野)

松田敬一郎 (新潟大学大学院医歯学総合研究科 麻酔科学分野)

## <Poster Room 1>

### ■10:30~11:45 Spine Surgery 2 [EN]

Chairs: Phuping Akavipat (Prasat Neurological Institute Department of medical service, Ministry of Public Health Bangkok, Thailand)

Kotoe Kamata (Department of Anesthesiology, Tokyo Women's Medical University, Japan)

#### ◇ASNACC-P065

Accuracy of various kinds of evoked potentials for intraoperative neurophysiological monitoring in the surgery of spine and spinal cord.

Muneharu Ando (Department of Orthopedic Surgery, Kansai Medical University Medical Center, Japan)

#### ◇ASNACC-P066

Which does muscle evoked potentials after electrical stimulation to the spinal cord transmit through cortico-spinal tract or dorsal column of the spinal cord?

Muneharu Ando (Department of Orthopedic Surgery, Kansai Medical University Medical Center, Japan)

#### ◇ASNACC-P067

The risk of minimal use of rocuronium bromide on the postoperative residual neuromuscular blockade in patients undergoing longtime spine surgery with intraoperative neurophysiologic monitoring.

Hyungseok Seo (Department of Anesthesiology and Pain Medicine, Kyung Hee University, Kyung Hee University Hospital at Gangdong, College of Medicine, Kyung Hee University, Republic of Korea)

#### ◇ASNACC-P068

A single very low dose of intrathecal morphine with fentanyl as a useful adjunct to patient controlled analgesia in patients undergoing lumbar spine surgery: An interventional pilot study

Jeyaganesh V (Department of Anesthesiology and Intensive Care, University of Malaya, Malaysia)



◇ASNACC-P069

**Dexmedetomidine in a Chronic Pain Patient for Spine Surgery**

Shang Yee, Chong (Department of Anaesthesia, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore)

◇ASNACC-P070

**To study the effect of two Drug versus Single Drug Impregnated Autologous Coagulum Patch for Postoperative Pain Management in spinal surgeries**

Sandeep Sahu (Department of Anaesthesiology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, UP, India)

■10:30~11:45 **Safety and Quality Improvement [EN]**

Chairs: Thomas Lew (Department of Anaesthesiology , Intensive Care and Pain Management Tan Tock Seng Hospital, Singapore)

Kumiko Tanabe (Gifu University Graduate School of Medicine, Japan)

◇ASNACC-P071

**MANAGEMENT OF MULTI-DRUG RESISTANT ACINETOBACTER MENINGITIS IN NEUROSURGICAL ICU – OUR EXPERIENCE**

Amit Kumar (Fortis Hospital, Mohali, India)

◇ASNACC-P072

**The validation of the Japanese version of Quality of Recovery score-15 : a pilot study**

Yuu Tanaka (Department of Anesthesiology Nara Medical University, Japan)

◇ASNACC-P073

**Detection of Rocuronium in Whole Blood Using a Lipid-Bonded Conducting Polymer and Porous Carbon Composite Electrode**

Boo-Young Hwang (Department of Anesthesia and Pain Medicine, Biomedical Research Institute, Pusan National University Hospital, Busan, Republic of Korea)

◇ASNACC-P074

**A novel use of a novel drug: Preoperative nasal preparation with dexmedetomidine for trans-nasal trans-sphenoidal neurosurgery approach in skull base neurosurgery.**

Ajay Prasad Hrishu Puzhankara (Neuroanesthesia Division, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala, India)

◇ASNACC-P075

**The Effectiveness of the Emergency Neurological Life Support Course Framework Combined with High-Fidelity Simulations on Learner Knowledge and Confidence**

Jensen NG (Department of Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore)

◇ASNACC-P076

**Milwaukee protocol: The last arrow from quiver.**

Tushar Kumar (Dept. of anaesthesiology. Rajendra Institute of medical science (RIMS), Ranchi, Jaharkhand, India)

■15:30~16:40 Neuromonitoring 1 [JP]

座長：角本眞一（社会保険小倉記念病院麻酔科、救急・集中治療部）

コメンテーター：原田秀樹（久留米大学麻酔科）

◇JSNACC-P001

術中脊髄機能モニタリングにおける multi-train stimulation の有用性

前川謙悟（熊本中央病院麻酔科）

◇JSNACC-P002

脳動脈瘤に対するコイル塞栓術において運動誘発電位モニタリングが有用であった一症例

釜鳴紗桐（小倉記念病院 麻酔科・集中治療部）

◇JSNACC-P003

術中 MEP モニタリングでは検出されなかった術後対麻痺

三ツ間祐介（新潟大学医歯学総合病院麻酔科）

◇JSNACC-P004

当院における視覚誘発電位の信頼性の検討

植村景子（奈良県立医科大学麻酔科学教室）

◇JSNACC-P005

陰部テタヌス刺激 MEP (post tetanic pudendal stimulation MEP) の検討

高谷恒範（奈良県立医科大学附属病院 中央手術部）

◇JSNACC-P006

維持量のデクスメトミジンでMEPの低下を認めた症例

里元麻衣子（東邦大学医療センター大森病院）

<Poster Room 2>

■10:30~11:45 Perioperative Complication [EN]

Chairs: Naokazu Fukuoka (Department of Anesthesiology and Pain Medicine, Gifu University  
Graduate School of Medicine, Japan)

◇ASNACC-P077

Predictive factors for delayed hyponatremia after endoscopic transsphenoidal surgery in patients with non-functioning pituitary tumors: a retrospective observational study

Hee-Pyoung Park (Department of Anesthesiology and Pain Medicine, Seoul National University  
College of Medicine, Seoul National University Hospital, Seoul, Republic of  
Korea)

◇ASNACC-P078

Comparison of efficacy of palonosetron-midazolam combination with palonosetron alone for prevention of postoperative nausea and vomiting in patients undergoing breast surgery and patient controlled analgesia

Jeong-Min Hong (Anesthesia and Pain medicine, Pusan National University Hospital, Republic of Korea)

◇ASNACC-P079

Can serum concentrations of asymmetric dimethylarginine and L-arginine predict onset of postoperative cognitive dysfunction following aortic surgery?

Kazuyoshi Ishida (Department of Anesthesiology, Japan Community Healthcare Organization, Tokuyama Central Hospital, Japan)

◇ASNACC-P080

Preoperative hematologic parameters as independent predictors of complication after pancreaticoduodenectomy and distal pancreatectomy.

Yuka Tachiiri (Department of Anesthesiology, Nara Medical University, Japan)

◇ASNACC-P081

Sleep disturbance and delirium in patients with acromegaly in the early postoperative period after transsphenoidal pituitary surgery

Seung Hyun Kim (Department of Anesthesiology and Pain Medicine, Severance Hospital, Yonsei University College of Medicine, Republic of Korea)

◇ASNACC-P082

TRANSIENT BRAINSTEM ANESTHESIA FOLLOWING ULTRASOUND GUIDED CERVICAL PLEXUS BLOCK FOR CAROTID ENDARTERECTOMY – A CASE REPORT

Amit Kumar (Fortis Hospital, Mohali, India)

◇ASNACC-P083

PLASMA EXCHANGE THERAPY IN MYESTHENIC GRAVIS WITH MYESTHENIC CRISIS

Mafiana Rose (Sriwijaya University, Indonesia)

■10:30~11:45 Intracranial Surgery [EN]

Chairs: Hideki Nakatsuka (Kawasaki Medical School, Department of Anesthesiology & Intensive Care Medicine, Japan)

◇ASNACC-P084

Comparison of Bi-spectral Index-guided administration of desflurane and total intravenous anesthesia for endoscopic transnasal transsphenoidal resection of pituitary tumors.

Devika Bharadwaj (Department of Neuroanaesthesiology and Critical Care, All India Institute of Medical Sciences, New Delhi, India)

◇ASNACC-P085

Effects of two anesthesia strategies on postoperative complications after intracranial tumor resection

Yi An (Xuanwu Hospital, Capital Medical University, China)

◇ASNACC-P086

Operations in NOGH (Neuro OTH), Myanmar with no neurophysiologic monitorings: Case report for jugular foramen Schwannoma.

Ohnmar Thwin (JCS, NOGH, UM II, Myanmar)

◇ASNACC-P087

Median effective plasma concentration of remifentanil inhibiting cardiovascular response to skull-pin placement when combined with propofol in female patients undergoing neurosurgery

Chengwei Yang (The First Affiliated Hospital of USTC, Division of Life Sciences and Medicine, University of Science and Technology of China, Hefei, Anhui, PR China)

◇ASNACC-P088

Foreign body brain- Unusual, Rare & Challenging

Lulu Fatema Vali (Department of Anaesthesia, Government Medical College, Chandrapur, Maharashtra, India)

◇ASNACC-P089

Does extubated later make improved outcome after Craniotomy Brain Tumor Patients

: a Descriptive Study

Zafrullah Khany Jasa (Medicine Faculty Syiah Kuala University, Zainoel Abidin Hospital, Aceh, Indonesia)

◇ASNACC-P090

Perioperative hyperchloremia is not associated with acute kidney injury after craniotomy for intracranial hemorrhage

Hei-jin Lee (Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Seongnam, Republic of Korea)

■15:30~16:40 Neuromonitoring 2 [JP]

座長：村川雅洋（福島県立医科大学附属病院 麻酔科）

コメンテーター：木村 哲（秋田大学大学院医学系研究科 麻酔・蘇生・疼痛管理学講座）

◇JSNACC-P007

MEP モニター使用時でも完全静脈麻酔（TIVA）に拘る必要はない

黒川修二（JA愛知厚生連 江南厚生病院 麻酔科）

◇JSNACC-P008

SmartPilot®View を利用してデスフルラン麻酔下に運動誘発電位モニタリングを行った二症例

篠原征史（旭川医科大学 麻酔・蘇生学講座）

◇JSNACC-P009

ニューラルネットワークモデルを用いた BIS 値推定の試み

林 和子（京都中部総合医療センター）

◇JSNACC-P010

ヘッドセット脳波測定機器（EEG ヘッドセット AE-120A™, 日本光電, 東京）を用いた睡眠ステージ分類の検討

早坂達哉（山形大学医学部附属病院 麻酔科）

◇JSNACC-P011

SedLine®のアルゴリズム改善が全身麻酔患者の Patient State Index に与える影響の検証

小原伸樹（福島県立医科大学附属病院 麻酔・疼痛緩和科）

◇JSNACC-P012

心肺蘇生後低体温療法中に amplitude electroencephalogram(aEEG)と Density Modulated Spectral Array (DSA)にて持続脳波モニタリングを行った 1 症例  
関根秀介 (東京医科大学 麻酔科学分野)

■15:30~16:40 脳外科手術 [JP]

座長: 前田 剛 (日本大学医学部 脳神経外科・麻酔科)  
コメンテーター: 萬 知子 (杏林大学医学部麻酔科学教室)

◇JSNACC-P013

神経ナビゲーションシステムによるパルスオキシメーターへの干渉を酒精綿の外袋で解決できた2 症例  
古谷健太 (魚沼基幹病院 麻酔科、新潟大学医歯学総合病院 麻酔科)

◇JSNACC-P014

覚醒下手術が遂行できなかった開頭腫瘍摘出術の一症例  
田中成明 (信州大学医学部麻酔蘇生学教室)

◇JSNACC-P015

脳腫瘍に対して光線力学療法が施行された患者管理の検討  
濱田耕介 (札幌医科大学 麻酔科学講座)

◇JSNACC-P016

アプローチ困難な未破裂脳底動脈瘤に対して rapid ventricular pacing を用いてクリッピング術を施行した一例  
北口美輪 (ベルランド総合病院麻酔科)

◇JSNACC-P017

麻酔導入後に瞳孔散大を生じた覚醒下開頭腫瘍摘出術の1症例  
藤吉哲宏 (九州大学大学院医学研究院 麻酔・蘇生学)

◇JSNACC-P018

覚醒下頭蓋内腫瘍摘出術における血圧低下の発生頻度  
大石理江子 (福島県立医科大学 麻酔科学講座)

<Poster Room 3>

■10:30~11:45 Anesthesia for Neurosurgery 3 [EN]

Chairs: Tetsuya Hara (Department of Anesthesiology, Nagasaki University School of Medicine, Japan)  
Phuriphong Songari (Department of Anesthesiology, Faculty of medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand)

◇ASNACC-P091

Perioperative anesthetic management and factors affecting outcome in robotised stereotactic assisted (ROSA) intracranial procedures: A retrospective analysis  
Ankur Khandelwal (Department of Neuroanaesthesiology and Critical Care, All India Institute of Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P092

Use of High Flow Nasal Oxygen (Optiflow) in a Patient Undergoing Awake Bilateral Deep Brain Stimulation Electrode Insertion

Foo Chek Wun (Woodlands Health Campus, Singapore)

◇ASNACC-P093

Anesthesia management in deep brain stimulation for Complex Tourette Syndrome: A Case report  
Alexander Samuel Partogi (Siloam Hospital Lippo Village, Indonesia)

◇ASNACC-P094

A Case Report: Neuroanesthetic Management of an Obese Neurosurgical Patient Undergoing Craniotomy

Eduardo A. Barrenechea II (University of the Philippines - Philippine General Hospital, Republic of the Philippines)

◇ASNACC-P095

Successful management of life threatening airway obstruction caused by rapidly enlarging giant dissecting pseudoaneurysm of carotid artery

Devika Bharadwaj (Department of Neuroanaesthesiology and Critical Care, All India Institute of Medical Sciences, New Delhi, India)

◇ASNACC-P096

PERIOPERATIVE ANAESTHETIC MANAGEMENT OF A PATIENT WITH CHIN-ON-CHEST DEFORMITY PRESENTING FOR RECONSTRUCTIVE SPINE SURGERY: A CASE REPORT

Ankur Khandelwal (Department of Neuroanaesthesiology and Critical Care, All India Institute of Medical Sciences (AIIMS), New Delhi, India)

◇ASNACC-P097

RENAL CELL CARCINOMA WITH RIGHT ATRIAL EXTENSION; A CASE REPORT

Sandra Fernandez-Caballero (Department of Anesthesiology, Hospital Clínico Universitario de Valladolid, Spain)

■15:30~16:40 周術期管理 [JP]

座長：山下敦生（山口大学大学院医学系研究科 麻酔・蘇生学講座）

コメンテーター：伊藤明日香（関西医科大学麻酔科学講座）

◇JSNACC-P019

環軸椎亜脱臼を認めた乳児の点状軟骨異形成症患者に対する脊椎後方固定術の麻酔経験  
久保康則（北海道大学病院 麻酔科）

◇JSNACC-P020

脊髄髄内腫瘍の手術時に MEP 変化があり術後に呼吸不全を呈した1例  
上田恭平（岐阜市民病院）

◇JSNACC-P021

下行大動脈置換術後に下肢麻痺をきたした一例  
大井彩子（国立循環器病研究センター）

◇JSNACC-P022

高位胸部硬膜外麻酔により下肢の運動障害を生じた一症例

緑川沙樹（宮崎大学医学部附属病院麻酔生体管理学教室）

◇JSNACC-P023

抗 N-methyl-D-aspartate 受容体脳炎における腫瘍切除術の 3 症例

北山智哉子（近畿大学医学部麻酔科学講座）

◇JSNACC-P024

留置弁の機能不全による循環虚脱のため、術後に遷延性意識障害となった TAVI の 1 例

赤嶺 斉（琉球大学医学部附属病院 麻酔科）

◇JSNACC-P025

術後の下肢麻痺により硬膜外カテーテルのくも膜下腔迷入が判明した一例

川本 優（大阪大学医学部附属病院）

■15:30～16:40 基礎研究 [JP]

座長：澤田敦史（札幌医科大学麻酔科学講座）

コメンテーター：中尾慎一（近畿大学医学部麻酔科科学教室）

◇JSNACC-P026

一酸化炭素中毒後脳傷害と低酸素性脳傷害におけるマイクログリアの機能的差異

川添綾子（愛媛大学医学部）

◇JSNACC-P027

TRPA1 はがんの増殖を促進する

吉田朱里（和歌山県立医科大学麻酔科学教室）

◇JSNACC-P028

Cyclophilin D 遺伝子欠損マウスを用いた CLP 誘発敗血症関連脳症の発症機序に対するメタボローム解析

小林賢礼（東京医科大学 麻酔科学分野）

◇JSNACC-P029

腹腔鏡手術における気腹頭低位が脳に与える影響 —Cranial window 法を用いて—

近藤大資（山梨県立中央病院）

◇JSNACC-P030

AGE 前駆体メチルグリオキサールはミトコンドリア機能不全を引き起こし痛覚過敏を発症する

山下理比路（京都府立医科大学麻酔科学教室）

