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LECTURE Session on Achieving Excellence in Endoscopic Submucosal Dissection (ESD) by Assoc. Prof. Dr. Naohisa Yoshida of Kyoto Prefectural University of Medicine, Japan.

GASTROUITM IMAGE ENHANCED ENDOSCOPY AND THERAPEUTICS WORKSHOP 2025

Dr. Kularaja Krishnan, Dr. Thevaraajan Jayaraman, Dr. Khairil Khuzaini Zulkifli, Dr. Nabilah Izham, Dr. Mohd Hasnul Helmi Zulkifli, Dr. Annamalai Chandramouli & Dr. Rafiz Abdul Rani

The concept of Image Enhanced Endoscopy (IEE) improved exponentially in the last decade with the goal of improving mucosal visualization and enhancing the detection of subtle lesions, particularly pre-cancerous lesions in the oesophagus, stomach, and colon^{1,2}. Advanced imaging technologies such as Narrow Band Imaging (NBI) and Blue Light Imaging (BLI) have revolutionised routine endoscopy by enabling more accurate and detailed assessment of gastrointestinal pathology^{3,4}.

In line with these advancements, the Gastroenterology & Hepatology Unit (GastroUiTM) successfully organised a three-day IEE Workshop from 19 – 21 June 2025. The workshop brought together

gastroenterologists and trainees from across the country. Sessions were conducted at the Bilik Mesyuarat Jabatan Perubatan and the Daycare Endoscopy Centre of Hospital Al-Sultan Abdullah UiTM.

The workshop was co-organised with FUJIFILM Malaysia and FUJIFILM Healthcare Asia Pacific and featured lectures and hands-on sessions led by world





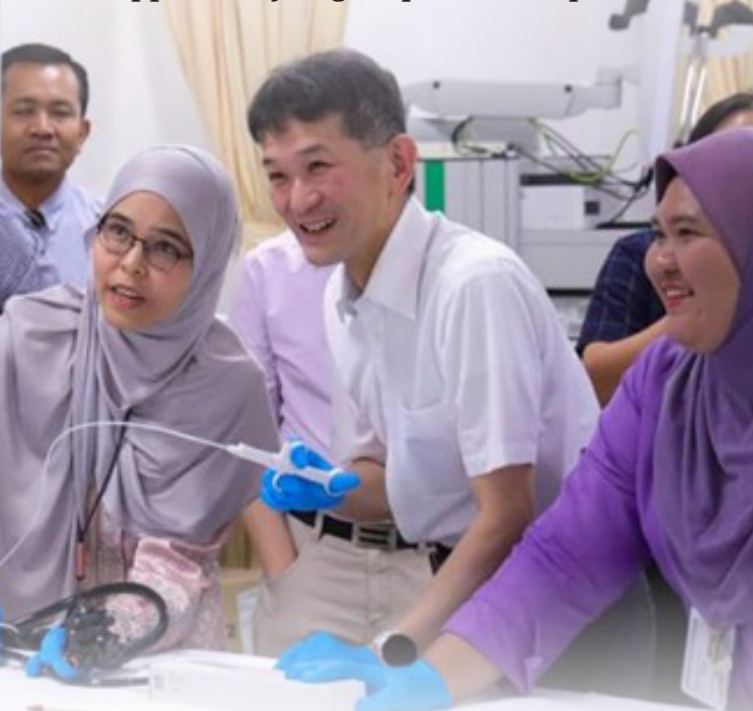
LECTURE session on haemostasis and closure techniques by Asst. Prof. Dr. James Li Weiuan of Sengkang General Hospital, Singapore.



THE hands-on session facilitated by Dr. Rafiz Abdul Rani, who guided participants through colonoscopy techniques using a simulation model

renowned expert gastroenterologists from Japan, Singapore, and Malaysia. Day 1 sees seminal lectures and hands-on sessions led by Assoc. Prof. Dr. Naohisa Yoshida (Kyoto Prefectural University of Medicine, Japan), Clinical Assistant

Professor Dr James Li Weiuan (Sengkang General Hospital, Singapore) and Assoc. Prof. Dr. Ho Shiao Hooi (Universiti Malaya Medical Centre) and the local faculty of Dr. Rafiz Abdul Rani and Dr. Thevaraajan Jayaraman from UiTM. Participants had the opportunity to gain practical experience



HANDS-ON session facilitated by Assoc. Prof. Dr. Naohisa Yoshida guided the participants to perform ESD using a simulation model.

with the latest IEE technologies while engaging in insightful discussions on lesion recognition, classification systems, and real-world clinical applications.

Day-2 were live cases and concluded with case discussions presented by Assoc. Prof. Yoshida, featuring a case series of increasingly complex and challenging real-life cases. These sessions encouraged interactive dialogue and expert input, enriching the learning experience. Day-3 was by invitation, where hands-on sessions on the more advanced ESD and traction techniques were highlighted.

Overall, the workshop successfully met its objectives of increasing awareness of IEE, enhancing knowledge and allowing close interactions with renowned experts. The positive feedback ensures the workshop is on the right track and moving forward.

References:

1. Shahsavari D, et al. Image enhanced colonoscopy: updates and prospects. 2023.
2. Abusuliman M, et al. Advances in gastrointestinal endoscopy: a comprehensive review. 2025.
3. Higurashi T, et al. Comparison of the diagnostic performance of NBI, Laser-BLI and LED-BLI. 2022.
4. Teh JL, et al. Recent advances in diagnostic upper endoscopy. 2020.