

Bibliography for ch. "Epilepsy and Seizures"

Last updated: February 8, 2023

Special thanks to the esteemed authors, editors, illustrators, artists, and publishers of the following books, journals, articles, and online sites for contributing materials and allowing visitors of VIKTOR'S NOTES(SM) web site to be able to extract the relevant information pertaining to the management of their patients.

GENERAL

1. **U.S. Food & Drug Administration (FDA)** official news >>
2. **eMedicine** – The Continually Updated Clinical Reference >>
3. **Medscape Neurology** from WebMD >>
4. Aetna **InteliHealth** >>
5. **Drugs.com** - Drug Information Online >>
6. Christopher G. **Goetz** "Textbook of Clinical Neurology", 1st ed. (1999); Publisher: W.B. Saunders Company; ISBN 0-7216-6423-7, ch. 52 (p. 1059-1088) >>
7. Lewis P. Rowland "**Merritt's Textbook of Neurology**", 9th ed. (1995); Publisher: Williams & Wilkins; ISBN-10: 0683074008; ISBN-13: 978-0683074000 (p. 436-437, 16-19, 845-872) >>
8. Peter **Rosen**, Roger, Md. Barkin "Emergency Medicine: Concepts and Clinical Practice", 4th ed. (1998); Publisher: C.V. Mosby; ISBN-10: 0815137745; ISBN-13: 978-0815137740 (p. 428-429, 1221-1234, 1238-1239, 2150-2165) >>
9. Howard L. **Weiner** "**Neurology** (House Officer Series)", 5th ed. (1994); Publisher: Williams & Wilkins; ISBN-10: 0683089064; ISBN-13: 978-0683089066 (p. 69-79) >>
10. Lee Goldman "**Cecil Textbook of Medicine**", 21st ed. (2000); Publisher: W. B. Saunders Company; ISBN-10: 072167996X; ISBN-13: 978-0721679969, ch. 484 (p. 2151-2163) >>
11. Anthony S. Fauci, Eugene Braunwald "**Harrison's Principles of Internal Medicine**" (1998); Publisher: McGraw-Hill (Tx); ISBN-10: 0070202915; ISBN-13: 978-0070202917 (ch. 365) >>
12. Robert E. Rakel "**Conn's Current Therapy**", 52nd ed. (2000); Publisher: W. B. Saunders Company; ISBN-10: 0721672256; ISBN-13: 978-0721672250 (p. 856-871) >>
13. William F. Ganong "**LANGE Review of Medical Physiology**", 21st ed. (2003); Publisher: McGraw-Hill / Appleton & Lange; ISBN-10: 0071402365; ISBN-13: 978-0071402361 >>
14. Mary J. Mycek, Richard A. Harvey, Pamela C. Champe "**Lippincott's Illustrated Reviews: Pharmacology**", 2nd ed. (2000, Special Millennium Update); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0781724139; ISBN-13: 978-0781724135 >>
15. Stephen McPhee, Vishwanath R. Lingappa, William F. Ganong, Jack D. **Lange** "**Pathophysiology of Disease**" 4th ed. (2002); Publisher: McGraw-Hill / Appleton & Lange; ISBN-10: 0071387641; ISBN-13: 978-0071387644 >>
16. Richard E. Behrman "**Nelson Textbook of Pediatrics**", 15th ed. (1996); Publisher: W. B. Saunders Company; ISBN-10: 0-7216-5578-5 (p. 1686-1702) >>
17. "**Washington Manual of Medical Therapeutics**", 29th ed. (1998); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0781715954; ISBN-13: 978-0781715959 (p. 486-488) >>
18. **NMS** (National Medical Series for Independent Study):
 - 1) Bruce E. Jarrell, R. Anthony Carabasi "**NMS Surgery** (National Medical Series for Independent Study)", 4th ed. (2000); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0683306154; ISBN-13: 978-0683306156 >>
 - 2) Allen R. Myers "**NMS Medicine** (National Medical Series for Independent Study)", 4th ed. (2001); Publisher: Lippincott Williams & Wilkins; ISBN-10: 078172144X; ISBN-13: 978-0781721448 >>
 - 3) Paul H. Dworkin "**NMS Pediatrics** (National Medical Series for Independent Study)", 4th ed. (2000); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0683306375; ISBN-13: 978-0683306378 >>
 - 4) Scott H. Plantz, Jonathan N. Adler "**NMS Emergency Medicine** (National Medical Series for Independent Study)", 1st ed. (1997); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0683181076; ISBN-13: 978-0683181074 >>
 - 5) Virginia A. LiVolsi "**NMS Pathology** (National Medical Series for Independent Study)", 3rd ed. (1994); Publisher: Harwal Publishing; ISBN-10: 0683062433; ISBN-13: 978-0683062434 >>

- 6) John Bullock, Joseph Boyle III, Michael B. Wang “**NMS Physiology** (National Medical Series for Independent Study)”, 4th ed. (2001); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0683306030; ISBN-13: 978-0683306033 >>
- 7) William DeMyer “**NMS Neuroanatomy** (National Medical Series for Independent Study)”, 2nd ed. (1998); Publisher: Lippincott Williams & Wilkins; ISBN-10: 068330075X; ISBN-13: 978-0683300758 >>
19. David C. Sabiston “**Sabiston Textbook of Surgery: the Biological Basis of Modern Surgical Practice**”, 15th ed. (1997); Publisher: W.B. Saunders Company; ISBN-10: 0721658873; ISBN-13: 978-0721658872 (p. 1388-1392) >>
20. Courtney M. Townsend Jr. “**Sabiston Textbook of Surgery: The Biological Basis Of Modern Surgical Practice**”, 16th ed. (2001); Publisher: W.B. Saunders Company; ISBN-10: 0721682693; ISBN-13: 978-0721682693 (p. 1540-1543) >>
21. John H. Juhl “**Paul and Juhl’s Essentials of Radiologic Imaging**”, 7th ed. (1998); Publisher: Lippincott Williams & Wilkins; ISBN-10: 0-397-58421-0 (p. 437-438) >>
22. Ronald G. Grainger, David J. Allison “**Grainger & Allison’s Diagnostic Radiology: A Textbook of Medical Imaging**”, 4th ed. (2001); Publisher: Churchill Livingstone, Inc.; ISBN-10: 0443064326; ISBN-13: 978-0443064326 (p. 2407-2410) >>
23. Mark H. Beers, Robert Berkow “**The Merck Manual**”, 17th ed. (1999); Publisher: Merck Research Laboratories; ISBN-10: 0911910107; ISBN-13: 978-0911910100 (ch. 172, 260) >>
24. Marshall B. Allen, Ross H. Miller “**Essentials of Neurosurgery: a guide to clinical practice**”, 1995; Publisher: McGraw-Hill, Inc.; ISBN-10: 0070011168; ISBN-13: 978-0070011168 (p. 439-462) >>
25. R. A. Hope, J. M. Longmore, T. J. Hodgetts, P. S. Ramrakha “**Oxford Handbook of Clinical Medicine**”, 3rd ed. (1994); Publisher: Oxford University Press; ISBN-10: 0192621157; ISBN-13: 978-0192621153 >>
26. J. A. B. Collier, J. M. Longmore, T. J. Hodgetts “**Oxford Handbook of Clinical Specialties**”, 4th ed. (1995); Publisher: Oxford University Press; ISBN-10: 0192625373; ISBN-13: 978-0192625373 >>

EPILEPSY SURGERY

- CC** – corpus callosotomy
- DBS** – deep brain stimulation
- general** – general topics of epilepsy surgery
- LITT** – laser ablation
- RNS** – responsive neurostimulation
- SAH** – selective amygdalohippocampectomy
- SEEG** – stereotactic EEG
- temporal** – temporal lobe epilepsy
- TMS** – transcranial magnetic stimulation
- VNS** – vagal nerve stimulation

1. Benbadis R et al. Putting it all together: Options for intractable epilepsy: An updated algorithm on the use of epilepsy surgery and neurostimulation. *Epilepsy & Behavior* Vol 88, Supplement, Nov 2018, Pages 33-38 **general**
2. Bezchlibnyk Y et al. A neurosurgeon’s view: Laser interstitial thermal therapy of mesial temporal lobe structures. *Epilepsy Research* 142 (2018) 135–139 **LITT**
3. Bourdillon P et al. Stereo electroencephalography-guided radiofrequency thermocoagulation (SEEG-guided RF-TC) in drug-resistant focal epilepsy: Results from a 10-year experience. *Epilepsia*. 2017 Jan;58(1):85-93. **SEEG**
4. Bourdillon P et al. Stereo-electro-encephalography-Guided Radiofrequency Thermocoagulation: From In Vitro and In Vivo Data to Technical Guidelines. *World Neurosurg*. 2016 Oct;94:73-79 **SEEG**
5. Cossu M et al. Stereo-EEG-guided radiofrequency thermocoagulations. *Epilepsia*. 2017 Apr;58 Suppl 1:66-72. **SEEG**
6. Cossu M et al. Stereoelectroencephalography-guided radiofrequency thermocoagulation in the epileptogenic zone: a retrospective study on 89 cases. *Journal of Neurosurgery*. Dec 2015 / Vol. 123 / No. 6 / Pages 1358-1367 **SEEG**
7. Catenoix H. et al. Seizures Outcome After Stereoelectroencephalography-Guided Thermocoagulations in Malformations of Cortical Development Poorly Accessible to Surgical Resection. *Neurosurgery* 77:9–15, 2015 **SEEG**

8. Chaitanya et al. Robot-assisted stereoelectroencephalography exploration of the limbic thalamus in human focal epilepsy: implantation technique and complications in the first 24 patients. *Neurosurg Focus* 2020 April. DOI: <https://doi.org/10.3171/2020.1.FOCUS19887> **SEEG**
9. Cohen-Gadol, Aaron. *Neurosurgical atlas (Anteromedial Temporal Lobectomy)* >> **temporal**
10. Dimova P et al. Radiofrequency thermocoagulation of the seizure-onset zone during stereoelectroencephalography. *Epilepsia*. 2017 Mar;58(3):381-392. **SEEG**
11. Donos C et al. Visual field deficits following laser ablation of the hippocampus. *Neurology* 2020;94:e1303-e1313 **LITT**
12. Drane DL. MRI-Guided stereotactic laser ablation for epilepsy surgery: Promising preliminary results for cognitive outcome. *Epilepsy Research* 142 (2018) 170–175 **LITT**
13. Englot et al. “Rates and Predictors of Seizure Freedom With Vagus Nerve Stimulation for Intractable Epilepsy” *Neurosurgery*: September 2016 - Volume 79 - Issue 3 - p 345–353 **VNS**
14. Gadot Ron, ..., Sheth Sameer. Thalamic stereoelectroencephalography in epilepsy surgery: a scoping literature review. *J Neurosurg*. 2022 Mar 11;1-16. doi: 10.3171/2022.1.JNS212613. **SEEG**
15. Gonzalez-Martinez JA. The Stereo-Electroencephalography: The Epileptogenic Zone. *J Clin Neurophysiol*. 2016 Dec;33(6):522-529. **SEEG**
16. Grewal SS et al. Fast gray matter acquisition T1 inversion recovery MRI to delineate the mammillothalamic tract for preoperative direct targeting of the anterior nucleus of the thalamus for deep brain stimulation in epilepsy *Neurosurg Focus* 45 (2):E6, 2018 **DBS**
17. Gross R et al. The Role of Stereotactic Laser Amygdalohippocampotomy in Mesial Temporal Lobe Epilepsy. *Neurosurg Clin N Am* 27 (2016) 37–50 **LITT**
18. Gummadavelli A. et al. ASSFN Position Statement on Deep Brain Stimulation for Medication-Refractory Epilepsy. *Neurosurgery* 00:1–6, 2022 **DBS**
19. Kulju T et al. Similarities between the responses to ANT-DBS and prior VNS in refractory epilepsy. *Brain Behav* . 2018 Jun;8(6):e00983. **DBS, VNS**
20. Lehtimäki K, Coenen VA, Gonçalves Ferreira A, Boon P, Elger C, Taylor RS, et al: The surgical approach to the anterior nucleus of thalamus in patients with refractory epilepsy: experience from the international multicenter registry (MORE). *Neurosurgery*, Volume 84, Issue 1, January 2019, Pages 141–150 **DBS**
21. Li Jun et al. Imaging the Centromedian Thalamic Nucleus Using Quantitative Susceptibility Mapping. *Front. Hum. Neurosci.*, 09 January 2020 **DBS**
22. Lowerison MW, Josephson CB, Jetté N, et al. Association of Levels of Specialized Care With Risk of Premature Mortality in Patients With Epilepsy. *JAMA Neurol*. 2019;76:1352-1358. **general**
23. Lüders “Textbook Of Epilepsy Surgery” 1st ed. (2008), chapters 73, 103-104 **SEEG**
24. McGovern et al. Incorporating new technology into a surgical technique: the learning curve of a single surgeon’s stereoelectroencephalography experience. *Neurosurgery*, Volume 86, Issue 3, March 2020, Pages E281–E289 **SEEG**
25. Olivier A. Transcortical selective amygdalohippocampectomy in temporal lobe epilepsy. *Can J Neurol Sci*. 2000;27 (suppl 1):S68–S76 >> **SAH**
26. Sheikh SR et al. Cost-effectiveness of surgery for drug-resistant temporal lobe epilepsy in the US. *Neurology*. September 08, 2020; 95 (10) **temporal**
27. Starr, Barbaro, Larson “Neurosurgical Operative Atlas - Functional Neurosurgery” 2nd ed (2009), chapter 1 **SEEG**
28. Steinbrenner Mirja et al. Referral to evaluation for epilepsy surgery: Reluctance by epileptologists and patients. *Epilepsia*. 17 January 2019 **general**
29. Stone, Scellig et al. Interictal Connectivity Revealed by Granger Analysis of Stereoelectroencephalography: Association With Ictal Onset Zone, Resection, and Outcome. *Neurosurgery*: October 2022 - Volume 91 - Issue 4 - p 583-589 **SEEG**
30. Tandon N et al. Analysis of Morbidity and Outcomes Associated With Use of Subdural Grids vs Stereoelectroencephalography in Patients With Intractable Epilepsy. *JAMA Neurol*. 2019;76(6):672-681 **SEEG**
31. Wang Irene et al. MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. *Epileptic Disorders*, Volume 22, issue 4, August 2020 >> **general**

32. Warren A et al. Targeting the centromedian thalamic nucleus for deep brain stimulation. *J Neurol Neurosurg Psychiatry* . 2020 Apr;91(4):339-349. **DBS**
33. Willie JT, Malcolm JG, Stern MA, et al. Safety and effectiveness of stereotactic laser ablation for epileptogenic cerebral cavernous malformations. *Epilepsia*. 2019;60:220– 232. **LITT**
34. Winn H. Richard “Youmans Neurological Surgery” 6th ed. (2011), ch. 60 (p. 743-753) **SEEG**
35. Wu C et al. Effects of surgical targeting in laser interstitial thermal therapy for mesial temporal lobe epilepsy: A multicenter study of 234 patients. *Epilepsia*. 2019;60:1171–1183 **LITT**
36. Wu C et al. Extraventricular Long-Axis Cannulation of the Hippocampus: Technical Considerations. *Neurosurgery*. 2014 Jun; 10(0 2): 325–333. doi: 10.1227/NEU.0000000000000320 **LITT**
37. Youngerman BE et al. Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy for Epilepsy: Systematic Review of Technique, Indications, and Outcomes. *Neurosurgery*, Volume 86, Issue 4, April 2020, Pages E366–E382 **LITT**

WEBINARS

1. Smith Michael “Palliative Surgery for Intractable Epilepsy” by Northwestern’s Fourth Annual Advances In Epilepsy And EEG CME Symposium: <https://www.vumedi.com/video/palliative-surgery-for-intractable-epilepsy/> **CC, subpial transections**
2. "New Stimulation Techniques for Epilepsy" by Dr. Mouhsin Shafi, Beth Israel Deaconess Medical Center, Boston, MA >> **TMS**