



SARAWAK GENERAL HOSPITAL



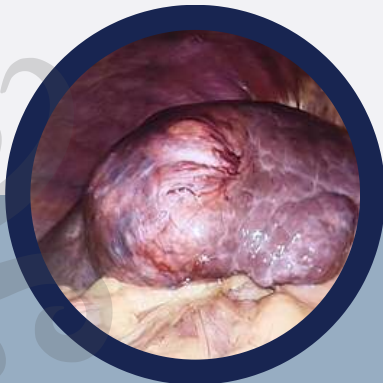
LAPAROSCOPIC LIVER RESECTION

Workshop 2024

BY AZZYATI DAHLAN

Following the success of last year's minimally invasive surgery (MIS) workshop, HPB Surgery Unit, Sarawak General Hospital once again organized another MIS workshop this year. This time the focus is solely on laparoscopic liver resection. The workshop was held over a 2-day period from 12th - 13th September 2024 to maximize the opportunity for hands-on.

Continuing our efforts in strengthening collaboration between Thailand and Malaysia, we were honoured once again by the enthusiastic contribution of our invited facilitator, Dr Rawisak Chanwat from Bumrungrad International Hospital, Bangkok.



RIISING UP TO THE CHALLENGE, OVERCOMING OBSTACLES

Recognising the challenge of limited surgical resources, we are grateful for the unwavering support from various industrial partners. Considering the unit still lacking certain assets, in particular the 4-way laparoscopic ultrasound transducer and laparoscopic cavitronic ultrasonic surgical aspirator (CUSA) tip, these were flown to Kuching across the South China Sea specifically for this workshop. We were also fortunate to be able to utilise the latest integrated surgical visualisation platform Visera Elite III with 4K imaging that supports fluorescence-guided surgery.

**LAPAROSCOPIC LIVER RESECTION
WORKSHOP 2024**
12th - 13th SEPTEMBER
DAYCARE CENTER DCC
SARAWAK GENERAL HOSPITAL

SARAWAK

INVITED FACILITATOR
DR RAWISAK CHANWAT
THAILAND

PLATINUM SPONSOR
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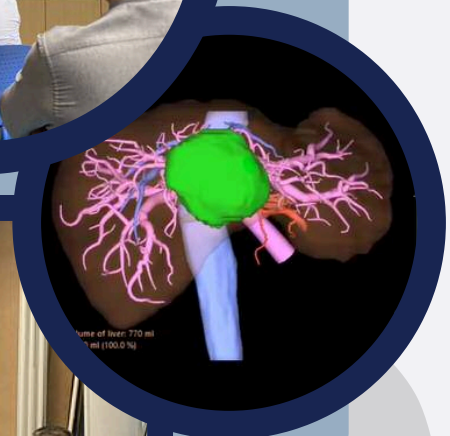
WITH SUPPORT FROM
Johnson & Johnson MedTech
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LAPAR Surgical

The surgeries were performed in OT5, Level 3 with live telecast and 2-way communication to the Seminar Room, Level 4 in Daycare Center, Sarawak General Hospital.



DAY I

Mr Nik Azim Nik Abdullah as the head of unit officiated the event with a welcome speech. He conveyed his heartfelt gratitude to Dr Rawisak for his time and effort and expressed his wishes for the workshop to be an annual tradition. This was followed by an interactive 1-hour lecture by Dr Rawisak with a constructive Q&A session with the participants. We then presented the clinical history for the first case of the day and reviewed the imaging, including 3D reconstruction rendered using Synapse Vincent Fujifilm software, courtesy of the assistance of our colleague in National Cancer Institute, Bangkok. The laparoscopic segment 4 & 5' resection (New World Terminology) for hepatitis B segment 4/5 hepatocellular carcinoma was completed uneventfully and we concluded the first day with faculty dinner.





DAY 2

The second day commenced with laparoscopic left hemihepatectomy for suspected left lobe intraductal papillary neoplasm of the bile duct (IPNB). The surgery was performed by Mr Johann Faizal Khan (Selayang Hospital), Mr Padmaan Sankaran (Malacca Hospital) and Mr Rajaie Kamarudin (Selayang Hospital) under the supervision of Dr Rawisak.

“★★★★★ - Mr Rajaie”

Every steps were explained in detail by Dr Rawisak and precisely executed by the participants. Starting from extracorporeal Pringle manoeuvre, outflow dissection, extra-hepatic extra-Glissonian pedicle isolation, identification of ischaemic demarcation reinforced with indocyanine green (ICG) dye, hepatic vein-guided parenchymal transection and finally inflow and outflow stapler transections; the case was entirely performed by the participants.





Feedback from participants has been encouraging. Mr Padmaan appreciated the opportunity for hands-on and the step-by-step coaching by an experienced mentor. Dr Rawisak himself was impressed with the skills showcased by the participants despite limited prior exposure to anatomical laparoscopic hepatectomy.

“Fantastic workshop! - Mr Johann”



With another workshop wrapped up successfully, HPB Unit, Sarawak General Hospital is happy to report that the current trend of organising MIS workshops will be carried forward in the future as part of ongoing tradition to ensure ample learning experience is shared among the fraternity.