

Practicum 1 Schedule

Upon completion of this course, participants should be able to:

1. Conduct and combine information from interview, QIKtest data and first neurofeedback session.
2. Set up symptom tracking and create treatment plan for new clients.
3. Increase clinical skills working with new lower training frequency range.
4. Optimize training variables based on client's response to shifts in electrode placement and training frequency.
5. Understand basic EEG patterns reflecting brain state changes and artifacts.

Day 1:

7:30 – 8:30am Registration and Breakfast

8:30am – 12:30pm

Welcome and Introductions

Assessment overview: interview, QIK test, NF session, symptom tracking, treatment plan

Assessment Interview

Basic sites and training effects

Neurofeedback assessment form, neurofeedback treatment plan

Practice session 1: Assessment Interview with partner

Practice session 2: Completion of assessment summary form

12:30 – 2:00pm Lunch break

2:00pm – 5:30pm

QIK test, Braincheck and Symptom Tracking

QIK test demonstration

Practice session 3: QIK test - administration and report

Discussion of QIK results

Practice session 4: Symptom tracking

Day 2:

7:30 – 8:30am Breakfast

8:30am – 12:30pm

Cygnnet session basics: 2 channel ILF HD demonstration and discussion

- Electrode setup and care
- Impedance measurement
- Clinician screen and live session controls
- Session reports

Starting sites and training frequency options

- Starting sites and frequencies with ILF HD
- Adjusting training frequency and/or training site in session

Discussion of personal training and starting site indicators

Practice session 5: starting sites – 2 channel ILF HD

12:30 – 2:00pm Lunch break

2:00pm – 5:30pm

Understanding EEG displays: demonstration and discussion

- EEG and spectral displays
- Artifacts
- History graph (Trends)

Peripheral measures with combination sensor

Discussion of training results

- Interpreting symptom changes session to session

Practice session 6: starting sites – 2 channel ILF HD

- Continued optimization of starting site and training frequency

Day 3:

7:30 – 8:30 Breakfast

8:30am – 12:30pm

Optimizing feedback (game) displays and tactile: demonstration and discussion

Adding ILF HD training sites and adjusting training frequencies

- Adding basic sites and other sites

Discussion of training results

- Interpreting symptom changes session to session

Practice session 7: Adding basic sites – 2 channel ILF HD and combination sensor

12:30 – 2:00pm

Lunch break

2:00pm – 5:30pm

After ILF HD and Explaining ILF neurofeedback

Adding alpha-theta

Adding 2 channel synchrony

History of training frequency ranges

Tracking Infra-low frequency signals

Discussion of training results

Practice session 8: Adding basic sites – 2 channel ILF HD and combination sensor

Continued optimization of basic sites and training frequencies