

JULY 3 – 5, 2024
MANILA,
PHILIPPINES

The Fourth

International Training Workshop

on Focused Ultrasound Therapy for Tumors

High Intensity Focused Ultrasound (HIFU) Therapy



Training Venue: St. Luke's Medical Center – Global City

Organized by

International Society of Minimally Invasive and Virtual Surgery
St. Luke's Medical Center – Global City



About HIFU

High Intensity Focused Ultrasound (HIFU) refers to the noninvasive therapeutic technology that concentrates the energy of extracorporeal low-intensity ultrasound beams onto the targeted lesions inside the body, resulting in a rapid temperature rising up to 65-100 °C at the focal point and an induction of irreversible coagulative necrosis without damaging the surrounding tissues.

Indications

Solid tumors such as liver tumor, pancreatic tumor, kidney tumor, bone tumor, uterine fibroids, etc.; and adenomyosis.

Advantages of HIFU

- Non-invasive treatment
- Anti-tumor immunity activated
- Minor complications compared to conventional surgeries
- No risk of iatrogenic infection
- Shorter hospital stay
- Faster recovery after treatment
- No blood transfusion required
- Single-session treatment in most cases



About the Training Workshop

International Training Workshop on Focused Ultrasound Therapy for Tumors provides training courses on High Intensity Focused Ultrasound (HIFU) therapy for clinicians including obstetricians and gynecologists, oncologists, surgeons, interventional radiologists, etc. Collaborated with different institutions worldwide, it has been implemented for 7 sessions since 2012, covering both theoretical training and clinical practice, and having trained 176 doctors from 42 countries. In 2018, this Workshop for the first time went abroad to Cairo, Egypt and continued its overseas education in Johannesburg, South Africa in 2019. As the COVID-19 pandemic had hit the world for nearly three years, the Workshop was restarted on November, 2022 in Malacca, Malaysia.

This year, the International Training Workshop on Focused Ultrasound Therapy for Tumors will kick off in Manila, Philippines from July 3 to 5, 2024.

Regional Conference before the Workshop



ISMIVS Regional Meeting in *MANILA*:
Strategies and Advancements in Minimally
Invasive and Noninvasive Surgery



DATE:
JULY 3,
2024

*Details and line-up are coming soon, stay tuned!

Past Workshops



2022 Training Workshop (Malacca, Malaysia)



2019 Training Workshop (Johannesburg, South Africa)



2018 Training Workshop (Cairo, Egypt)

Training Schedule (Tentative)

	MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6	7
AM			Lectures	Clinical Application & Protocol	Live Treatment	Departure	
PM		Arrival & Registration	Lectures	Hands-on Practice	Hands-on Practice		

Curriculum Provision (Tentative)

Part I – Theoretical Courses

1. System introduction: structure of the equipment and the working principle of subsystems; energy output of transducer; demonstration of operating the system, software and device;
2. International application of HIFU: An overview;
3. Treatment procedure video study;
4. MRI reading, MRI features of normal uterus and uterine fibroids, and differentiation of benign and malignant tumors;
5. Treatment strategies and fertility protection for adenomyosis;
6. Sedation and analgesia planning for HIFU ablation;
7. Nursing for HIFU treatment of uterine fibroids or adenomyosis;
8. The physics and biological effect of HIFU ablation;
9. HIFU treatment of uterine fibroids: Clinical protocol;
10. Clinical application of focused ultrasound therapy in cervical and vulvar diseases;
11. Complications of HIFU treatment;

Part II – Hands-on practice on HIFU System

Part III – Hands-on practice on simulation software

Part IV – Case study & clinical application



Lecturer Team (Tentative)



Prof. Philippe Descamps
Gynecologist, Angers University Hospital (France)



Prof. Tanto Cheung
Surgeon, Queen Mary Hospital (Hong Kong, China)



Prof. Aranya Yantapant
Gynecologist, Rajavithi Hospital (Thailand)



Prof. Hamed Mohamed
Radiologist, Cairo University (Egypt)



Dr. Sevellaraja Supermaniam
Gynecologist, Mahkota Medical Center (Malaysia)



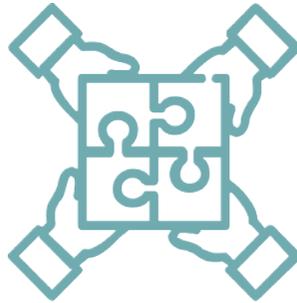
Prof. Zhang Lian
Director, Chongqing Haifu Hospital (China)



Dr. Min He
Training Director/HIFU Specialist, National Research Center of Ultrasound Medicine (China)



Dr. Wang Xi
HIFU Specialist, National Research Center of Ultrasound Medicine (China)



How to apply

Application is open from March 25th to May 20th, 2024. Please send your CV to hannahxu@isminim.org by the termination date.

20 trainees will be admitted for the Training Workshop after screening, and the admission/rejection shall be confirmed by email notification before June 1st.

*Lunches during training days will be provided; and for trainees dwelling outside Manila, 4-nights accommodation will be covered by the organizer.

Eligibility for Applicants

2024 Training Workshop is open to gynecologists, obstetricians, oncologists, interventional radiologists, and surgeons who are interested in the noninvasive technology, high intensity focused ultrasound (HIFU). Applicants shall meet the following requirements:

- Hold a valid practicing certificate;
- Be familiar with ultrasound imaging;
- Be fluent in English;
- Be in a good health status.

About the Organizers



St. Luke's Medical Center – Global City

St. Luke's Medical Center lives up to its reputation of pioneering healthcare services with state-of-the-art facilities that are first-of-its-kind in the Philippines. Using advanced medical technology, St. Luke's-Global City opens the country's first and only facility specializing in High-Intensity Focused Ultrasound (HIFU) since Feb, 2023. The unit performs a non-surgical treatment modality that uses an extracorporeal focused ultrasound beam to generate heat, destroying solid tumors—whether malignant or benign. HIFU technology is revolutionizing the treatment of patients with uterine myoma, adenomyosis and liver tumors. It is a better alternative for patients who do not want surgery and those who are not in good physical condition for conventional surgical treatment.





International Society of Minimally Invasive and Virtual Surgery **(ISMIVS)**

The International Society of Minimally Invasive and Virtual Surgery (ISMIVS), previously known as International Society of Minimally Invasive and Noninvasive Medicine, was founded in July 2013 in Chongqing, China. ISMIVS' vision is to accelerate the development of minimally invasive and noninvasive medicine through the clinical research, training, academic communications, and international collaborations. ISMIVS has convened 5 sessions of Yangtze International Summit on Minimally Invasive and Noninvasive Medicine. The current president is Prof. Philippe Descamps from Angers University Hospital, France.

Visit us on www.isminim.org

For more information, please contact Ms. Hannah Xu

Email: hannahxu@isminim.org

WhatsApp: +86 15823815650

