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Epilepsy

Article-Assessment Program Article List

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Topic 1 - Mechanisms, etiology, classification and clinical aspects of seizures, epilepsies, and epilepsy syndromes

	Author	Title	Journal	Edition	Cost	Expiration
1	Scheffer I, Berkovic S, Capovilla G, et al	<u>ILAE classification of the epilepsies: Position paper of the ILAE Commission for Classification and Terminology</u>	Epilepsia	2017 Apr;58(4):512-521	No cost	12/31/2024
2	Pearl, P	<u>Epilepsy Syndromes in Childhood</u>	Continuum	2018 Feb;24(1, Child Neurology):186-209	No cost	12/31/2024
3	Koepp M, Caciagli L, Pressler R, et al	<u>Reflex seizures, traits, and epilepsies: from physiology to pathology</u>	Lancet Neurology	2016 Jan;15(1):92-105	Purchase May Be Required	12/31/2024
4	Blumcke I, Spreafico R, Haaker G, et. al.	<u>Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery</u>	The New England Journal of Medicine	2017;377:1648-56.	No cost	12/31/2024
5	Guerrini R, Balestrini S, Wirrell EC, et al	<u>Monogenic Epilepsies: Disease Mechanisms, Clinical Phenotypes, and Targeted Therapies</u>	Neurology	2021 Oct 26;97(17):817-831	Free to Professional Society Members	12/31/2024
6	Blumcke I, Budday S, Poduri A, et a;	<u>Neocortical development and epilepsy: insights from focal cortical dysplasia and brain tumours</u>	Lancet Neurology	2021 Nov;20(11):943-955	Purchase May Be Required	12/31/2024

Topic 2 - Epilepsy across the age span: neonatal seizures, early-life epilepsies, epilepsy in women of child-bearing age (including pregnancy), epilepsy in the elderly

	Author	Title	Journal	Edition	Cost	Expiration
1	Tomson T, Battino D, Bonizzoni E, et al	<u>Comparative risk of major congenital malformations with different antiepileptic drugs: a prospective cohort study of the EURAP registry</u>	Lancet Neurology	2018 Jun;17(6):530-538	Purchase May Be Required	12/31/2024
2	Herzog AG, Mandle HB, MacEachern D	<u>Prevalence of highly effective contraception use by women with epilepsy</u>	Neurology	2019 Jun 11;92(24):e2815-e2821	Purchase May Be Required	12/31/2024
3	Shellhaas RA, Wusthoff C, Tsuchida T, et al	<u>Profile of neonatal epilepsies: Characteristics of a prospective US cohort</u>	Neurology	2017 Aug 29;89(9):893-899	Purchase May Be Required	12/31/2024
4	Berg A, Coryell J, Saneto R, et al	<u>Early-Life Epilepsies and the Emerging Role of Genetic Testing</u>	JAMA Pediatrics	2017 Sep 1;171(9):863-871	No cost	12/31/2024
5	Birnbaum AK, Meador KJ, Karanam A, et al	<u>Antiepileptic Drug Exposure in Infants of Breastfeeding Mothers With Epilepsy</u>	JAMA Neurology	2020 Apr 1;77(4):441-450	No cost	12/31/2024
6	Pressler RM, Cilio MR, Mizrahi EM, et al	<u>The ILAE classification of seizures and the epilepsies: Modification for seizures in the neonate. Position paper by the ILAE Task Force on Neonatal Seizures</u>	Epilepsia	2021 Mar;62(3):615-628	No cost	12/31/2024

Topic 3 - Non-epileptic paroxysmal disorders and comorbidities (including neuropsychiatric, SUDEP, sleep, and other)

	Author	Title	Journal	Edition	Cost	Expiration
1	Gorton H, Webb R, Carr M, et al	<u>Risk of Unnatural Mortality in People With Epilepsy</u>	JAMA Neurology	2018 Aug 1;75(8):929-938	No cost	12/31/2024
2	Auvin S, Wirrell E, Donald K, et al	<u>Systematic review of the screening, diagnosis, and management of ADHD in children with epilepsy. Consensus paper of the Task Force on Comorbidities of the ILAE Pediatric Commission</u>	Epilepsia	2018 Oct;59(10):1867-1880	Purchase May Be Required	12/31/2024
3	Doss R, LaFrance WC Jr.	<u>Psychogenic non-epileptic seizures</u>	Epileptic Disorders	2016 Dec 1;18(4):337-343	Purchase May Be Required	12/31/2024
4	Sveinsson O, Andersson T, Mattsson P, et al	<u>Clinical risk factors in SUDEP: A nationwide population-based case-control study</u>	Neurology	2020 Jan 28;94(4):e419-e429	No cost	12/31/2024
5	Bensken WP, Fernandez-Baca Vaca G, Jobst BC, et al	<u>Burden of Chronic and Acute Conditions and Symptoms in People With Epilepsy</u>	Neurology	2021 Dec 14;97(24):e2368-e2380	Purchase May Be Required	12/31/2024
6	Mula M, Brodie MJ, de Toffol B, et al	<u>ILAE clinical practice recommendations for the medical treatment of depression in adults with epilepsy</u>	Epilepsia	2022 Feb;63(2):316-334	Purchase May Be Required	12/31/2024

Topic 4 - Critical care epilepsy: status epilepticus classification and management; critical care EEG monitoring

	Author	Title	Journal	Edition	Cost	Expiration
1	Westhall E, Rossetti A, van Rootselaar AF, et al	<u>Standardized EEG interpretation accurately predicts prognosis after cardiac arrest</u>	Neurology	2016 Apr 19;86(16):1482- 90	No cost	12/31/2024
2	Glauser T, Shinnar S. Gloss D, et al	<u>Evidence-Based Guideline: Treatment of Convulsive Status Epilepticus in Children and Adults: Report of the Guideline Committee of the American Epilepsy Society</u>	Epilepsy Currents	Jan-Feb 2016;16(1):48-61	No cost	12/31/2024
3	Herman ST, Abend NS. Bleck TP, et al	<u>Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part I: Indications</u>	Journal of Clinical Neurophysiology	2015 Apr;32(2):87-95	No cost	12/31/2024
4	Kapur J, Elm J, Chamberlain JM, et al	<u>Randomized Trial of Three Anticonvulsant Medications for Status Epilepticus</u>	New England Journal of Medicine	2019 Nov 28;381(22):2103- 2113	No cost	12/31/2024
5	Struck AF, Tabaeizadeh M, Schmitt SE, et al	<u>Assessment of the Validity of the 2HELPS2B Score for Inpatient Seizure Risk Prediction</u>	JAMA Neurology	2020 Apr 1;77(4):500-507	Purchase May Be Required	12/31/2024
6	Hirsch LJ, Fong M W.K, Leitinger M, et al	<u>American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version</u>	Journal of Clinical Neurophysiology	2021 Jan 1;38(1):1-29	No cost	12/31/2024

Topic 5 - Evaluation: EEG (including specialized EEG/stereo EEG/neurophysiology)

	Author	Title	Journal	Edition	Cost	Expiration
1	Trébuchon A, Chauvel P	<u>Electrical Stimulation for Seizure Induction and Functional Mapping in Stereoelectroencephalography</u>	Journal of Clinical Neurophysiology	2016 Dec;33(6):511-521	Purchase May Be Required	12/31/2024
2	Yan H, Katz JS, Anderson M, et al	<u>Method of invasive monitoring in epilepsy surgery and seizure freedom and morbidity: A systematic review</u>	Epilepsia	2019 Sep;60(9):1960-1972	Purchase May Be Required	12/31/2024
3	Baumgartner C, Koren J	<u>Seizure detection using scalp-EEG</u>	Epilepsia	2018 Jun;59 Suppl 1:14-22	Purchase May Be Required	12/31/2024
4	Whitehead K, Kane N, Wardrope A, et al	<u>Proposal for best practice in the use of video-EEG when psychogenic non-epileptic seizures are a possible diagnosis</u>	Clinical Neurophysiology Practice	2017 Jun;2:130-139	No cost	12/31/2024
5	Tatum WO, Mani J, Jin K, et al	<u>Minimum standards for inpatient long-term video-EEG monitoring: A clinical practice guideline of the international league against epilepsy and international federation of clinical neurophysiology</u>	Clinical Neurophysiology	2022 Feb;134:111-128	No cost	12/31/2024
6	Jacobs J, Zijlmans M	<u>HFO to Measure Seizure Propensity and Improve Prognostication in Patients With Epilepsy</u>	Epilepsy Currents	Nov-Dec 2020;20(6):338-347	No cost	12/31/2024

Topic 6 - Evaluation: imaging, neuropsychology and genetic testing

	Author	Title	Journal	Edition	Cost	Expiration
1	Baxendale S, Wilson SJ, Baker GA, et al	<u>Indications and expectations for neuropsychological assessment in epilepsy surgery in children and adults</u> <u>Report of the ILAE Neuropsychology Task Force Diagnostic Methods Commission: 2017-2021</u> <u>Neuropsychological assessment in epilepsy surgery</u>	Epileptic Discord	2019; 21 (3): 221-34	No cost	12/31/2024
2	Bernasconi A, Cendes F, Theodore W, et al	<u>Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force</u>	Epilepsia	2019 Jun;60(6):1054- 1068	Purchase May Be Required	12/31/2024
3	Szaflarski JP, Gloss D, Binder JR, et al	<u>Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy</u>	Neurology	January 24, 2017; 88 (4) SPECIAL ARTICLE	No cost	12/31/2024
4	Fernandez IS, Loddenkemper T, Gainza-Lein, M, et al	<u>Diagnostic yield of genetic tests in epilepsy: A meta-analysis and cost-effectiveness study</u>	Neurology	2019 Jan 4;92(5):e418- e428	Purchase May Be Required	12/31/2024
5	Sheidley BR, Malinowski J, Bergner AL, et al	<u>Genetic testing for the epilepsies: A systematic review</u>	Epilepsia	2022 Feb;63(2):375- 387	Purchase May Be Required	12/31/2024
6	Beniczky S, Wiebe S, Jeppesen J, et al	<u>Automated seizure detection using wearable devices: A clinical practice guideline of the International League Against Epilepsy and the International Federation of Clinical Neurophysiology</u>	Clinical Neurophysiology	2021 May;132(5):1173- 1184	No cost	12/31/2024

Topic 7 - Medical management of seizures: antiseizure medications

	Author	Title	Journal	Edition	Cost	Expiration
1	Lezaic N, Gore G, Josephson C, et al	<u>The medical treatment of epilepsy in the elderly: A systematic review and meta-analysis</u>	Epilepsia	2019 Jul;60(7):1325-1340	Purchase May Be Required	12/31/2024
2	Kanner A, Ashman E, Gloss D, et al	<u>Practice guideline update summary: Efficacy and tolerability of the new antiepileptic drugs II: Treatment-resistant epilepsy</u>	Neurology	2018 Jul 10;91(2):82-90	No cost	12/31/2024
3	Chen Z, Brodie M, Liew D, et al	<u>Treatment Outcomes in Patients with Newly Diagnosed Epilepsy Treated With Established and New Antiepileptic Drugs A 30-Year Longitudinal Cohort Study</u>	JAMA Neurology	2018 Mar 1;75(3):279-286	No cost	12/31/2024
4	Lamberink HJ, Otte WM, Geerts AT, et al	<u>Individualised prediction model of seizure recurrence and long-term outcomes after withdrawal of antiepileptic drugs in seizure-free patients: a systematic review and individual participant data meta-analysis</u>	Lancet Neurology	2017 Jul;16(7):523-531	Purchase May Be Required	12/31/2024
5	Marson A, Burnside G, Appleton R, et al	<u>The SANAD II study of the effectiveness and cost-effectiveness of levetiracetam, zonisamide, or lamotrigine for newly diagnosed focal epilepsy: an open-label, non-inferiority, multicentre, phase 4, randomised controlled trial</u>	The Lancet	2021 Apr 10;397(10282):1363-1374	No cost	12/31/2024
6	Löscher W, Klein P	<u>The Pharmacology and Clinical Efficacy of Antiseizure Medications: From Bromide Salts to Cenobamate and Beyond</u>	CNS Drugs	2021 Sep;35(9):935-963	No cost	12/31/2024

Topic 8-Epilepsy across the age span: neonatal seizures, early-life epilepsies, epilepsy in women of child-bearing age (including pregnancy), epilepsy in the elderly

	Author	Title	Journal	Edition	Cost	Expiration
1	Knupp K, Coryell J, Nickels K, et al	<u>Response to treatment in a prospective national infantile spasms cohort</u>	Annals of Neurology	2016 Mar;79(3):475-84	Purchase May Be Required	12/31/2024
2	Dubey D, Singh J, Britton J, et al	<u>Predictive models in the diagnosis and treatment of autoimmune epilepsy</u>	Epilepsia	2017 Jul;58(7):1181-1189	No cost	12/31/2024
3	Kossoff E, Zupec-Kania BA, Auvin S, et al	<u>Optimal clinical management of children receiving dietary therapies for epilepsy: Updated recommendations of the International Ketogenic Diet Study Group</u>	Epilepsia Open	2018 Jun; 3(2): 175–192	No cost	12/31/2024
4	Haut SR, Gursky JM, Privitera M	<u>Behavioral interventions in epilepsy</u>	Curr Opin Neurology	2019 Apr;32(2):227-236	Purchase May Be Required	12/31/2024
5	Kwon C-S, Jacoby A, Ali A, et al	<u>Systematic review of frequency of felt and enacted stigma in epilepsy and determining factors and attitudes toward persons living with epilepsy—Report from the International League Against Epilepsy Task Force on Stigma in Epilepsy</u>	Epilepsia	2022 Mar;63(3):573-597	Purchase May Be Required	12/31/2024
6	McDonald TJW, Cervenka MC	<u>Ketogenic Diet Therapies for Seizures and Status Epilepticus</u>	Seminars in Neurology	2020 Dec;40(6):719-729	Purchase May Be Required	12/31/2024

Topic 9-Epilepsy surgery/neurostimulation

	Author	Title	Journal	Edition	Cost	Expiration
1	Krucoff MO, Chan AY, Harward SC, et al	<u>Rates and predictors of success and failure in repeat epilepsy surgery: A meta-analysis and systematic review</u>	Epilepsia	2017 Dec;58(12):2133-2142	No cost	12/31/2024
2	Nair DR, Laxer KD, Weber PB, et al	<u>Nine-year prospective efficacy and safety of brain responsive neurostimulation for focal epilepsy</u>	Neurology	2020 Sep 1;95(9):e1244-e1256	No cost	12/31/2024
3	Widjaja E, Jain P, Demoe L, et al	<u>Seizure outcome of pediatric epilepsy surgery: systematic review and meta-analyses</u>	Neurology	2020;94:311-321	Purchase May Be Required	12/31/2024
4	Youngerman B, Save A, McKhann G	<u>Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy for Epilepsy: Systematic Review of Technique, Indications, and Outcomes</u>	Neurosurgery	2020, 86:E366–E382	Purchase May Be Required	12/31/2024
5	Khan M, Paktiawal J, Piper RJ, et al	<u>Intracranial neuromodulation with deep brain stimulation and responsive neurostimulation in children with drug-resistant epilepsy: a systematic review (*)</u>	JNS Pediatrics	2021 Oct 22;1-10	Purchase May Be Required	12/31/2024
6	Salanova V, Sperling MR, Gross RE, et al	<u>The SANTÉ study at 10 years of follow-up: Effectiveness, safety, and sudden unexpected death in epilepsy</u>	Epilepsia	2021 Jun;62(6):1306-1317	Purchase May Be Required	12/31/2024

(*) This article has been retired

Topic 10-Systems-based practice issues (including education, driving, employment, quality of life, professionalism and ethics, and global burden of epilepsy)

	Author	Title	Journal	Edition	Cost	Expiration
1	Jennum P, Christensen J, Ibsen R, et al	<u>Long-term socioeconomic consequences and health care costs of childhood and adolescent-onset epilepsy</u>	Epilepsia	2016 Jul;57(7):1078-85	No cost	12/31/2024
2	Johnson, EL. and Kaplan, PW	<u>Caring for transgender patients with epilepsy</u>	Epilepsia	2017 Oct;58(10):1667-1672	No cost	12/31/2024
3	Spiciarich MC, von Gaudecker JR, Jurasek L, et al	<u>Global Health and Epilepsy: Update and Future Directions</u>	Current Neurology and Neuroscience Reports	2019 May 1;19(6):30	Purchase May Be Required	12/31/2024
4	Baranowski CJ	<u>The quality of life of older adults with epilepsy: A systematic review</u>	Seizure	2018 Aug;60:190-197	No cost	12/31/2024
5	Kass JS, Rose RV	<u>Driving and Epilepsy: Ethical, Legal, and Health Care Policy Challenges</u>	Continuum	2019 Apr;25(2):537-542	Purchase May Be Required	12/31/2024
6	Samanta D, Ostendorf AP, Willis E, et al	<u>Underutilization of epilepsy surgery: Part I: A scoping review of barriers</u>	Epilepsy & Behavior	2021 Apr;117:107837	Purchase May Be Required	12/31/2024

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