



SAGES

SOCIETY OF AMERICAN GASTROINTESTINAL AND ENDOSCOPIC SURGEONS

SAGES Fluorescence Imaging Fellows Course

December 6-7, 2024

Center For the Future of Surgery
UC San Diego, La Jolla, California

FRIDAY DECEMBER 6		
Time	Topic	Faculty
8:00 am	Breakfast / Welcome and Introduction	Nova Szoka/Faculty
8:30 am	History of Fluorescence Surgery	Ryan Broderick
8:45 am	Applications of Fluorescence in Cholecystectomies - Reducing Common Bile Duct Complications with ICG	Santiago Horgan
9:05 am	When, why, and how I use fluorescence imaging in colorectal surgery - Evaluating the efficacy of ICG fluorescence imaging on anastomotic leakage for rectal cancer surgery - ICG for intraoperative identification of ureters during colorectal surgery	Sonia Ramamoorthy
9:25 am	Fluorescence imaging in Bariatric Surgery - ICG to assess perfusion (primary vs revisional) - ICG for leak testing - FG calibration tube	Corrigan McBride
9:45 am	BREAK – 15 minutes	
10:00 am	Lab overview & instructions	Nova Szoka
10:30 am	HANDS-ON LAB	
12:30 pm	Working Lunch Medical Economics: The Value Equation of Fluorescence - Ryan Broderick	
1:15 pm	HANDS-ON LAB	
5:15 pm	Wrap up – head back to hotel	Shuttle for dinner leaves hotel at 6:40

SATURDAY DECEMBER 7		
Time	Topic	Faculty
8:00 am	Breakfast	
8:30 am	Foregut Oncology ICG for Sentinel Lymph Node Mapping for Esophageal and Gastric Cancer	Ryan Broderick
8:50 am	Fluorescence Imaging in Benign Primary and Revisional Foregut Surgery	Alice Race
9:10am	Fluorescence Imaging in Hepatobiliary Surgery - Fluorescence-Guided Anatomical Liver Resection - Use of ICG Fluorescence in Living Donor Liver Transplantation Fluorescence Imaging for Identification of Liver Tumors and Liver Cysts, Pancreatic Tumors	Dom Asbun
9:30 am	Fluorescence Imaging Applications - Soft Tissue and Abdominal Wall	Bill Watson
9:50 am	Utility of Fluorescence Imaging in Endocrine Surgery: Adrenals	Michael Bouvet
10:10 am	Future of Image-Guided Surgery	Gene Yang
10:30 am	BREAK – 15 minutes	
10:45 am	Faculty Panel Q&A	
11:45 am	Working Lunch Transition to Practice– Community vs Academic Practice Ivy Haskins (academic) and Bill Watson (community)	
12:30 pm	Wrap up – back to hotel to get luggage and catch airport shuttle	



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LAB

10 pig stations

2 stations: Plastic abdomen with pig stomach sleeve gastrectomy (Endolumik)

2 stations: Lap common bile duct exploration (Spyglass/Boston Sci)

2 stations: FG rectal & uterine manipulator (GreenEgg/Endoglow)

3 FLS box using Bowel Anastomosis Training Simulator

Procedures Lap:

Lap chole

Sleeve

Anastomosis options:

-Sleeve to bypass or OAGB

-Duodenal switch

-Hiatal dissection (preceded by BL chest tube)

-Laparoscopic SBR/anastomosis

Colorectal task (TBD)

Procedures Open:

Abd wall flaps & TAR
