

NATIONAL NEUROMODULATION COURSE 2026

**ELECTROCONVULSIVE THERAPY (ECT) &
TRANSCRANIAL MAGNETIC STIMULATION (TMS)**



CONSERVE CIRCUITRY, REINTEGRATE CAPACITY

**11-13 May 2026
AC Hotel by Marriott Kuala Lumpur**

20 CPD POINTS



**SCAN THE QR CODE
TO REGISTER**



MESSAGE FROM HEAD OF SYNAPSE



DR. KENNY ONG KHENG YEE
CONSULTANT NEUROPSYCHIATRIST
HEAD OF SYNAPSE
HOSPITAL KUALA LUMPUR

As we move forward, advances in neuromodulation therapies continue to expand with better and safer approaches and techniques. SYNAPSE has been providing services for Electroconvulsive Therapy (ECT), Transcranial Direct Current Stimulation (tDCS) and most recently Transcranial Magnetic Stimulation (TMS). TMS, a pioneer service for our psychiatry fraternity in HKL as well as for the Ministry of Health Malaysia operates in line with SYNAPSE motto 'Conserve Circuitry, Reintegrate Capacity'.

ECT is principally our core procedure and as such all psychiatrists should be appropriately credentialed and privileged in their respective hospitals. The objectives of this course are to standardise the practice of ECT in Malaysia, and to impart proper comprehension on ECT documentation, competency assessment and service monitoring based on the Guideline on ECT for Ministry of Health. It is essential to ensure that we continually strive to improve the quality of our ECT services and to prioritise our patients' care and safety.

Like previous years, in this course, we trust that your theoretical knowledge would be broadened and your practical skills in ECT be refined. Do learn (or relearn) and adopt the right fundamental art of ECT, and keep learning to advance your practice. Be the trainer and train others. With that, I look forward to seeing you all in May 2026, both the young and senior ones.

*'One learns from books and example only that certain things can be done.
Actual learning requires that you do those things'*
Frank Herbert

WELCOME MESSAGE BY ORGANISING CHAIRPERSON & VICE CHAIRPERSON



DR. AFIQ FIKRI AZMI
ORGANIZING CHAIRPERSON
FELLOW NEUROPSYCHIATRY
HOSPITAL KUALA LUMPUR



DR. GAN YI XIANG
VICE ORGANIZING CHAIRPERSON
MEDICAL OFFICER
HOSPITAL KUALA LUMPUR

Welcome to the National Neuromodulation (ECT & TMS) Course 2026, held at the AC Hotel by Marriott Kuala Lumpur from 11-13 May 2026.

SYNAPSE Hospital Kuala Lumpur led the development of the Ministry of Health Guideline on Electroconvulsive Therapy (published November 2021) and has since conducted annual national courses to strengthen understanding of ECT, encompassing its theoretical basis, clinical practice, and policy framework, with the aim of promoting standardized, high-quality care.

With the launch of Malaysia's pioneer Transcranial Magnetic Stimulation (TMS) service at SYNAPSE in 2025, this year's course expands to include core TMS principles, approved indications, treatment protocols, clinical case discussions, and live procedure demonstrations.

Guided by our mission—"Conserve Circuitry, Reintegrate Capacity"—this course offers a platform to enhance clinical expertise while engaging with experts and representatives from leading ECT and TMS companies, in exploring cutting-edge technologies available in Malaysia, and seek clarity on equipment selection, safety, and procedural considerations.

We look forward to an enriching and collaborative learning experience.

DISTINGUISHED SPEAKERS



DR. KENNY ONG KHENG YEE
CONSULTANT NEUROPSYCHIATRIST
HEAD OF SYNAPSE, HOSPITAL KUALA LUMPUR



DR. SITI HAJAR HARYATI BINTI FAUZI
CONSULTANT ANAESTHESIOLOGIST & CRITICAL CARE
UNIVERSITI PERTAHANAN NASIONAL MALAYSIA



DR. CHHOA KENG HONG
CONSULTANT NEUROPSYCHIATRIST
HOSPITAL UMUM SARAWAK, SARAWAK



DR. FAIZ BIN RUSLI
CONSULTANT ANAESTHESIOLOGIST & CRITICAL CARE
HOSPITAL KUALA LUMPUR



DR. SITI NOR FADHLINA BINTI MISRAN
CONSULTANT NEUROPSYCHIATRIST
HOSPITAL PERMAI, JOHOR



DR. CHIN HAN LIM
CONSULTANT NEUROPSYCHIATRIST
HOSPITAL RAJA PERMAISURI BAINUN, PERAK

DISTINGUISHED SPEAKERS



DR. JAMALINE CHONG QIAN ZHEN
FELLOW NEUROPSYCHIATRY
HOSPITAL PERMAI, JOHOR



DR. NORMALA BINTI SORIKAN
FELLOW NEUROPSYCHIATRY
HOSPITAL SULTANAH AMINAH, JOHOR



AMO AWANG ZAINAL ABIDIN BIN AWANG AMAN
ECT CO-ORDINATOR
SYNAPSE, HOSPITAL KUALA LUMPUR



AMO AHMAD FUAD BIN MUHAMAD
ECT CO-ORDINATOR
SYNAPSE, HOSPITAL KUALA LUMPUR



SN SITI FATIMAH BINTI SULAIMAN
ECT CO-ORDINATOR
SYNAPSE, HOSPITAL KUALA LUMPUR



AMO ABDUL AZIZ BIN MANAB @ IBRAHIM
HEAD OF ECT CO-ORDINATOR
SYNAPSE, HOSPITAL KUALA LUMPUR

11 MAY 2026 | DAY 1

0800-0830

**Registration & Pre-test
Questionnaire**

Committee

0830-0845

**Introduction to Guideline on
ECT**

Dr. Kenny Ong

0845-0905

**Indications of ECT
[Section 1.1]**

Dr. Jamaline Chong

0905-0925

**Electrophysiology in ECT
[Section 1.2]**

Dr. Siti Nor Fadhlina

0925-0945

**Adverse Events
[Section 1.3]**

Dr. Normala Sorikan

0945-1015

BREAK/Drug Talk



1015-1045

**Pharmacotherapy in ECT
[Section 1.4]**

Dr. Chin Han Lim

1045-1130

**Special Populations
[Section 1.5]**

Dr. Jamaline Chong

1130-1200

**Placement of ECT Electrodes
[Section 2.1]**

Dr. Siti Nor Fadhlina

1200-1300

**Stimulus Dose Strategy
[Section 2.2]**

Dr. Chhoa Keng Hong

1300-1400

LUNCH



11 MAY 2026 | DAY 1

1400-1530

Concurrent Station 1 & 2

STATION 1

Demonstration on Electrode Placement

Dr. Siti Nor Fadhlina
Dr. Jamaline Chong
AMO Ahmad Fuad
SN Siti Fatimah

STATION 2

Administration & Maintenance of ECT Machines

Dr. Chhoa Keng Hong
Dr. Chin Han Lim
AMO Awang Zainal Abidin

1530-1600

BREAK



POLICIES & PROCEDURES IN ECT

1600-1620

Video Demonstration on ECT Procedure in SYNAPSE HKL

Committee

1620-1640

Legislation & Consent in ECT [Section 3.1]

Dr. Normala Sorikan

1640-1700

Review & Monitor ECT Service [Section 3.2]

Dr. Chin Han Lim

1700

END OF DAY 1

12 MAY 2026 | DAY 2

TRANSCRANIAL MAGNETIC STIMULATION (TMS)

0800-0830

Registration

Committee

0830-0845

Fundamentals of TMS

Dr. Kenny Ong

0845-0900

Risks & Side Effects of TMS

Dr. Kenny Ong

0900-0945

**Clinical Scenarios:
Indications, Treatment
Protocols & Outcomes (1)**

Dr. Kenny Ong

0945-1015

BREAK



1015-1100

**Clinical Scenarios:
Indications, Treatment
Protocols & Outcomes (2)**

Dr. Kenny Ong

1100-1130

**TMS Service in SYNAPSE,
Hospital Kuala Lumpur**

Dr. Kenny Ong

1130-1230

**Demonstration of TMS
Devices**

**Representatives from
DanMedik & MKS Medic**

1230-1400

LUNCH SYMPOSIUM



12 MAY 2026 | DAY 2

POLICIES & PROCEDURES IN ECT (continued)

1400-1430

Monitor Staff Competence
[Section 3.3]

Dr. Chhoa Keng Hong
AMO Ahmad Fuad

1430-1445

Monitor ECT Accreditation
[Section 3.4]
Provide ECT Training
[Section 3.5]
Research & Monitoring
[Section 3.6]

Dr. Chhoa Keng Hong

1445-1605

Concurrent Station 3 & 4

Case application on:

- **ECT Information Sheet**
- **Consent forms**
- **ECT-PRESCRIBE form**
- **Schedule on ECT Cases**
- **ECT-SESSION form (Section 1)**
- **ECT-SESSION form (Section 2)**

Dr. Chin Han Lim

Dr. Normala Sorikan

SN Siti Fatimah

STATION 3

STATION 4

Case application on:

- **ECT-SESSION form (Section 3)**
- **Demonstration on Time Out**
- **ECT-SESSION form (Section 4)**

Dr. Siti Nor Fadhlina

Dr. Jamaline Chong

AMO Awang Zainal

Abidin

12 MAY 2026 | DAY 2

1605-1620

BREAK



1620-1700

STATION 5

Practical application on:

- **Assessment Report on Practicality in ECT**
- **Logbook on ECT**
- **ECT Time-Out Audit Report**

Dr. Chhoa Keng Hong
Dr. Siti Nor Fadhlina
Dr. Chin Han Lim
Dr. Jamaline Chong
Dr. Normala Sorikan

1700

END OF DAY 2

13 MAY 2026 | DAY 3

0800-0820

**Registration & Post-test
Questionnaire**

Committee

0820-0840

**Continuation & Maintenance ECT
[Section 2.4]**

Dr. Chin Han Lim

0840-0925

**Practical Aspects of Anaesthesia
[Section 2.3]**

Dr. Siti Hajar Haryanti

0925-1010

Anaesthesia aspects on:

- **Monitor Staff Competence**
- **Discharge criteria post-ECT**
- **Logbook on Privileging Non-Anaesthetist Medical Officer**
- **Providing Sedation in ECT**

Dr. Faiz bin Rusli

1010-1030

BREAK



Dr. Chhoa Keng Hong

Dr. Siti Nor Fadhlina

Dr. Chin Han Lim

Dr. Jamaline Chong

Dr. Normala Sorika

1030-1230

Case Scenarios:

**NEARS & ECT-related
issues**

1230-1300

**Feedback on Pre-test &
Post-test Questionnaires
Prize-giving for winners**

Dr. Kenny Ong

1300

LUNCH & END OF DAY 3



Registration Fee	Delegate Category	Malaysian (RM)	International Delegate (USD)
EARLY BIRD (Full payment by 15 April 2026)	Professor/Associate Professor/Specialist/ Gazetting Specialist	500	200
	Medical Officer/Registrar/ Post Graduate Trainee	400	150
	Allied Health Staff	300	100
STANDARD (Full payment after 15 April 2026)	Professor/Associate Professor/Specialist/ Gazetting Specialist	550	250
	Medical Officer/Registrar/ Post Graduate Trainee	450	200
	Allied Health Staff	350	150

REGISTRATION PAYMENT DETAILS

Account Name: KUALA LUMPUR MENTAL HEALTH CONFERENCE C/O BADAN KEBAJIKAN PSIKIATRI

Account Number: 8000512702

Bank Name: CIMB BANK

Bank Address: CIMB BANK BERHAD (13491-P), C04-05, CONCOURSE LEVEL PETRONAS TOWER 3, SURIA KLCC, JALAN AMPANG 50088, KUALA LUMPUR, MALAYSIA.

An email confirming the registration payment will be sent upon receipt of full payment.

Please bring along the email confirmation slip and present it to the secretariat on the day of the course.

Paid registration fee is not refundable.

For further information, please email at neuromod26@gmail.com or contact:

Dr. Umar +6017-6605449 or

Mr Abdul Aziz +6019-4486027

ORGANISING COMMITTEE

Course Advisor: Dr. Kenny Ong Kheng Yee

Chairperson: Dr. Afiq Fikri Bin Azmi

Vice Chairperson: Dr. Gan Yi Xiang

Secretary: Dr. Mohamad Umar Azree Bin Mohd Hairani

Treasurer: SN Norhayati Bt Mohd Sharif

Committee Members:

Dr. Jamaline Chong

Dr. Shaheena Sanggeth

Dr. Arvind Rao AL Ramarav

Dr. Deepa AP Sreenivsan

Dr. Aysha Sofea Binti Ahmad Sharudin

Dr. Chen Yit Hern

AMO Abdul Aziz Bin Manab @ Ibrahim

AMO Mohamad Syafiq Bin Johne

AMO Ahmad Fuad Bin Muhammad

AMO Awang Zainal Abidin b. Awang Aman

AMO Mohd Arif Bin Jaafar

AMO Ahmad Fakhrul Bin Abdul Kadir

AMO Muhammad Akmal Izzat Bin Sazizan

AMO Muhammad Khairul Azri Bin Mohamed

AMO Mohammad Syafiq Bin Rozhali

SN Azlina Binti Abdul Aziz

SN Nur Asilah Binti Ramli

SN Wan Asmida Noorain Binti Wan Mat Zaki

SN Norlismaliza Binti Azmi

SN Siti Fatimah Binti Sulaiman