



ISFGS North American Chapter Annual Meeting

Goldberg Auditorium, Medstar Georgetown University Hospital
Washington, DC - June 20, 2026

Program Directors: Steven D. Wexner and Fernando Dip

7:00 – 7:20AM | Registration & Breakfast

7:20 – 7:30AM | Welcome & Opening Remarks

Thomas Fishbein, Steven D. Wexner, and Fernando Dip

**7:30 – 9:25AM | SESSION I – INVITED LECTURES General
concepts of FGS**

Moderators: Paul Sugarbaker and Manish Chand

7:30 – 7:35AM

The science of fluorescence imaging

Augustine Iroatulam

7:35 – 7:40AM

New ICG perspectives in gynecology

Joao Paulo Epprecht

7:40 – 7:45AM

Critically interpreting the literature on fluorescence imaging

Abe Fingerhut

7:45 – 7:50AM

ICG in HIPEC: EU perspective

Delia Cortes-Guiral

7:50 – 7:55AM

Improving outcomes in robotic colorectal surgery with
fluorescence imaging

Venkatesh Munikrishnan

In Conjunction with International Colorectal Disease Symposium
June 18-19, 2026



MedStar Health



7:55 – 8:00AM

Robotic applications with ICG

Emre Gorgun

8:00 – 8:05AM

Fluorescence lifetime imaging enhanced intraoperative surgical guidance

Anand Kumar

8:05 – 8:10AM

Emerging cancer probes and applications in practice

Debbie Keller

8:10 - 8:15AM

ICG in lymph node mapping in colorectal cancer

Sameh Emile

8:15 – 8:20AM

Near-infrared fluorescence imaging in vascular, reconstructive and trauma surgery: an update of recent advancements

Joost van der Vorst

8:20 – 8:25AM

SPARK: Quantitative assessment of myocardial perfusion from fluorescence-guided

Rene Aleman

8:25 – 8:30AM

Intraoperative fluorescent cholangiography: evidence, limitations, and ongoing debates

Ana Carrasquilla

8:30 – 8:35AM

Beyond fluorescence: impact of human factors In ICG-guided surgical decision making

Ankita Kulkarni



8:35 – 8:40AM

Dual-contrast imaging using the new long-wavelength fluorescent compound ICG-C9

Yusuke Watanabe

8:40 – 8:45AM

Vertical profunda artery perforator flap for perineal reconstruction

a viable alternative

Sam Huffman

8:45 – 8:50AM

Challenges and opportunities for fluorescent guided endocrine surgery

Jennifer Rosen

8:50 – 8:55AM

Enhancing precision in cytoreductive surgery for colorectal peritoneal metastases using LGR5-targeted fluorescence imaging

Chukwuemeka U. Ihemelandu

8:55 – 9:25AM

DISCUSSION

9:25 – 9:55AM | Coffee Break

9:55 – 12:00AM | SESSION II – GENERAL ABSTRACTS

Moderators: Alexander Vahrmeijer and Marylise Boutros

9:55 – 10:00AM

Real-time ICG angiography to guide pedicle selection in secondary breast reduction with uncertain nipple–areola complex perfusion

Agustin Rancati



10:00 – 10:05AM

Intraoperative ICG angiography vascular patterns in reduction mammoplasty: a comparative analysis across pedicle techniques

Mariano Felix Ramirez

10:05 – 10:10AM

ICG fluorescence angiography for prevention of anastomotic leak in colorectal surgery: a graded systematic review and meta-analysis with trial sequential analysis of randomized controlled trials

Mahmoud Albashier

10:10 – 10:15AM

ICG fluorescence-guided gastric perfusion in advanced gastric cancer: real-time precision surgery

Juan Muriel

10:15 – 10:20AM

TBD

10:20 – 10:25AM

Fluorescence-guided pancreatic surgery: a scoping review

Thomas Baastrup Piper

10:25 – 10:30AM

Fluorescence-guided laparoscopic cholecystectomy reduces operative complexity and enhances biliary safety: a prospective cohort study

Georgios Karagiannidis

10:30 – 10:35AM

ICG fluorescence-guided versus conventional laparoscopic hepatectomy for hepatocellular carcinoma: a propensity score-matched time-to-event meta-analysis

Mahmoud Albashier



10:35 – 10:40AM

Fluorescence image-guided surgery with ICG for anastomotic perfusion assessment in colorectal surgery: protocol for a joint SAGES-EAES clinical practice guideline and systematic review with individual participant data meta-analysis of randomised controlled trials

Panagiotis Kapsampelis

10:40 – 10:45AM

Comparative analysis of early-onset colorectal cancer between South-South Nigeria and the United States

Ofure Omoike

10:45 – 10:50AM

Role of ICG in predicted difficult laparoscopic cholecystectomies: a prospective study

Ramya Vajja

10:50 – 10:55AM

Cost-effectiveness of ICG fluorescence in reducing anastomotic leak following low anterior resection: a tertiary care north India experience

Sudipto De

10:55 – 11:00AM

Fluorescence ICG-assisted colorectal resection: results of a comparative study in a District General Hospital

Oliver Koosenlin

11:00 – 11:05AM

ICG fluorescence-guided totally laparoscopic surgery for colon adenocarcinoma: initial experience in Mongolia

Sarnai Erdene

11:05 – 11:10AM

Endoscopic ICG peritumoral injection for fluorescence-guided gastric resection

Veronica Raveglia



11:10 – 11:15AM

ICG fluorescence-guided cholecystectomy and biliary safety in acute cholecystitis: a systematic review and meta-Analysis

Mahmoud Albashier

11:15 – 11:45AM

DISCUSSION AND VOTE

11:45 – 11:55AM

Results of a Phase 2b Multicenter Clinical Trial of Abenacianine for Injection (VGT-309), an Intraoperative Molecular Imaging Agent for Lung Cancer.

John Santini

11:55 – 1:00PM | LUNCH

1:00 – 3:05PM | SESSION III – New Applications of Existing Technology Session

Moderators: Michael Bouvet and Ahmad Uraiqat

1:00– 1:05PM

Near-Infrared fluorescence imaging for intraoperative visualization of ureteral perfusion during kidney transplantation: a pilot study

Lars Hoeve

1:05– 1:10PM

Defining perfusion thresholds in reconstructive flap surgery using quantitative ICG fluorescence angiography

Lasse van't Hof

1:10 – 1:15PM

Real-time perfusion mapping of thoracic wall flaps in breast-conserving surgery using ICG angiography

Josefina Pedelacq



1:15 -1:20PM

Objective assessment of perfusion changes following peripheral percutaneous transluminal angioplasty vs bypass surgery using near-infrared fluorescence

Jeroen Umbgrove

1:20 -1:25PM

Intraoperative ICG angiography for real-time perfusion assessment in free flap reconstruction: a prospective observational study

Iñaki Barone

1:25 - 1:30PM

Quantification of sigmoid perfusion with near-infrared fluorescence and ICG during open abdominal aortic aneurysm reconstruction

Roderick Peul

1:30 - 1:35PM

Intra-arterial ICG for the assessment of foot perfusion during endovascular lower extremity revascularization

Mo Kruiswijk

1:35 - 1:40PM

A prospective cohort study of intraoperative parathyroid gland management by early and advanced career surgeons based on viability assessment by visual perception and ICG fluorescence imaging

Rebecca Lahamm-Andraos

1:40 - 1:45PM

Ultra-low dose, short-interval ICG for pediatric FGS: a multicenter real-world evaluation

Silvana Prodan



1:45 – 1:50PM

Fluorescence image-guided surgery with tumor-specific probes in gynecologic oncology: emerging evidence and perspectives

Chiara Innocenzi

1:50 – 1:55PM

TBD

1:55 – 2:00PM

Quantitative ICG fluorescence metrics in esophagectomy and predicting anastomotic leak: a systematic review and meta-analysis

Holly Keelan

2:00 – 2:05PM

Ultra-low dose ICG: eliminating hepatic background fluorescence for consistent biliary visualization in all cholecystectomy scenarios

Natalia Pujol-Cano

2:05 – 2:10PM

Using ICG for primary tumor and sentinel lymph node detection during laparoscopic colorectal cancer surgery

Anun Baatarjan

2:10 – 2:15PM

Prophylactic lymphaticovenous anastomosis (targeted LYMPHA) guided by intraoperative ICG-NIR fluorescence lymphangiography at the time of axillary lymph node dissection: a prospective comparative study from India

Nishita Prasanth



2:15 – 2:20PM

ICG improves bilateral sentinel lymph node detection and reduces operative time in early-stage endometrial cancer
Mariana De Leon

2:20 – 2:25PM

Laparoscopic ICG subserosal administration for sentinel lymph node detection in jejunal lymphoma
Carlotta Bianchi

2:25 – 2:30PM

Optimizing ICG timing and dosing for fluorescence-guided colorectal liver metastases surgery after neoadjuvant therapy using an exploratory adaptive study design
Dylan Koole

2:30 – 2:35PM

Seeing the unseen - ICG fluorescence-guided thoracic duct navigation in robotic-assisted oesophagectomy
Harish Neelamraju Lakshmi

2:35 - 3:05PM

DISCUSSION AND VOTE

3:05 – 3:35PM | COFFEE BREAK

3:35 – 5:30PM | SESSION IV – VIDEOS + EMERGING TECHNOLOGIES

Video Session

Moderators: Natan Zundel and Patricia Sylla

3:35 – 3:40PM

ICG fluorescence-guided laparoscopic cholecystectomy in an hourglass gall bladder (Video)
Augusto Alveo Espitia



3:40 – 3:45PM

Quantitative real-time ICG fluorescence-guided laparoscopic duodenum-preserving pancreatic head resection for pancreatic serous cystadenoma (Video)

Yafei Hu

3:45 – 3:50PM

ICG-guided robotic adrenalectomy: technical applications and surgical utility (Video)

Dogukan Akkus

3:50 – 3:55PM

Quantitative fluorescence imaging with ICG during gastric conduit surgery

Indy Planting

3:55 - 4:00PM

“Pseudo-injury” trap: fluorescence-induced optical illusions in laparoscopic cholecystectomy

Jesus Lima

4:00 - 4:05PM

The use of ICG imaging in adrenalectomy procedures

Eren Berber

Emerging Technologies

Moderators: Fernando Dip and Ana Carrasquilla

4:05 – 4:10PM

Pancreatic stump perfusion assessment using ICG fluorescence and its impact on postoperative pancreatic fistula: a systematic review and meta-Analysis

Alessio Marchetti

4:10 – 4:15PM

Quantitative fluorescence imaging for perfusion assessment of the pancreatojejunostomy

Louelle van der Aa

4:15 – 4:20PM

Novel biomarkers for fluorescence image-guided surgery in gastrointestinal stromal tumours

Lindsey Verhoeven

4:20 – 4:25PM

Study protocol for a prospective single-arm observational study evaluating a novel imaging device to evaluate anastomotic site mucosal oxygen tension and its association with anastomotic complications.

Maryam Sherwani

4:25 – 4:30PM

An anti-mucin-1 antibody conjugated to a near infrared dye brightly visualizes metastatic colon cancer intraoperatively in nude mice

Blackberrie Eddins

4:30 – 4:35PM

TRIPHASE Trial: A Phase 2 randomized controlled semi-blinded trial to investigate safety and effectiveness in visualization of the ureters with nizaracianine triflutate, administered intravenously in up to three divided doses in participants (18 years or older) undergoing abdominopelvic surgical procedures

Cedric Pesch



4:35 – 4:40PM

Novel surgical fluorescent imaging agent, MarginVue (pHLIP ICG), for the detection of breast cancer during breast conserving surgery: results of ongoing phase I/IIa clinical trials
Giacomo Montagna

4:40 – 4:45PM

Survival outlier in Stage IIB (T3N1) pancreatic adenocarcinoma: counterfactual insights into the potential role of ICG fluorescence guidance
Muhammad Mashood Iqbal

4:45 – 4:50PM

Oxygen saturation endoscopic imaging during laparoscopic sphincter-sparing surgery for malignant rectal tumors
Hiro Hasegawa

4:50 – 4:55PM

Development and preclinical validation of hepatocyte growth factor (c-Met) peptide for targeted fluorescence near-infrared imaging in human lung adenocarcinoma
Ann Ram

4:55 – 5:00PM

Fluorescence imaging of orthotopic mouse models of colorectal cancer and metastases with Claudin-1-IRDye800 precisely co-localizes with tumor luciferase expression
Javier Bravo

5:00 – 5:20PM

DISCUSSION AND VOTE

5:20 – 5:40PM

AWARDS + CLOSING REMARKS