

## MSMH QEEG Practicum Schedule

Saturday 28 – Tuesday 31 May 2022

Venue: [STARTTS](#), 152-168 THE HORSLEY Drive, CARRAMAR New South Wales 2163

To attain the **MSMH QEEG Didactic Certificate**, participants must complete a [36-hour Didactic Training](#) inclusive of a 12-hour practicum addressing:

- Module 8: Practicum, recording EEG & ERPs, artifacting, montages & displaying data (6 hours)
- Module 9: QEEG Analysis & Neurofeedback Application (6 hours)

**NB:** An IQCB exam sitting will be proctored on Tuesday 31/05/22, 9am – 12noon for candidates who have [preregistered](#) by ensuring these steps have been completed:

1. apply for online accounts access for IQCB at <https://qeegetcificationboard.org/account/log-in/> (*This is where IQCB will give you access to the latest exam reading list*); and;
  2. apply for a Certemy profile to track your certification progress <https://iqcb.certemy.com/entry/self-enrollments/QEEG-Candidate/595d6334-756e-4d28-9ded-9a0ef477af71> and **make payments**.
  3. go to the [IQCB Examination step and pay for the exam](#), and
  4. commit to the IQCB [Professional Standards and Ethical Principles](#) by endorsement online.
- After completing your application and paying the application fee, you will be assigned a credential path (QEEG-Diplomate or QEEG-Technician) based on your application.
  - If you have completed these steps, you will receive an email from the IQCB Administrator to confirm your readiness to sit the exam.
  - You do not need to arrange for proctoring as Michelle is an approved IQCB proctor.

**Training Schedule** (*refreshments & breaks provided 11am, 1pm & 3pm during scheduled activities*)

<p><b>Day 1, Saturday 28/05/22, QEEG Didactic Review Modules 1-7</b>            1.30pm – 5pm: Didactic Blueprint Overview (<i>intro for beginners and review for current certification candidates</i>)            6pm: Peer Networking Dinner (<i>self-funded, venue tba</i>)</p>
<p><b>Day 2, Sunday 29/05/22, QEEG Course Module 8</b>            9 – 9.30am: meet your professional community            9.30 – 11am: Essential Skills for QEEG, Section 1, Client-Therapist Interface (<b>bring case example if possible</b>)            11.15am – 1pm: Essential Skills Section 2, Prepare for QEEG via Technician- &amp; Client-Instrument Interface            1.30 – 3pm: Essential Skills Section 3, Recording the QEEG (Client-Technician-Instrument Triad)            3.15 – 5pm: Essential Skills Section 3, Recording the QEEG, <i>continued</i></p>
<p><b>Day 3, Monday 30/05/22, QEEG Course Module 9</b>            9 – 11am: Essential Skills Section 4, Artifacting &amp; Analysis of the QEEG (montages, spectra &amp; topographies)            11.15am – 1pm: Essential Skills Section 4, <i>continued</i>            1.30 -3pm: Essential Skills Section 5, Preparing a Report of QEEG Assessment Findings &amp; Implications            3.15- 5pm: Report Presentations/Feedback to <i>Clients</i> including recommendations for neuromodulation</p>
<p><b>Day 4, Tuesday 31/05/22, 9am – 12noon: IQCB Board Exam</b></p>

*NB: Times listed are NSW Australian Eastern Time Zone*

**With thanks to Mirjana Askovic (ANSA President & QEEG-D) & the team at STARTTS for hosting our event.**

## QEEG ESSENTIAL SKILLS Training Guide

### 1. Client-Therapist Interface: client orientation & engagement in QEEG

- i. what is a QEEG and when is a QEEG recommended
- ii. why might the QEEG findings be useful to the client, therapist, or others client care providers
- iii. how is the QEEG conducted: intake, recording, analysis, reporting & feedback
- iv. explain client's role and responsibilities in the QEEG process
- v. obtain written client permission for QEEG using a thorough Informed Consent form
- vi. document a biopsychosocial client history and presentation, hypothesis, and management plan

### 2. Prepare to Perform a QEEG Assessment

#### a. Technician-Instrument Interface

- i. make correct hardware connections and start hardware
- ii. make correct electrode connections to the hardware
- iii. accurately select, install, and run QEEG software
- iv. identify components, applications, and limitations of selected software package
- v. troubleshoot common equipment failures according to manufacturer's recommendations.

#### b. Client-Instrument Interface

- i. purpose and steps involved in skin preparation, electrode attachment, and recording conditions
- ii. assure client about safety of "sensors"/electrodes
- iii. demonstrate occupational hygiene and aseptic techniques
- iv. prepare scalp and ears to attach an electrode cap and ear sensors
- v. measure, name and locate, on the scalp, each site of the International 10-20 System
- vi. check, improve and stabilise low impedances

### 3. Recording the QEEG Maximising Client Safety and Data Quality: the client-technician-instrument triad

- i. provide initial orientation and instructions to client
- ii. perform all steps to collect a QEEG recording (eyes-open and eyes-closed *and task if time permits*)
- iii. monitor recording and provide coaching and feedback to client (quality control & client safety) e.g., *relationship between client activity and on-screen information, especially artifacts*
- iv. save session data per equipment & clinical data management guidelines, e.g., *save deidentified raw file to clinic database, save a copy to specific client file, create a client-file copy for editing.*
- v. maintain rapport by soft-review of raw observations (e.g., *great work; I noticed a variety of activity ... times when you were settled and sometimes not. Describe your experience for me? Any questions?*), offer reassurance re next steps, end the session.

### 4. Artifacting and Analysis of the QEEG (montages, spectra & topographies)

- i. inspect the raw & describe dominant activity
- ii. identify and remove (or control for) sources of common artifacts in the raw EEG signal
- iii. conduct analyses e.g., absolute power, relative power, phase, coherence, z-score comparisons
- iv. summarise analysis in relation to the reason for referral
- v. identify activity that may warrant a neurological consult (e.g., epileptiform, etc)

### 5. Preparing a Report of QEEG Assessment Findings & Implications

- i. include client history and intake presentation, preliminary hypothesis, and current assessment findings (raw and computed, qualitative and quantitative) in formulation and report preparation
- ii. recommend intervention/management including an initial neurofeedback protocol
- iii. provide feedback to client and explain rationale for findings and recommendations

\*\* Delegates are encouraged to bring, for collaborative review, existing documents to support development of your clinic resources e.g., information flyers, consent forms, intake questionnaires, report templates, deidentified case study examples, etc.

## **NB: Finalising your IQCB certification**

In addition to didactic training, delegates pursuing IQCB Certification in QEEG must:

- successfully complete the Board Exam
- complete a minimum 10 hours of mentoring in [Essential Skills](#) to demonstrate competency; &
- present 5 completed case reports addressing:

### Client Background

- a clinical profile of the client including behavioural symptoms
- referral reason/purpose of assessment
- what you might expect to find in QEEG.

### EEG Assessment

- Professional rapport, reassurance and readiness
- Procedures and mechanics of conducting assessment
- observations during assessment (where significant)
- artifacting & analysis

### Analysis & Interpretation

- methods of analysis (include at least two montage views)
- interpretation of findings relevant to clinical presentation
- protocol development for neuromodulation (NFB); and
- final report with indications for onward referral and/or other intervention.

If you are organised during the workshop, you may in fact complete at least one case report and most of your essential skills training!

# MSMH QEEG Practicum, Sydney, Saturday 28 – Tuesday 31 May 2022

All travel, transfers, accommodation, insurances are the delegate's responsibility.

REGISTRATION FORM			
Surname:		Given names:	
Postal address:			
State:	Postcode:	Country:	
Email:			Mobile:
Healthcare Profession:			AHPRA#:
<a href="#">AHPA</a> Allied Health Organisation (if not AHPRA registered):			Member #:
For Technicians, please name your QEEG-D Mentor or indicate if you will be seeking to be assigned to a Mentor (supervision fees may apply):			

### Please indicate if you will bring:

- laptop computer to practise QEEG Analysis
- optional, QEEG Amplifier to practise data collection (**must be compatible with WinEEG software**)
- optional, HBI Database Dongle (licence)

### Select Relevant Fees:

- Delegate pre-paid in *MSMH QEEG Didactic by Distance* course **inclusive of practicum fees**
- Delegate **attending Practicum only**, please request invoice for:
  - Day 1 Didactic Review @ \$220 (GST inclusive)
  - Day 2 Practicum Module 8 @ \$396 (GST inclusive)
  - Day 3 Practicum Module 9 @ \$396 (GST inclusive)
  - Day 4 = IQCB Exam Proctor Fee @ \$165 (GST inclusive) **NB: Pay exam fee online [IQCB](#)**

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Total = \$ (GST inclusive)

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Please submit your Registration Form to [admin@msmh.com.au](mailto:admin@msmh.com.au) at your earliest convenience.

Thank you.

<https://mindsciencemyhealth.com.au/>