

First Indocyanine Green Guided Hepatectomy Workshop

Selayang Hospital.

By Rajaie Kamarudin



Figure 1: Speech by Mr Mansiekar.



Figure 2: Lecture by Dr Catherine The.

During the hands-on workshop, Dr Catherine unveiled real-time assessment of liver perfusion to ensure precise decision-making for hepatectomy. She also highlighted that ICG minimizes surgical risks by providing vital information about liver blood flow thus help reduce postoperative complications. She guided surgeons and trainees to accurately identify and preserve healthy liver tissue which is crucial for hepatectomy. Dr Catherine stressed that the use of ICG empowers surgeons to perform more precise and targeted hepatectomy, ultimately improving patient outcomes.



Figure 5: Enthusiastic participants performing ICG guided hepatectomy.

On October 6th, I was privileged to organise the first formal Indocyanine Green (ICG) guided hepatectomy workshop in Selayang Hospital (HSEL). The event was inaugurated by Mr Manisekar K. Subramaniam. The workshop was led by the proctorship of renown Hepatopancreatobiliary (HPB) surgeon Dr. Catherine Teh of Philippines who is also the President of ASEAN Laparoscopic HPB Council. She shared her extensive experience in incorporating the use of ICG in HPB surgery since 2015.

The event was participated by 20 eager HPB surgeons and trainees throughout the country wanting to learn the use of this technique.

Dr. Catherine Teh underscored the numerous advantages of ICG guided hepatectomy, emphasizing real-time assessment, minimising complications, preservation of healthy liver tissue and precision surgery in her lectures.



Figure 3: HPB Team and OT staff HSEL.



Figure 4: Hands-on laparoscopic ICG hepatectomy.

This event marked an essential milestone in advancing hepatectomy techniques in Malaysia. Participants gained invaluable insights from Dr. Catherine Teh's expertise. The use of ICG promises precise and ultimately safer hepatectomy for patients.