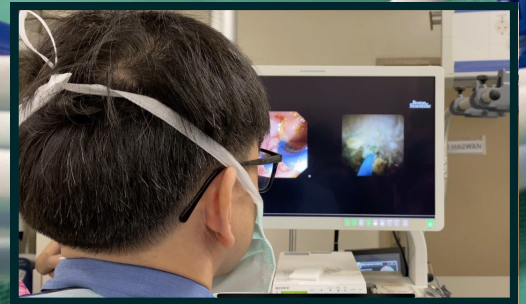


1ST SARAWAK SPYGLASS CHOLANGIOSCOPY COMBINED MINI WORKSHOP *SPY'CLASS' 2023*

27th OCTOBER 2023



**ADVOCATING COLLABORATION + TEAMWORK
THROUGH INCLUSIVE LEARNING**

Peroral cholangioscopy has recently matured as a less invasive technique for direct visualization of the biliary system since its initial introduction in the 1970s. One of the more popular cholangioscopy systems in the current market, the SpyGlass direct visualization system was first launch by Boston Scientific in 2007. Fast forward to 16 years later, further advancement and refinement of the technology has given us access to a more robust, less fragile and less cumbersome single operator system with more selection in accessories. This expanded the repertoire of cholangioscope to not only diagnostic but also therapeutic indications.



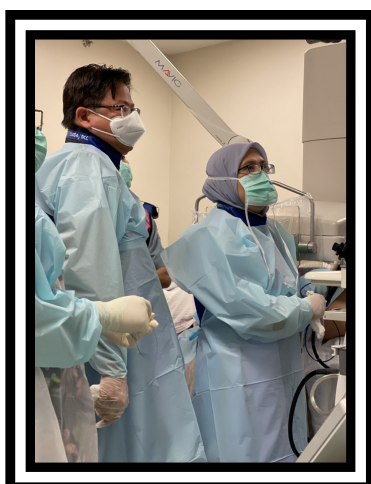
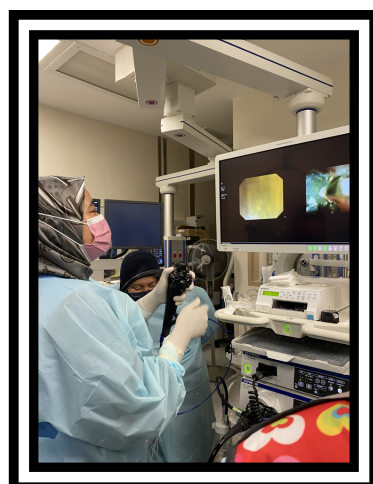
Dr Lee Tiong See on "Introduction to SpyScope"



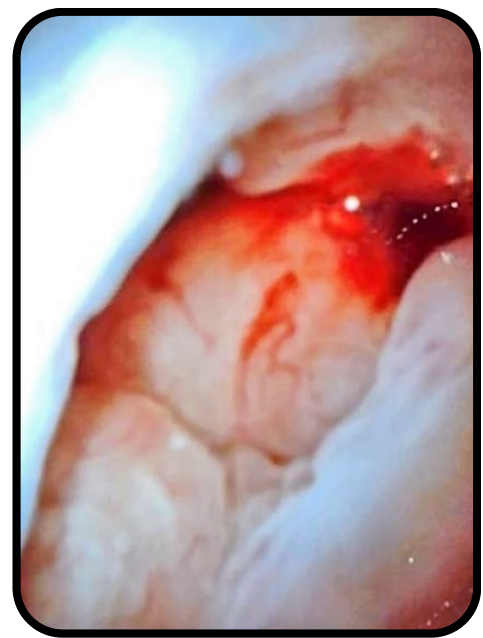
By: Azzyati Dahlan

Recognizing the professional obligation to keep up to date with current innovation and the expanding demand to cater to the need of local population, Hepatopancreatobiliary Surgery Unit and Gastroenterology & Hepatology Unit, Sarawak General Hospital had combined forces to organize its inaugural 1st Sarawak SpyGlass Cholangioscopy Combined Mini Workshop: Spy'Class' 2023 recently. After weeks of planning and facing several trials and tribulations, we managed to overcome the logistic hurdles of arranging the transfer of the third generation SpyScope DSII system across the South China Sea to Kuching. We would like to take this opportunity to show our gratitude to our Urology colleagues for their cooperation in loaning us their Quanta Litho EVO holmium laser system for the benefit of our workshop.

The full day hands-on workshop was held on 27th October at the Endoscopy Suite, Daycare Centre, Sarawak General Hospital with participants from both units. We were fortunate to be able to engage the well known Dr Lee Tiong See, senior consultant gastroenterologist & hepatologist from Hospital Selayang to guide and mentor us during the event.



After a hearty breakfast of local '*kuih-muih*', the workshop commenced with a lecture by Dr Lee titled '*An Introduction to SpyScope*'. The hands-on session started soon after the lecture with participants taking turns performing cholangioscopy under the watchful eyes of Dr Lee. Cases selection comprised of both benign large biliary stones and suspected malignant biliary lesions. The participants learned about system setup, scopes handling and manoeuvring, techniques and tricks, and not forgetting practical utilization of accessories. In between cases, we had a lunch break showcasing local delicacies such as '*ayam pansuh*', '*ikan terubuk*' and '*umai*', before continuing with the remainder of the cases.



Direct visualization of an indeterminate perihilar lesion which turned out to be highly suspicious with neovascularization. The lesion was biopsied using SpyBite by the author.



We concluded the evening with a feedback session over tea. Dr Lee encouraged us to continue with our effort to establish cholangioscopy service locally and proposed that we organize a bigger 2-day event in the near future. At the end of the day, it dawned on us that collaborative effort is our strength to push forward in our endeavour to deliver better healthcare to the estimated 2.9 million local population. In the meanwhile, we will continue to keep the service cogwheel turning with whatever resources currently available in our armamentarium.