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# MED BULL'

FACULTY OF MEDICINE UiTM



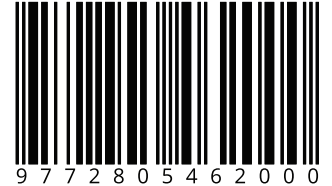
**A new  
column  
inside!**

Featuring  
Assoc. Prof. Dr.  
Norhafiza Razali



**Through the  
Medical Lens**

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# LIVE-SURGERY WORKSHOP HIGHLIGHTS MICROWAVE ABLATION IN GYNAECOLOGICAL MINIMALLY INVASIVE GYNAECOLOGICAL SURGERY

Dr. Zatul Akmar Ahmad, Assoc. Prof. Dr. Bahiyah Abdullah, Dr. Asmahany Asmary, Dr. Erwina Hashim, Dr. Nur Faezza Mohd Mohtar, Dr. Thara Nur Atiqah Abdul Khalid & Dr. Siti Nursofiani Zakaria

On 3 February 2026, a Live-Surgery Workshop on contemporary minimally invasive gynaecological surgery (MIS), featuring microwave ablation (MWA) for selected cases of uterine fibroids and adenomyosis, was hosted by Hospital Al-Sultan Abdullah (HASA). With MWA gaining momentum in Malaysia, the hospital proudly embraces this milestone in uterus-preserving care.

MWA is a thermal ablation technique in which a thin microwave antenna is introduced to the target lesion under either laparoscopic visualisation or ultrasound guidance. Controlled energy delivery generates heat within the



**DR. AHMAD AKRAM OMAR** with the Canyon WSM team, supporting skills transfer and technology adoption in minimally invasive gynaecology.

tissue, inducing coagulative necrosis. Over subsequent weeks to months, the treated tissue typically reduces in volume, with symptom improvement in appropriately selected patients.

The workshop featured Dr Ahmad Akram Omar, Lecturer and Clinical

Specialist from Hospital Universiti Sains Malaysia (HUSM), recognised for advancing the clinical application of MWA in gynaecological MIS in Malaysia. The programme began with an opening lecture covering patient selection, operative planning, safety

considerations, and practical tips for integrating MWA into routine service.

This was followed by two live surgical cases: one involving a uterine fibroid and the other adenomyosis, both managed using minimally invasive MWA techniques. Participants benefited from a real-time audio-visual operating theatre setup, allowing close observation of key steps, including port placement, antenna positioning, energy delivery principles, and intraoperative decision-making.

A total of 25 participants from both the government and private healthcare sectors attended. Beyond live surgery, the workshop served as a platform for

**Ultrasound-Guided Laparoscopy Assisted Microwave Ablation (MWA) for Fibroids / Adenomyosis Live Surgery Workshop 2026**

3rd Feb 2026 (Tuesday)  
8:00 AM - 5:00 PM

Seminar Room, Operation Theatre,  
Hospital Al-Sultan Abdullah, UiTM Puncak Alam  
Department of Obstetrics, Women and Children

**Speaker:**  
Dr. Ahmad Akram Omar  
Lecturer and O&G Specialist  
Hospital Puncak Universiti Sains  
Malaysia (HUSM), Kelantan

EVENT PROGRAM	
8:00 - 8:30 am	Breakfast and Registration
8:30 - 9:00 am	Introduction on Microwave Ablation by Dr. Ahmad Akram Omar
9:00 - 11:00 am	1 <sup>st</sup> Live Surgery MWA Fibroid Case
11:00 am - 1:00 pm	2 <sup>nd</sup> Live Surgery MWA Adenomyosis Case
1:00 - 2:00 pm	Lunch
2:00 - 3:00 pm	Q&A Session Certificate Ceremony

For registration, kindly contact:  
- Ms. Nur : +60 12-921 6101  
- Mr. Ammar : +60 12-912 2933  
- Mr. Azri : +60 12-926 6377

Registration fee: RM 200

**ULTRASOUND-GUIDED, laparoscopy-assisted Microwave Ablation (MWA) Live Surgery Workshop 2026**, hosted by Hospital Al-Sultan Abdullah (HASA), UiTM Puncak Alam.

professional exchange on current MIS practices and implementation challenges across different centres. Attendees also participated in a hands-on practical station, where they could

handle and familiarise themselves with the MWA devices, reinforcing learning through direct interaction.

The programme's success reflected careful planning and strong multidisciplinary collaboration. The organising committee thanks all teams involved—including Canyon WSM, the anaesthesia and operating theatre team, and TRIpIc—for ensuring the event ran smoothly. This workshop marks a proud milestone for the department and HASA, reinforcing their commitment to evidence-based practice, expanding safe treatment options for women, and delivering high-quality care and education.



**HANDS-ON** learning at the demonstration station, participants familiarise themselves with the MWA equipment and ultrasound-guided techniques.



**LIVE** surgery in action. The OT team demonstrate laparoscopic-assisted MWA workflow and real-time decision-making.