



# The 3rd Annual Meeting of International Society for Fluorescence Guided Surgery



## Asia-Pacific Chapter



**April  
05-06  
2024**

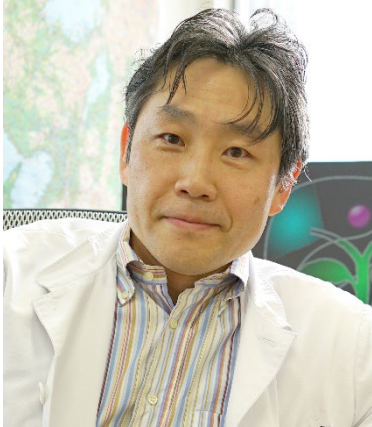
**@ABENO  
HARUKASU  
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Japan**

**Chair: Takeaki Ishizawa  
Dept. HBP Surgery, Osaka Metropolitan University**

**Office: ISS, INC., Mita MT Bldg. 8F 3-13-12 Mita, Minato-ku, Tokyo 108-0073  
ap-isfgs\_office@issjp.com**



## Greeting Message



Welcome to the 3<sup>rd</sup> annual meeting of the AP-ISFGS!

First, I would like to thank everyone who has contributed to the organization of this event. Your enthusiastic support will allow us to share this memorable experience with surgeons, researchers, and industry partners joining us today from more than fifteen countries.

I still remember the day, when I first presented the clinical applications of fluorescence cholangiography using indocyanine green (ICG) at an international congress in 2010. At that time, few in the audience was paying attention to the utility of this technique. However, following the accumulation of evidences over the course of more than a decade, fluorescence imaging has become a standard navigation tool used during laparoscopic cholecystectomy in several countries. As in the case of fluorescence cholangiography, a dozen of fluorescence imaging technique has recently become used in a variety of surgical procedures, literally from head to toe. The primary aim of this meeting is to share our knowledge regarding standard-of-care techniques such as fluorescence cholangiography for delivering favorable outcomes to patients in the Asia–Pacific region using fluorescence-guided surgery.

The other purpose for our gathering here is to become acquainted with the upcoming novel fluorophores and imaging technologies that may change fluorescence imaging from an intraoperative diagnostic tool to an actual treatment option. In other words, we are now facing the second phase of fluorescence-guided surgery on the hilltop of ICG-based technologies. I expect that the Asia–Pacific region will play a leading role in building evidence on the effective use of new technologies, contributing to improved surgical outcomes.

Finally, our most important goal is to deepen friendships beyond the boundaries of nations, surgical and research specialties, and professions. Please enjoy this event and your stay in Osaka, hopefully under the full bloom of cherry trees (SAKURA)!

A handwritten signature in black ink, appearing to read 'Takeaki Ishizawa'.

Takeaki Ishizawa, MD, PhD, FACS

President of the AP-ISFGS

Professor, Department of Hepatobiliary–Pancreatic Surgery,  
Graduate School of Medicine, Osaka Metropolitan University, Osaka.

April 5 12:30-12:35 Openeing remarks				
	Takeaki Ishizawa	Osaka Metropolitan University	Japan	
April 5 12:35-13:55 I. Toward standard-of-care 1 (GI tract and general surgery)				
Chairpersons	Toyofumi Chen-Yoshikawa	Nagoya University	Japan	
	Davide Lomanto	National University Hospital	Singapore	
Presenters				
101	Naoto Takahashi	The Jikei University Kashiwa Hospital	Japan	Our experience of intraoperative ICG fluorescence-guided surgery in gastric cancer
102	Jane Chungyoon Kim	Seoul National University College of Medicine	Korea	Enhancing Laparoscopic Surgery for Remnant Gastric Cancer with Indocyanine Green Fluorescence: A Case Series from a Single Center
103	Kimiyasu Yamazaki	School of Medicine, Showa University	Japan	Fluorescence microscopy findings of ICG fluorescence localization at tumor marking site in laparoscopic surgery for gastric cancer
104	Hiroyuki Kitagawa	Kochi Medical School	Japan	Blood flow evaluation of reconstructed gastric tube in esophageal surgery using near-infrared imaging and retrospective time intensity curve analysis
105	Yusuke Matsune	School of Medicine, Showa University	Japan	Evaluation of blood flow with ICG fluorescent imaging for the preservation of ischemic intestine
106	Toshiaki Wada	Kindai University Faculty of Medicine	Japan	Laparoscopic colectomy with lymph node navigation and intracorporeal anastomosis using Double ICG technique
107	Junji Takahashi	International University of Health and Welfare	Japan	Introduction of Fluoroscopic Surgery: case reports of the cholecystectomy and appendectomy
April 5 14:00-15:20 II. Toward standard-of-care 2 (HBP surgery)				
	Satoru Seo	Kochi medical school	Japan	
	Xiaoying Wang	Zhongshan Hospital, Fudan University	China	
Presenters				
201	Shinichi Kinami	Kanazawa Medical University Himi Municipal Hospital	Japan	Optimal administration method and weak points of ICG fluorescence cholangiography in laparoscopic cholecystectomy
202	Vu Van Quang	108 Military Central Hospital	Vietnam	Early outcome of laparoscopic anatomical hepatectomy using Indocyanine Green in treatment of Hepatocellular carcinoma
203	Kenichiro Araki	Gunma University Graduate School of Medicine	Japan	Significance of laparoscopic segmentectomy of the liver using ICG fluorescent negative staining method: a comparative study with open procedure
204	Nobuyuki Takemura	National Center for Global Health and Medicine	Japan	A case of S4a5 anatomical hepatectomy using ICG fluorescence positive and negative staining methods for advanced gallbladder cancer
205	Shuhei Kanda	Graduate School of Medicine, Kyoto University, Kyoto, Japan	Japan	The concentration gradient of fluorescence from multiple dosages of indocyanine green enables the identification of liver regions
206	Martin Huerta García	Vall d'Hebron University Hospital	Spain	Intraoperative Fluorescence Imaging with Preoperative ICG Administration for Liver Tumors Detection: Evaluating the Significance of ICG Retention in Resection Decision-Making
207	Jinpeng Tang	Zhongshan Hospital, Fudan University	China	Improving retention and specificity of fluorescence probe for hepatocellular carcinoma
April 5 15:30-17:05 III. New techniques 1				
Chairpersons	Masaki Kaibori	Kansai Medical University	Japan	
	Katsuya Yamada	Hirosaki University	Japan	
Presenters				
301	Takeshi Shinozaki	National Cancer Center Hospital East	Japan	Photoimmunotherapy
302	Hideo Fukuhara	Kochi University	Japan	5-aminolevulinic acid-based photodynamic diagnosis for non-muscle invasive bladder cancer
303	J.R. van der Vorst	Leiden University Medical Center	The Netherlands	CEA-targeted fluorescence-guided surgery using SGM-101, current status and future prospects
304	Eric Bensen	Vergent Bioscience, Inc.	US	VGT-309: A tumor targeted near-infrared imaging agent for intraoperative detection of cancer in the lung
305	Karina Juhl	FluoGuide	Danmark	Optical-Guided Surgery in High Grade Glioma and Oral and Oropharyngeal Squamous Cell Carcinoma Using a Novel uPAR-Targeted Near-Infrared Imaging Agent FG001 (AE105-Glu-Glu-ICG)
306	Gabriel P. Haas	Astellas Pharma Global Development Inc.	US	Clinical application of pudexacianinium chloride (ASP5354) for intraoperative and noninvasive visualization of ureters
307	Tommy Lee	On Target Lab	US	Pafolacianine for intraoperative molecular imaging of cancer in the lung: The ELUCIDATE trial
April 5 17:10-17:50 IV. Evening seminar Fluorescence guided surgery from the basic to advanced approach - Japan to Global - (Sponsored by Stryker)				
Chairperson	Jun Watanabe	Kansai Medical University	Japan	
Presenters				
E01	Jun Watanabe	Kansai Medical University	Japan	Blood Perfusion Assessment by Indocyanine Green Fluorescence Imaging for Minimally Invasive Rectal Cancer Surgery
E02	Taiga Wakabayashi	Ageo Central General Hospital	Japan	Current roles of ICG fluorescent imaging systems in laparoscopic liver resection
April 5 19:00-21:00 Welcome dinner (Sponsored by Diagnostic Green)				
April 6 8:00-8:45 V. Morning seminar HMRG: a possible main player in the future fluorescence-guided surgery (Sponsored by Goryo Chemical)				
Chairperson	Yasuteru Urano	The University of Tokyo	Japan	
Presenters				
M01	Shota Tanaka	Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences	Japan	New endeavor to photodynamic diagnosis for glioma
M02	Yosuke Tsuji	Graduate School of Medicine, The University of Tokyo	Japan	Illuminating Esophageal Cancer! Fluorescent Probes for Endoscopic Early Detection

April 6 8:50-9:45 VI. Fluorescence-guided surgery in the world				
Chairpersons	<b>Takeaki Ishizawa</b>	Osaka Metropolitan University	Japan	
	<b>Norihiro Kokudo</b>	National Center for Global Health and Medicine	Japan	
Presenters				
601	<b>Raul J Rosenthal</b>	Cleveland Clinic Weston, Florida	US	Message to the AP-ISFGS (Video)
602	<b>Fernando Dip</b>	Hospital de Clinicas, University of Buenos Aires	Argentina	ISFGS for the future (Video)
603	<b>Masashi Yoshida</b>	International University of Health and Welfare	Japan	Japanese Society for Fluorescence Guided Surgery, the path we have taken and the road ahead
604	<b>Hiro Hasegawa</b>	National Cancer Center Hospital East	Japan	Japanese consensus guideline on evaluation of blood flow using indocyanine green fluorescence imaging in colorectal surgery
605	<b>Seong-Ho Kong</b>	Seoul National University Hospital	Korea	Device and drug availability in Asia-Pacific regions for further development of fluorescence guided surgery

April 6 9:50-11:25 VII. Expanding field of fluorescence guided surgery 1				
Chairpersons	<b>Yung-Chun Hsieh</b>	National Taiwan University College of Medicine	Taiwan	
	<b>Han-Kwang Yang</b>	Seoul National University College of Medicine	Korea	
Presenters				
701	<b>Catherine Teh</b>	Makati Medical Center	Philippines	Clinical trials of fluorescence cholangiography targeting reduction of bile duct injury during laparoscopic cholecystectomy
702	<b>Ian Wong</b>	Queen Mary Hospital	Hong Kong	Roles of fluorescence imaging in upper GI surgery
703	<b>Ian Tan</b>	University Surgical Cluster, NATIONAL UNIVERSITY HEALTH SYSTEM (NUHS)	Singapore	The Role of ICG in Colorectal Surgery
704	<b>Roderick Peul</b>	Leiden University Medical Center	The Netherlands	The potential of fluorescence imaging in preventing anastomotic leakage during gastric conduit surgery
705	<b>Kenshin Sai</b>	Minami-Osaka General Hospital	Japan	Lymphatico-Venous Anastomosis for Lymphedema Cases introduced Fluorescence imaging system SPY-PHI ©-Taking advantage of our hospital-
706	<b>Yung-Chun Hsieh</b>	National Taiwan University Hospital, National Taiwan University College of Medicine	Taiwan	Optimized repetitive injection protocol using Voluven-assisted indocyanine green in breast cancer sentinel lymph node biopsy
707	<b>Tamiko Kamimura</b>	Tokorozawa Chuo Hospital	Japan	Indocyanine Green Fluorescence-Guided Knee Arthroscopy: Preliminary Results and Future Prospective

April 6 11:30-11:55 Exhibition Go-Round with coffee

April 6 12:00-13:00 VIII. Luncheon seminar The possibility and future of color coded surgery (Sponsored by Olympus)				
Chairpersons	<b>G.V. Rao</b>	AIG Hospitals & Asian Institute of Gastroenterology	India	Opening remarks
Presenters				
L01	<b>Takashi Nonaka</b>	Nagasaki University Graduate School of Biological Science	Japan	Color enhanced surgery for colorectal cancer
L02	<b>Rawisak Chanwat</b>	National Cancer Institute	Thailand	Advancements in Color Enhanced Surgery for Laparoscopic Liver Resection

April 6 13:05-14:40 IX. Expanding field of fluorescence guided surgery 2				
Chairpersons	<b>Nguyen Anh Tuan</b>	108 Military Central Hospital	Vietnam	
	<b>Nicholas O'Rourke</b>	University of Queensland Brisbane	Australia	
Presenters				
901	<b>Xiaoying Wang</b>	Zhongshan Hospital, Fudan University	China	Sentinel lymph node mapping of intrahepatic cholangiocarcinoma by ICG fluorescence
902	<b>Nguyen Van Du</b>	108 Military Central Hospital	Vietnam	Comparative Study of ICG and Non-ICG in Laparoscopic Gastrectomy for Gastric Cancer: A Propensity Score-Matched Analysis at a Single Center
903	<b>Nicholas O'Rourke</b>	University of Queensland Brisbane	Australia	ICG usage in spleen preserving distal pancreatectomy
904	<b>Dhires Kumar Maharjan</b>	Kathmandu Medical College Teaching Hospital	Nepal	Role of ICG to look for vascularity of the pancreatic stump after Whipples procedure
905	<b>Stefan Koning</b>	Leiden University Medical Center	The Netherlands	The FAFI-trial: NIRF perfusion assessment in reconstructive DIEP-flap surgery
906	<b>Rajaie Kamarudin</b>	Selayang Hospital	Malaysia	Luminescent Precision: Illuminating Hepatopancreatobiliary Surgery with ICG in Malaysia
907	<b>Wifanto S Jeo</b>	Cipto Mangunkusumo Hospital Jakarta	Indonesia	Efficacy and Safety of Near-Infrared Fluorescence Cholangiography Using Indocyanine Green

April 6 14:45-16:05 X. New techniques 2				
Chairpersons	<b>Takeshi Aoki</b>	Showa University	Japan	
	<b>Simon Low</b>	The University of Hong Kong	Hong Kong	
Presenters				
1001	<b>Yoshihiko Tashiro</b>	School of Medicine, Showa University	Japan	Development of A Fluorescent Surgical Gauze Stained with Indocyanine Green
1002	<b>M. W. Kruijswijk</b>	Leiden University Medical Center	The Netherlands	The use of near infrared fluorescence for understanding micro- and macrovascular pathology in vascular surgery patients
1003	<b>Kodai Tomioka</b>	School of Medicine, Showa University	Japan	Fusion of Indocyanine Green Fluorescence Imaging and Artificial Intelligence Navigation for Color-Coded Laparoscopic Liver Resection
1004	<b>Shunjin Ryu</b>	Kawaguchi Municipal Medical Center	Japan	Near-infrared fluorescence imaging, mixed reality and artificial intelligence assistance for anatomic visualization during colorectal cancer surgery
1005	<b>Hyun-Koo Kim</b>	Korea University Guro Hospital	Korea	Novel Fluorescent Imaging using Inhaled or Different Wavelength Fluorophores for Simultaneous Identification of Tumor Margin and Intersegmental Plane During Pulmonary Segmentectomy
1006	<b>Hiroto Nishino</b>	Graduate School of Medicine, Kyoto University	Japan	Real-time navigation liver resection with indocyanine green fluorescence projection onto the surgical field

April 6 16:05-16:10 Closing remarks				
	<b>Takeaki Ishizawa</b>	Osaka Metropolitan University	Japan	

Pre-registration is highly recommended!



OR,

<https://www.isfgs.org/home-asia-pacific>

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Dep. HBP Surgery  
Osaka Metropolitan University

REGISTRATION

**stryker**

Click here!

registration fee: 10,000JPY

Organizing committee: ap-isfgs\_office@issjp.com