



Hyperbaric & Diving Medicine Centre



Singapore
General Hospital
SingHealth

SINGAPORE HYPERBARIC & UNDERWATER MEDICINE COURSE

14 – 18 November 2022 | Academia |
Singapore General Hospital



Welcome Address

Welcome to the 12th Singapore Hyperbaric and Underwater Medicine Course (SHUMEC), jointly organized by the Republic of Singapore Navy (RSN) and Singapore General Hospital (SGH). The course will be conducted from 14 to 18 November 2022.

The RSN and SGH have been in partnership since 2008 to advance the knowledge and clinical practice of Underwater Medicine in Singapore. This collaboration has brought together the Navy's experience in Diving Medicine, and SGH's expertise in Hyperbaric Medicine and multi-disciplinary patient management.

SHUMEC's teaching faculty comprises Singapore's leading practitioners in the field of Diving and Hyperbaric Medicine from the RSN, SGH and our key partners. Participants will gain a strong foundation in the practice of Diving and Hyperbaric Medicine, and obtain the necessary knowledge to perform assessments for divers and workers involved in compressed air works.

Participants that complete the course may apply for registration as a Designated Workplace Doctor (Compressed Air Works) with the Ministry of Manpower (MOM).

We are confident that this course will equip you with essential knowledge in diving and hyperbaric medicine that will be useful in your clinical practice.

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Co-Course Director, SHUMEC 22
Chief Naval Medical Officer
Republic of Singapore Navy

DR SEE HOOI GEOK
Co-Course Director, SHUMEC 22
Director, Hyperbaric & Diving Medicine Centre
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Core Faculty

COL (Dr) David Law

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*Consultant Ear, Nose & Throat Surgeon, Starlight
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*Specialist Physician, The Occupational and Diving
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SLTC (Dr) James Wei Ming Kwek

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LTC (Dr) Ho Boon Hor

*Head Vision Performance Center, Military Medicine
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Dr See Hooi Geok

*Director, Hyperbaric and Diving Medicine Centre
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A/Prof Soh Chai Rick

*Chairman, Division of Anaesthesiology &
Perioperative Medicine
Senior Consultant, Department of Anesthesiology,
Singapore General Hospital*

Dr Tay Yoong Chuan

*Director, Ambulatory Surgery Centre
Senior Consultant, Department of Pain, Singapore
General Hospital
Director, Women's Pain Centre, KK Women's and
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Dr Ng Von Vee

*Consultant, Department of Anesthesiology,
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Dr Kim Soo Joang

*Principal Resident Physician, Hyperbaric and Diving
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Dr Lucy Leong

*Consultant (Occupational Medicine), OSH Specialist
Department, Occupational Safety and Health
Division, Ministry of Manpower*

Programme

14 November, Monday

Opening Address /Intro to Underwater Medicine

Diving-related Physiology

Hyperbaric Physics

Hyperbaric Physiology of Immersion

Pathophysiology of Decompression

Pressure and Gas Effects

Acute & Chronic Diving Disorders

Immediate management of decompression illness: recompression tables and strategies

15 November, Tuesday

Common ENT problems in Diving

Non-Dysbaric Diving Pathologies

Medical Standards for Fitness to Dive

Medication Under Pressure

Diving Incidents and Accidents

Saturation Diving

Diving Procedures & Characteristics of various divers

16 November, Wednesday

Visit to SGH HDMC

Visit to Navy Camp

Practical Examination of Fitness to Dive Assessment

Bounce Dive / Recreational Dive Equipment

17 November, Thursday

Physiological and Pharmacological Basis of HBOT

Oxygen Toxicity

Compressed Air Works

Responsibilities of DWD

Clinical Applications & Contraindications of HBOT

Wound care and HBOT

Wound care and HBOT case studies

Basic Safety Planning (CAW)

18 November, Friday

Dive Table and Dive Computers

Diving Equipment

Online Test

Debrief and Feedback

Certification Presentation

*Programme is subject to change.

*CME Application is in progress.

Registration Details

Criteria

- Fluent in English
- Fully vaccinated against COVID-19¹

Limited seats available

Please note that pre-registration is required by submitting the registration form to SGH PGMI. SGH PGMI 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.

Please note that the course will only proceed if there is a minimum of 20 participants.

Registration

- SGD \$1400 (Exclusive of GST) – 14% discount (\$1200) for early bird registration before **16 September 2022**.
- Please fill up the [eRegistration form](#), and the secretariat will inform you of your registration status later.

Registration Closing Date

Registration closes on **14 October 2022** or when registration is full.

Cancellation Clause

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 **22 October 2022**.

PDPA Notices

- 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

¹Fully vaccinated i.e. has received the full regimen of Pfizer/BioNTech Comirnaty, Moderna or WHO Emergency Use List (EUL) vaccines, with an additional two weeks for the vaccine to be fully effective.

Organising Secretariat

