

LAPAROSCOPIC CHOLECYSTECTOMY OTC & ICG GUIDED WORKSHOP HOSPITAL SULTANAH AMINAH JOHOR BAHRU 2023

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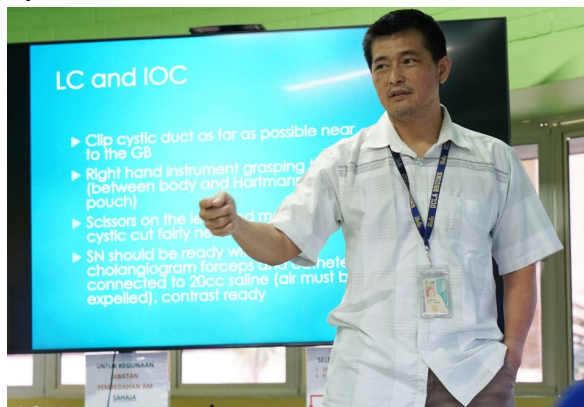
Laparoscopic cholecystectomy is one of the core procedures a surgeon embarks on mastering as they transition from a trainee into a full-fledged general surgeon. For a junior surgeon, approaching a laparoscopy cholecystectomy is akin to stepping into a complex yet exhilarating realm of surgical artistry. It is a journey filled with a mix of anticipation, excitement, and, naturally, a touch of apprehension. Approaching this, a junior surgeon will need to rely on their senior colleagues as guiding lights. In order to further facilitate this, Hospital Sultanah Aminah General Surgery Department's Hepatobiliary (HPB) recently organized a Laparoscopic Workshop on August 9th and 10th 2023.

This live surgery workshop, which is in tandem with others similar continuously organized workshops nationwide, was held to bring together the wisdom of senior surgeons to illuminate the path for their junior counterparts. Seasoned mentors, who were not just instructors, but pillars of support and wisdom, included Mr. Manisekar (national Head of HPB Services), Mr. Leow VH (HPB Consultant USM), Ms. Kharlina (HPB Consultant HSAJB). It was attended by 8 gazetted Surgeons, hailing from tertiary and district hospitals in the state of Johor, as well by 2 final year Surgical Masters trainees. Many medical officers in surgical training, as well as house officers and medical students participated as observers.



The aim of the workshop was to recognize that laparoscopic cholecystectomy carries its own set of risk and intraoperative variables, and, should always be approached with utmost respect for patient safety. Over the course of two intensive days, this workshop proved to be an invaluable experience, blending theory with hands-on learning through live surgery.

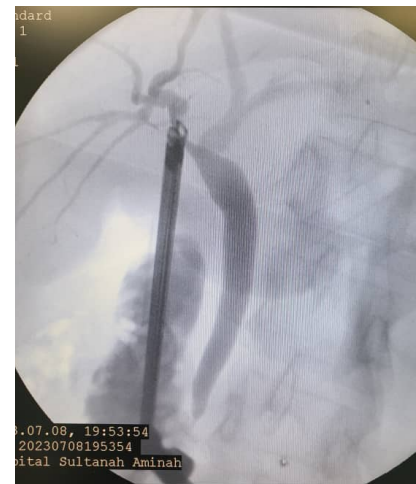
The first day was dedicated to theory and discussion, setting a strong foundation for the second day practical session. The day began with comprehensive review of gallbladder and biliary system anatomy with description of its many often encountered variances. This was followed by a walkthrough on laparoscopic cholecystectomy basics, including how to perform intraoperative cholangiography, and lectures on common errors as well as how to handle unexpected situations. An important segment of the day focused on recognizing and managing complications, especially bile duct injuries.





The second day of the workshop was conducted with the aim of real-time learning. This hands-on approach provided the junior surgeons with the chance to witness the application of the techniques and principles discussed the previous day.

The first case was a demonstration case by Mr. Manisekar, and it gave us all a valuable exposure and reminder to be always on the look-out for anatomical variations. This patient had an uncommon biliary tree variation, where the cystic duct was found to be inserting into the right hepatic duct. The case exemplified the importance of meticulous dissection as per principle, as well as the importance of intraoperative cholangiogram in completing a safe laparoscopic cholecystectomy. Application of ICG apparatus and the biliary tree anatomy visualization had enhanced the participants understanding on the importance structure identification and its relationship



The hands-on training was also a time to expose the junior surgeons to real-time decision making, with consultants by their side, not only providing technical guidance but also a sense of security. Most participants were able to complete their surgeries, and all 10 patients were successfully operated on with no complications.



The day ended with the presentation of gifts and certificates to all facilitators and participants. The Laparoscopic Cholecystectomy Workshop was not just an event, but a transformative experience. It bridged the gap between theory and practice, ensuring surgical skills and competence is passed on to the next generation.

