



## INTERNATIONAL QEEG CERTIFICATION BOARD NEW FOR 2024 - RECOMMENDED READING LIST

The IQCB highly recommends you view these resources as you are studying for the exam.

### CORE TEXTBOOKS

Collura, T.F. [Technical Foundations of Neurofeedback](#). Routledge, 2014. *Chapters 1-6*

John Demos: [Getting started with EEG Neurofeedback](#). 2<sup>nd</sup> edition, 2019 W. W. Norton & Company. *Part 2 - Part 4*

Duffy, Frank, et al, [Clinical Electroencephalography and Topographic Brain Mapping: Technology and Practice](#)

Hughes, J. R., & John, E. R. (1999). [Conventional and quantitative electroencephalography in psychiatry](#). *The Journal of neuropsychiatry and clinical neurosciences*, 11(2), 190–208.

Lara V. Marcuse MD, Madeline C. Fields MD, et al. [Rowan's Primer of EEG: With a mini atlas](#). 2nd Edition. 2015. Elsevier.

Libenson, M.H. [Practical Approach to Electroencephalography](#), 1<sup>st</sup> edition 2010 Elsevier, ISBN. 978-0-75067478-2

Donald L. Schomer (Editor), [Fernando H. Lopes da Silva Niedermeyer's Electroencephalography: Basic Principles, Clinical Applications and Related Fields](#). Oxford University Press. 7<sup>th</sup> edition, 2018 (*Part I-IV; and Part VI*)

*Chapters:*

*Part I: Basic Principles: Chapters 1-5*

*Part II: Normal EEG: Chapters 6-11*

*Part III: Clinical EEG: Optional Chapters 12-17*

*Part IV: Clinical EEG Evaluation: Chapters 25 and 26*

*Part VII: New Frontiers in EEG: Chapters 44, 45, and 47*

Dan R. Chartier, Mary Blair Dellinger, James R. Evans, Helen Kogan Budzynski (Eds) [Introduction to Quantitative EEG and Neurofeedback](#). 3rd Edition - June 2023 Hardback ISBN: 9780323898270

Thatcher, R. (2016). [Handbook of Quantitative Electroencephalography and EEG Biofeedback: Scientific Foundations and Practical Applications](#). ANI Publishing, Inc. *Chapters 1 – 5*

James R. Evans, (Ed) [Forensic Applications of QEEG and Neurotherapy](#),

## ARTICLES

### Psychopharmacology

- Kerson, C, Manalang, P., Smyth, N. (2023). [Drug Effects on the EEG: A Reference Guide](#)
- Gunkelman, J., (2012). [Drug exposure and EEG/qEEG findings: A technical guide.](#) [Brain Science International](#). Pleasanton, CA

### Technical/Ethical Considerations QEEG

*(key reading list regarding the controversy/validity of QEEG)*

- Nuwer, M. (1997) [Assessment of digital EEG, quantitative EEG and EEG brain mapping](#). Neurology:49. 277-292
- Hoffman (1999) [Limitations of AAN-ACNS paper on QEEG](#)
- Thatcher, R. (1999) [Rebuttal of AAN 1997 Report by ECNS](#)
- Nuwer, M. (2021) [Quantitative EEG: II. Frequency analysis and topographic mappings in clinical settings](#). J Clin Neurophysiol 1988 Jan;5(1):45-85. PMID: [3074970](#)
- Hammond, C. (2004) [Standards for use of QEEG in NFB - ISNR Position Paper](#)
- Nuwer, M. (2005) - [Routine & QEEG in mTBI](#)
- Trudeau, D. (2008) - [Proactive position on qEEG in neurotherapy](#)
- Tenney, J. R., Gloss, D., Arya, R., Kaplan, P W., Lesser, R., Sexton, V., Nuwer, M. (2021) - [ACNS Practice Guideline use of QEEG for dx of mTBI](#)

### Technical Considerations of the EEG

- Collura et al (2023) - IQCB-ECNS QEEG Guidelines – White Paper (pre-publication)
- Kemp (1992) - [EDF-simple format for exchange of digitized recordings](#)
- Kemp (2003). [EDF+ An EDF-alike format for exchange of physiological data](#)
- Livint Popa,L., Dragos, H., Pantelemon, C., Verisezan Rosu, O., Strilciuc, S. (2020) - [The Role of Quantitative EEG in the Diagnosis of Neuropsychiatric Disorders](#)

**EEG Technical Guidelines (ACNS):**

- [Complete Guidelines](#)
  - ACNS Guideline 0 - [Intro to Guidelines](#)
  - ACNS Guideline 1 - [Minimum Technical Requirements](#)
  - ACNS Guideline 2 - [Standard Electrode Position Nomenclature:](#)
  - ACNS Guideline 3 - [Standard Montages in EEG](#)
  - ACNS Guideline 4 - [Recording EEG on Digital Media](#)
  - ACNS Guideline 4 - [Recording EEG on Digital Media \(Spanish version\)](#)
  - ACNS Guideline 5 – [Minimal Technical Standards for Pediatric EEG](#)
  - ACNS Guideline 5 – [Minimal Technical Standards for Pediatric EEG \(Spanish version\)](#)
  - ACNS Guideline 7 - [EEG Reporting](#)
  - ACNS Guideline 7 - [EEG Reporting \(Spanish version\)](#)
  - ACNS Guideline - [Qualifications of Neurodiagnostic Personnel](#)