



# DOSING AND TIMING CHART ON HOW TO USE INDOCYANINE GREEN (ICG) BY PROCEDURE

PROCEDURE	PURPOSE	INJECTION TYPE	USUAL DOSAGE	INJECTION TIME	FIRST ICG DETECTION	ICG DURATION	CAMERA REQUIREMENTS	NOTES
Colorectal & Gastrointestinal Carcinoma	Visualization of lymphatic drainage & SLN	Peritumoral area	0.5 - 1mL on each tumor quadrant	Preoperatively or intraoperatively	Abdominal cavity visualized	Remains stable during surgery. Slowly diffuses through lymphatics	Laparoscope or handheld NIR camera	Esophageal LN mapping: create & inject into bleb to prevent too deep injection. Gastric LN mapping during gastrectomy: peritumoral injection 24 hrs prior for lymphadenectomy, intraoperative injection for SLN mapping

**NIR, near infrared; ICG, indocyanine green; LN, lymph node; SLN, sentinel lymph node; Min, minutes; Sec, seconds; Hrs, hours DISCLAIMERS:**

- The above dosage and timing information have been collated from worldwide surgeons expert in these procedures and is based on their recommendations and is not evidence-based.
- All dosages have been adjusted to the U.S. recommended dilution of 25mg of ICG in 10mL of sterile water.
- Doses are device-dependent.
- Approval for listed indications may vary according to country.

**FOR ANY QUESTIONS ABOUT THE DOSING CHART, PLEASE CONTACT ISFGS AT [ADMIN@ISFGS.ORG](mailto:ADMIN@ISFGS.ORG)**