



# NATIONAL NEUROMODULATION COURSE 2024

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

**CONSERVE CIRCUITRY, REINTEGRATE CAPACITY**

**10-12 JUNE 2024**

AC HOTEL

BY

MARRIOTT KUALA LUMPUR



REGISTRATION



INFO UPDATE

20 CPD POINTS



# WELCOME EVERYONE !



**DR. SIVENANTHINI PURANA  
VISVANATHAN**

**ORGANISING  
CHAIRPERSON**



**DR. CHEE JIUNN HENG**

**VICE CHAIRPERSON**

We are delighted to invite you to the National Neuromodulation (ECT & TMS) Course 2024 which will be held in AC Hotel by Marriott Kuala Lumpur on the 10th to 12th June 2024.

SYNAPSE (Neuropsychiatry Center for Neuromodulation Therapies) Hospital Kuala Lumpur spearheaded the production of the Guideline on Electroconvulsive Therapy for Ministry of Health and successfully published it in November 2021. Since its launch, we have conducted annual courses to highlight the basis, practicality, and policies on ECT. If you are unsure of the practical aspects of ECT, what policies are in place, and the roles and responsibilities of every healthcare worker in the ECT Suite, this is the platform to clarify your doubts and fill in your knowledge gaps.

For this year, our course incorporates TMS, another neuromodulation therapy apart from ECT. You will have the opportunity to learn about the basic understanding of TMS, its FDA-approved indications, and workflow for TMS therapy. With our SYNAPSE motto 'Conserve Circuitry, Reintegrate Capacity,' we strive to preserve our patients' residual neuronal circuitry with these neuromodulation therapies, the purpose of which is to integrate them back to their functional capacity as much as possible.

During the course, you will also meet the experts from different ECT and TMS companies. This is your opportunity to find out about the latest machines available in Malaysia and enquire any uncertainties.

Keen to fine-tune your competency in prescribing and administering ECT, and acquire more insights on TMS? Join us then! We look forward to meeting you in person this June.



# ***DISTINGUISHED SPEAKERS***



**Dr. Kenny Ong Kheng Yee**  
Consultant  
Neuropsychiatrist  
Head of SYNAPSE, HKL



**Dr. Chee Kok Yoon**  
Consultant  
Neuropsychiatrist  
Head of NEURON, HKL



**Prof. Dr. Mazlina binti Mazlan**  
Consultant  
Rehabilitation Physician  
University Malaya



**Dr. Siti Hajar Haryati binti Fauzi**  
Consultant  
Anaesthesiologist & Critical Care  
HKL



**Dr. Chhoa Keng Hong**  
Consultant  
Neuropsychiatrist  
SGH, Kuching



**Dr. Faiz bin Rusli**  
Consultant  
Anaesthesiologist & Critical Care  
HKL



**Dr. Chin Han Lim**  
Consultant  
Neuropsychiatrist  
HRPB, Ipoh



**Dr. Sivenanthini  
Purana Visvanathan**  
Neuropsychiatry Fellow  
SYNAPSE, HKL



**Dr. Chee Jiunn Heng**  
Neuropsychiatry Fellow  
SYNAPSE, HKL



# ***DISTINGUISHED SPEAKERS***



**Dr. Ng Khian Boon**  
Neuropsychiatry Fellow  
SYNAPSE, HKL



**Dr. Chong Siew Koon**  
Neuropsychiatry Fellow  
SYNAPSE, HKL



**Dr. Gan Yi Xiang**  
Psychiatry Medical Officer  
SYNAPSE, HKL



**SN Siti Aminah binti Abdul Ghoni**  
ECT Co-ordinator  
SYNAPSE, HKL



**AMO Mohd Fahmy Asraf bin Mohd  
Hussain**  
ECT Co-ordinator  
SYNAPSE, HKL



**AMO Abdul Aziz bin Manab  
@ Ibrahim**  
ECT Co-ordinator  
SYNAPSE, HKL



# NEUROMODULATION

2024

10 JUNE  
MONDAY

ECT

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0800 Registration  
0830 Secretariat

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0830 **Introduction to Guideline on ECT**  
0845 Dr. Kenny Ong Kheng Yee

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0845 **Indications**  
0905 (Section 1.1)  
Dr. Chong Siew Koon

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0905 **Electrophysiology in ECT**  
0925 (Section 1.2)  
Dr. Ng Khian Boon

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0925 **Adverse Events**  
0945 (Section 1.3)  
Dr. Chong Siew Koon

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0945 **Tea Break**   
1015

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1015 **Pharmacotherapy in ECT**  
1045 (Section 1.4)  
Dr. Ng Khian Boon

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1045 **Special Populations**  
1130 (Section 1.5)  
Dr. Chhoa Keng Hong  
Dr. Chin Han Lim

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1130 **Placement of ECT Electrodes**  
1200 (Section 2.1)  
Dr. Chee Jiunn Heng

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Day 1



# NEUROMODULATION

2024

10 JUNE  
MONDAY

ECT  
&  
TMS

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1200      **Stimulus Dose Strategy**  
1300      **(Section 2.2)**  
            Dr. Chee Kok Yoon

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1300      **Lunch**  
1400

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## Concurrent Station 1 & 2

**Station 1 (45 min)**  
            **Demonstration on electrode**  
            **placement**  
1400      Dr. Chee Jiunn Heng  
1530      Dr. Ng Khian Boon

**Station 2 (45 min)**  
            **Administration &**  
            **Maintenance of ECT**  
            **machines**

            Dr. Chong Siew Koon  
            AMO Mohd Fahmy Asraf bin Mohd  
            Hussain

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1530      **Tea Break**   
1600

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1600      **Basic Understanding of TMS**  
1615      Prof. Dr. Mazlina binti Mazlan

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1615      **Safety & Side Effects of TMS**  
1630      Prof. Dr. Mazlina binti Mazlan

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1630      **Types of TMS in Therapy**  
1700      Prof. Dr. Mazlina binti Mazlan

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**End of Day 1**



# NEUROMODULATION

2024

11 JUNE  
TUESDAY

ECT  
&  
TMS

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0800 Registration  
0830 Secretariat

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0830 **General Workflow of TMS**  
0845 Prof. Dr. Mazlina binti Mazlan

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0845 **Indications for TMS**  
0900 **(FDA Approved)**  
Prof. Dr. Mazlina binti Mazlan

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0900 **Ethical Consideration**  
0915 Prof. Dr. Mazlina binti Mazlan

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0915 **TMS Q&A Session**  
0945 Prof. Dr. Mazlina binti Mazlan

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0945 **Tea Break**   
1015

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1015 **Legislation & Consent in ECT**  
1045 **(Section 3.1)**  
Dr. Kenny Ong Kheng Yee

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1045 **Review & Monitor ECT**  
1115 **Service**  
**(Section 3.2)**  
Dr. Kenny Ong Kheng Yee

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1115 **Monitor Staff Competence**  
1145 **(Section 3.3)**  
Dr. Chhoa Keng Hong  
Dr. Faiz bin Rusli  
AMO Abdul Aziz bin Manab @ Ibrahim

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Day 2



11 JUNE  
TUESDAY

ECT

1145  
1200

**Monitor ECT Accreditation**  
(Section 3.4)

**Provide ECT Training**  
(Section 3.5)

**Research & Monitoring**  
(Section 3.6)

Dr. Chhoa Keng Hong

1200  
1230

**Video Demonstration on ECT  
Procedure in SYNAPSE HKL &  
Post-test Questionnaire  
Committee**

1230  
1330

**Lunch**

**Concurrent Station 3 & 4**

**Station 3 (45 min)**

**Case application:**

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

Dr. Kenny Ong Kheng Yee

1330  
1500

Dr. Chhoa Keng Hong

SN Siti Aminah binti Abdul Ghoni

**Station 4 (45 min)**

**Case application:**

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

Dr. Chin Han Lim

Dr. Gan Yi Xiang

AMO Abdul Aziz bin Manab @ Ibrahim

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# NEUROMODULATION

2024

11 JUNE  
TUESDAY

ECT

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1500  
1530

Tea Break



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## Concurrent Station 5 & 6

Station 5 (45 min)

**Practical application:**

- Discharge criteria
- Logbook on Privileging Non-Anaesthetist Medical Officer Providing Sedation in ECT

Dr. Faiz bin Rusli

1530  
1700

Station 6 (45 min)

**Practical application:**

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

Dr. Kenny Ong Kheng Yee

Dr. Sivenanthini Purana Visvanathan

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End of Day 2



NEUROMODULATION  
2024

12 JUNE  
WEDNESDAY

ECT

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0800 Registration  
0830 Secretariat

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0830 Continuation and  
0900 Maintenance ECT  
(Section 2.4)  
Dr. Chin Han Lim

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0900 Practical Aspects of  
1000 Anaesthesia  
(Section 2.3)  
Dr. Siti Hajar Haryati binti Fauzi

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1000 Tea Break   
1030

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1030 Case Scenarios:  
1230 NEARS & ECT-related issues  
Dr. Kenny Ong Kheng Yee  
Dr. Chhoa Keng Hong  
Dr. Chin Han Lim

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1230 Feedback on Pre- and Post-  
1300 test Questionnaire  
Prize-giving for winners  
Committee

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1300 Lunch  
1330

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End of Day 3



NEUROMODULATION  
2024

REGISTRATION

ECT  
&  
TMS

Registration Fee	Delegate Category	Malaysian (MYR)	International Delegate (USD)
Early bird (full payment by 15 <sup>th</sup> May 2024)	Specialist / Professor / Associate Professor	500	200
	Medical Officer / Registrar / Post-Graduate Trainee	400	150
	Allied Health Staff	300	100
Standard (full payment after 15 <sup>th</sup> May 2024)	Specialist / Professor / Associate Professor	550	200
	Medical Officer / Registrar / Post-Graduate Trainee	450	150
	Allied Health Staff	350	100

**REGISTRATION PAYMENT DETAILS**

**ACCOUNT NAME:** KUALA LUMPUR MENTAL HEALTH  
CONFERENCE C/O BADAN KEBAJIKAN PSIKIATRI

**ACCOUNT NUMBER:** 800051270-2

**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  
received 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 [neuromod24@gmail.com](mailto:neuromod24@gmail.com) OR  
contact:

Dr. Umar (+6017-6605449) or

Mr. Khairul Azri (+6011-65512626)