Hyperbaric & Diving Medicine Centre

Singapore General Hospital
SingHealth

SINGAPORE HYPERBARIC & UNDERWATER MEDICINE COURSE

24 – 28 August 2026 | Academia | Singapore General Hospital



Welcome Address

Welcome to the 16th edition of the Singapore Hyperbaric and Underwater Medicine Course (SHUMEC), jointly organised by the Republic of Singapore Navy (RSN) and Singapore General Hospital (SGH).

This one-week course integrates didactic lectures with site visits to the SGH Hyperbaric and Diving Medicine Centre and the RSN Naval Hyperbaric Centre. Through close RSN–SGH collaboration, the programme combines expertise in diving and hyperbaric medicine to advance clinical practice in underwater medicine.

Participants will develop a strong foundation in diving and hyperbaric medicine, including training in the assessment of divers and compressed air workers and the management of diving emergencies. Upon completion, participants practising in Singapore may apply for registration as a Designated Workplace Doctor (Compressed Air Works) with the Ministry of Manpower (MOM).

The SHUMEC curriculum is currently undergoing accreditation renewal for UK Diving Medicine Advisory Council (DMAC) Level 1 requirements and is delivered by an experienced faculty from RSN, SGH, and local experts.

The Asian Hyperbaric and Diving Medical Association (AHDMA) Annual Scientific Meeting will be held in Singapore from 20–23 August 2026, immediately preceding SHUMEC. Co-organised by RSN, SGH, and AHDMA, the meeting features pre-conference workshops, keynote lectures, scientific presentations, and a formal dinner. Discounts for registration fees will be available for SHUMEC participants.

We look forward to welcoming you to Singapore.

COL (DR) KWEK WEI MING JAMES
Co-Course Director, SHUMEC 2026
Chief Naval Medical Officer
Republic of Singapore Navy

DR NG VON VEE
Co-Course Director, SHUMEC 2026
Director, Hyperbaric & Diving Medicine Centre
Consultant, Department of Anaesthesiology
Singapore General Hospital

Core Faculty

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COL (Dr) Kwek Wei Ming James

Chief Naval Medical Officer, HQ Navy Medical Service, Republic of Singapore Navy
SAF Diving and Hyperbaric Medicine Consultant
Visiting Specialist in Otorhinolaryngology Head and Neck Surgery, Changi General Hospital
Visiting Consultant, Hyperbaric and Diving Medicine Centre, Singapore General Hospital

A/Prof Soh Chai Rick

Senior Consultant, Department of Anesthesiology, Singapore General Hospital

LTC (Dr) Tan Zhi Xiang

Deputy Chief Naval Medical Officer, HQ Navy Medical Service, Republic of Singapore Navy
SAF Diving and Hyperbaric Medicine Consultant
Visiting Consultant, Hyperbaric and Diving Medicine Centre, Singapore General Hospital

Dr Ng Von Vee

Director, Hyperbaric and Diving Medicine Centre
Consultant, Department of Anesthesiology, Singapore General Hospital

LTC (Dr) Lim Shang Cong

Head Naval Underwater and Medicine Centre, HQ Navy Medical Service, Republic of Singapore Navy
SAF Diving and Hyperbaric Medicine Consultant
SAF Psychiatrist
Visiting Consultant, Institute of Mental Health

Dr Kim Soo Joang

Principal Resident Physician, Hyperbaric and Diving Medicine Centre, Singapore General Hospital

Course Lecturers

Course Lecturers to be announced at a later date.

Programme

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- *Opening Address /Intro to Underwater Medicine*
- *Diving Medicine Physics and Laws in Diving Medicine*
- *Diving-related Physiology*
- *Non-Dysbaric Diving Pathologies*
- *Pathophysiology of Decompression*
- *Pressure and Gas Effects*
- *Acute & Chronic Diving Disorders*
- *Immediate management of decompression illness: recompression tables and strategies*
- *Hyperbaric Physiology of Immersion*
- *Medication Under Pressure*
- *Common ENT problems in Diving*
- *Hyperbaric Physiology of Immersion*
- *Clinical Applications & Contraindications of HBOT*
- *Medical Standards for Fitness to Dive*
- *Site Visit to SGH HDMC*
- *Site Visit to Naval Hyperbaric Centre*
- *Practical Examination of Fitness to Dive Assessment*
- *Recreational Dive Equipment*
- *Physiological and Pharmacological Basis of Hyperbaric Oxygen Therapy (HBOT)*
- *Oxygen Toxicity*
- *Wound care and HBOT*
- *Saturation Diving / Diving Procedures & Characteristics of various divers*
- *Basic Safety Planning (CAW)*
- *Compressed Air Works*
- *Responsibilities of DWD*
- *Dive Table and Dive Computers*
- *Diving Equipment*
- *Current Issues of Diving*
- *Online Test*
- *Debrief and Feedback*
- *Certification Presentation*

**Programme is subject to change.*
**CME Application is in progress.*

Registration Details

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CRITERIA

- Fluent in English
- Medical Doctors

IT REQUIREMENTS

- To access E-learning materials and online assessments, all course participants are required to have personal internet access via a suitable laptop/tablet for the duration of the course.

REGISTRATION

- SGD $1800 (Exclusive of GST)
- Early bird registration SGD $1500 (Exclusive of GST) for registration before **28 April 2026**.
- Please fill up the **eRegistration** form or scan the QR code to pre-register. The secretariat will subsequently inform the applicant of the payment required.
- The participant's registration will be confirmed upon receipt of full payment for the course.
- The course organisers will ensure adequate notice of confirmation and interested participants are strongly encouraged to submit their registration form early.

for.sg

https://for.sg/shumec-2026-reg-form

REGISTRATION CLOSING DATE

- Registration closes on **1 July 2026** or when registration is full.

CANCELLATION CLAUSE

- The course organisers reserve the right to cancel or postpone the course in the event of unforeseen circumstances.
- Any cancellation or replacement must be conveyed to the secretariat in writing. There will be no refund of registration fee if cancellation is made on or after **13 July 2026**.

PERSONAL DATA PROTECTION

- By providing the information for registration, you confirm that you have read, understood and consent to the SingHealth Data Protection Policy, a copy of which is available at https://www.singhealth.com.sg/pdpa.
- Please note that photographs and videography may be taken during this event for publicity and training purposes.

For enquires, please email pgmi.courses@sgh.com.sg

Organising Secretariat

SGH PGMI
Postgraduate Medical Institute