

Appendix J. Excluded Studies (with reasons for exclusion)

Table J1. Excluded Studies (with reasons for exclusion)

Reference	Reason for Exclusion
Aaberg, K. M., Bakken, I. J., Lossius, M. I., Lund Soraas, C., Tallur, K. K., Stoltenberg, C., Chin, R., Suren, P.. Short-term Seizure Outcomes in Childhood Epilepsy. <i>Pediatrics</i> . 2018. 141:06	Not intervention of interest
Aalbers, M. W., Klinkenberg, S., Rijkers, K., Verschuure, P., Kessels, A., Aldenkamp, A., Vles, J., Majoie, M.. The effects of vagus nerve stimulation on pro- and anti-inflammatory cytokines in children with refractory epilepsy: an exploratory study. <i>Neuroimmunomodulation</i> . 2012. 19:352-8	Not outcomes of interest
Aaronson, S. T.. Results of a multicenter dose finding study of VNS in treatment-refractory depression. <i>Biological psychiatry</i> .. 2012. 71:126S-127S	Not appropriate publication type or study design
Aaronson, Scott T., Sears, Peter, Ruvuna, Francis, Bunker, Mark, Conway, Charles R., Dougherty, Darin D., Reimherr, Frederick W., Schwartz, Thomas L., Zajecka, John M.. "A 5-year observational study of patients with treatment-resistant depression treated with vagus nerve stimulation or treatment as usual: Comparison of response, remission, and suicidality": Correction. <i>The American Journal of Psychiatry</i> . 2017. 174:907	Not appropriate publication type or study design
Aburahma, S. K., Alzoubi, F. Q., Hammouri, H. M., Masri, A.. Vagus nerve stimulation therapy in a developing country: a long term follow up study and cost utility analysis. <i>Seizure</i> . 2015. 25:167-72	Not appropriate setting or country
Aihua, L., Lu, S., Liping, L., Xiuru, W., Hua, L., Yuping, W.. A controlled trial of transcutaneous vagus nerve stimulation for the treatment of pharmacoresistant epilepsy. <i>Epilepsy & Behavior</i> . 2014. 39:105-10	Not appropriate setting or country
Air, E. L., Ghomri, Y. M., Tyagi, R., Grande, A. W., Crone, K., Mangano, F. T.. Management of vagal nerve stimulator infections: do they need to be removed?. <i>Journal of Neurosurgery. Pediatrics</i> .. 2009. 3:73-8	No comparator or not comparator of interest
Al Muallem, Y., Al Dogether, M., Al Ateeq, A., Al Moammery, E., Al Ghamdi, H., Almeshari, M., Househ, M.. Vagal Nerve Stimulation (VNS) Therapy System Implementation at a Neurology Department in Saudi Arabia. <i>Studies in Health Technology & Informatics</i> . 2015. 213:37-40	Not appropriate publication type or study design
Al Omari, A. I., Alzoubi, F. Q., Alsalem, M. M., Aburahma, S. K., Mardini, D. T., Castellanos, P. F.. The vagal nerve stimulation outcome, and laryngeal effect: Otolaryngologists roles and perspective. <i>American Journal of Otolaryngology</i> . 2017. 38:408-413	No comparator or not comparator of interest
Albert, U., Maina, G., Aguglia, A., Vitalucci, A., Bogetto, F., Fronda, C., Ducati, A., Lanotte, M.. Vagus nerve stimulation for treatment-resistant mood disorders: a long-term naturalistic study. <i>BMC Psychiatry</i> . 2015. 15:64	Not appropriate publication type or study design
Al-Harbi, K. S.. Treatment-resistant depression: therapeutic trends, challenges, and future directions. <i>Patient preference & adherence</i> . 2012. 6:369-88	Not appropriate publication type or study design
Alonso-Vanegas, M. A., Austria-Velasquez, J., Lopez-Gomez, M., Brust-Mascher, E.. Chronic intermittent vagal nerve stimulation in the treatment of refractory epilepsy: experience in Mexico with 35 cases. <i>Cirugia y Cirujanos</i> . 2010. 78:15-23, 24	No comparator or not comparator of interest
Al-Said, Y., Baeesa, S., Khalid, M., Abdeen, M., Kayyali, H. R.. Vagus nerve stimulation for refractory epilepsy: experience from Saudi Arabia. <i>Annals of Saudi Medicine</i> . 2015. 35:41-5	No comparator or not comparator of interest

Reference	Reason for Exclusion
Amin, S.,Majumdar,A.,Mallick, A. A.,Patel, J.,Scatchard, R.,Partridge, C. A.,Lux, A.. Caregiver's perception of epilepsy treatment,quality of life and comorbidities in an international cohort of CDKL5 patients. <i>Hippokratia</i> . 2017. 21:130-135	No comparator or not comparator of interest
Andrade, P.,Noblesse,L. H.,Temel, Y.,Ackermans, L.,Lim, L. W.,Steinbusch, H. W., Visser-Vandewalle,V.. Neurostimulatory and ablative treatment options in major depressive disorder: a systematic review. <i>Acta Neurochirurgica</i> . 2010. 152:565-77	Not appropriate publication type or study design
Anonymous,. . Canadian Agency for Drugs and Technologies in Health. <i>CADTH Rapid Response Reports</i> . 2014. 11:03	Not intervention of interest
Arcand, J.,Waterhouse,K.,Hernandez-Ronquillo, L.,Vitali, A.,Tellez-Zenteno, J. F.. Efficacy of Vagal Nerve Stimulation for Drug-Resistant Epilepsy: Is it the Stimulation or Medication?. <i>Canadian Journal of Neurological Sciences</i> . 2017. 44:532-537	No comparator or not comparator of interest
Arcos, A.,Romero,L.,Gelabert, M.,Prieto, A.,Pardo, J.,Osorio, X. R.,Arraez, M. A.. Can we predict the response in the treatment of epilepsy with vagus nerve stimulation?. <i>Neurosurgical Review</i> . 2014. 37:661-8	No comparator or not comparator of interest
Arhan, E.,Serdaroglu,A.,Kurt, G.,Bilir, E.,Durdag, E.,Erdem, A.,Aksakal, F. N., Ozcelik,A.,Baykaner, K.. The efficacy of vagal nerve stimulation in children with pharmacoresistant epilepsy: practical experience at a Turkish tertiary referral center. <i>European Journal of Paediatric Neurology</i> . 2010. 14:334-9	No comparator or not comparator of interest
Arya, R.,Greiner,H. M.,Lewis, A.,Horn, P. S.,Mangano, F. T.,Gonsalves, C.,Holland, K. D.. Predictors of response to vagus nerve stimulation in childhood-onset medically refractory epilepsy. <i>Journal of Child Neurology</i> . 2014. 29:1652-9	No comparator or not comparator of interest
Arya, R.,Greiner,H. M.,Lewis, A.,Mangano, F. T.,Gonsalves, C.,Holland, K. D., Glauser,T. A.. Vagus nerve stimulation for medically refractory absence epilepsy. <i>Seizure</i> . 2013. 22:267-70	Not appropriate publication type or study design
Awaad, Yasser,Rizk,Tamer,Roosen, Norbert,McIntosh, Kelly A.,Waines, Michael. Vagus nerve stimulation in a pediatric population: Surgical technique considerations. <i>Journal of Pediatric Neurology</i> . 2011. 9:9-13	No comparator or not comparator of interest
Bajbouj, M.,Merkl,A.,Schlaepfer, T. E.,Frick, C.,Zobel, A.,Maier, W.,O'Keane, V., Corcoran,C.,Adolfsson, R.,Trimble, M.,Rau, H.,Hoff, H. J.,Padberg, F.,Muller-Siecheneder,F.,Audenaert, K.,van den Abbeele, D.,Matthews, K.,Christmas, D., Eljamel,S.,Heuser, I.. Two-year outcome of vagus nerve stimulation in treatment-resistant depression. <i>Journal of Clinical Psychopharmacology</i> . 2010. 30:273-81	No comparator or not comparator of interest
Bao, M.,Zhou,J.,Luan, G. M.. Treatment of drug-resistant epilepsy with vagus nerve stimulation -- review of 45 cases. <i>Chinese Medical Journal</i> . 2011. 124:4184-8	No comparator or not comparator of interest
Barbella, G.,Cocco,I.,Freri, E.,Marotta, G.,Visani, E.,Franceschetti, S.,Casazza, M.. Transcutaneous vagal nerve stimulation (t-VNS): An adjunctive treatment option for refractory epilepsy. <i>Seizure</i> . 2018. 60:115-119	No comparator or not comparator of interest
Baweja, R.,Singareddy,R.. Concomitant use of maintenance ECT and vagus nerve stimulation for more than 10 years in treatment-resistant depression. <i>American Journal of Psychiatry</i> . 2013. 170:1059-61	Not appropriate publication type or study design
Benbadis, S. R.,Geller,E.,Ryvlin, P.,Schachter, S.,Wheless, J.,Doyle, W.,Vale, F. L.. Putting it all together: Options for intractable epilepsy: An updated algorithm on the use of epilepsy surgery and neurostimulation. <i>Epilepsy & Behavior</i> . 2018. 88S:33-38	Not appropriate publication type or study design
Ben-Menachem, E.,Rydenhag,B.,Silander, H.. Preliminary experience with a new system for vagus nerve stimulation for the treatment of refractory focal onset seizures. <i>Epilepsy & Behavior</i> . 2013. 29:416-9	No comparator or not comparator of interest

Reference	Reason for Exclusion
Ben-Menachem, E. Quality of life and the antidepressant effects of vagus nerve stimulation (VNS) in patients with epilepsy. <i>Epilepsy & behavior</i> . 2010. 17:587-	Not appropriate publication type or study design
Bernstein, Allan L., Hess, Terry. Corrigendum to "Vagus nerve stimulation therapy for pharmacoresistant epilepsy: Effect on health care utilization". <i>Epilepsy & Behavior</i> . 2011. 22:819	Not appropriate publication type or study design
Bialer, M., Johannessen, S. I., Koepp, M. J., Levy, R. H., Perucca, E., Tomson, T., White, H. S. A summary of data presented at the XIV conference on new antiepileptic drug and devices (EILAT XIV). <i>Epilepsy Research</i> . 2019. 153:66-67	Not appropriate publication type or study design
Bindra, A., Chouhan, R. S., Prabhakar, H., Chandra, P. S., Tripathi, M. Perioperative anesthetic implications of epilepsy surgery: a retrospective analysis. <i>Journal of Anesthesia</i> . 2015. 29:229-34	Not appropriate setting or country
Bodin, E., Le Moing, A. G., Bourel-Ponchel, E., Querne, L., Toussaint, P., Berquin, P. Vagus nerve stimulation in the treatment of drug-resistant epilepsy in 29 children. <i>European Journal of Paediatric Neurology</i> . 2016. 20:346-51	No comparator or not comparator of interest
Boon, P., Vonck, K., van Rijckevorsel, K., El Tahry, R., Elger, C. E., Mullatti, N., Schulze-Bonhage, A., Wagner, L., Diehl, B., Hamer, H., Reuber, M., Kostov, H., Legros, B., Noachtar, S., Weber, Y. G., Coenen, V. A., Rooijakkers, H., Schijns, O. E., Selway, R., Van Roost, D., Eggleston, K. S., Van Grunderbeek, W., Jayewardene, A. K., McGuire, R. M. A prospective, multicenter study of cardiac-based seizure detection to activate vagus nerve stimulation. <i>Seizure</i> . 2015. 32:52-61	No comparator or not comparator of interest
Brodtkorb, E., Samsonsen, C., Jorgensen, J. V., Helde, G. Epilepsy patients with and without perceived benefit from vagus nerve stimulation: A long-term observational single center study. <i>Seizure</i> . 2019. 72:28-32	No comparator or not comparator of interest
Brunoni, A. R., Teng, C. T., Correa, C., Imamura, M., Brasil-Neto, J. P., Boechat, R., Rosa, M., Caramelli, P., Cohen, R., Del Porto, J. A., Boggio, P. S., Fregni, F. Neuromodulation approaches for the treatment of major depression: challenges and recommendations from a working group meeting. <i>Arquivos de Neuro-Psiquiatria</i> . 2010. 68:433-51	Not appropriate publication type or study design
Burakgazi, A. Z., Burakgazi-Dalkilic, E., Caputy, A. J., Potolicchio, S. J. The correlation between vagus nerve stimulation efficacy and partial onset epilepsies. <i>Journal of Clinical Neurophysiology</i> . 2011. 28:380-3	No comparator or not comparator of interest
Burke, T., Hughes, D., Forsey, J., Bunker, M., Bhattacharya, D., Smithson, W. H. A study of the impact of VNS on health care utilisation in England. <i>Seizure</i> . 2016. 34:12-7	Not appropriate setting or country
Cadeddu, C., Deidda, M., Mercuro, G., Tuveri, A., Muroi, A., Nocco, S., Puligheddu, M., Maleci, A., Marrosu, F. Cardiovascular modulation during vagus nerve stimulation therapy in patients with refractory epilepsy. <i>Epilepsy Research</i> . 2010. 92:145-52	No comparator or not comparator of interest
Calle-Lopez, Y., Ladino, L. D., Benjumea-Cuartas, V., Castrillon-Velilla, D. M., Tellez-Zenteno, J. F., Wolf, P. Forced normalization: A systematic review. <i>Epilepsia</i> . 2019. 60:1610-1618	Not appropriate publication type or study design
Camp, C., Smithson, W. H., Bunker, M., Burke, T., Hughes, D. Impact of vagus nerve stimulation on secondary care burden in children and adults with epilepsy: Review of routinely collected hospital data in England. <i>Epilepsy & Behavior</i> . 2015. 52:68-73	No comparator or not comparator of interest
Cersosimo, R. O., Bartuluchi, M., De Los Santos, C., Bonvehi, I., Pomata, H., Caraballo, R. H. Vagus nerve stimulation: effectiveness and tolerability in patients with epileptic encephalopathies. <i>Childs Nervous System</i> . 2011. 27:787-92	No comparator or not comparator of interest

Reference	Reason for Exclusion
Cersosimo, R. O., Bartuluchi, M., Fortini, S., Soraru, A., Pomata, H., Caraballo, R. H.. Vagus nerve stimulation: effectiveness and tolerability in 64 paediatric patients with refractory epilepsies. <i>Epileptic Disorders</i> . 2011. 13:382-8	No comparator or not comparator of interest
Champeaux, C., Landre, E., Chassoux, F., Mann, M. W., Devaux, B., Turak, B.. Vagus Nerve Stimulation Removal or Replacement Involving the Lead and the Electrode: Surgical Technique, Institutional Experience and Outcome. <i>World Neurosurgery</i> . 2017. 99:275-281	No comparator or not comparator of interest
Chandra, P. S., Tripathi, M.. Epilepsy surgery: recommendations for India. <i>Annals of Indian Academy of Neurology</i> . 2010. 13:87-93	Other
Chen, C. Y., Lee, H. T., Chen, C. C., Kwan, S. Y., Chen, S. J., Hsieh, L. P., Tsai, J. D., Taiwan Child Neurology Society, V. N. S. Study Group. Short-term results of vagus nerve stimulation in pediatric patients with refractory epilepsy. <i>Pediatrics & Neonatology</i> . 2012. 53:184-7	No comparator or not comparator of interest
Chen, R., Spencer, D. C., Weston, J., Nolan, S. J.. Transcranial magnetic stimulation for the treatment of epilepsy. <i>Cochrane Database of Systematic Reviews</i> . 2016. #volume#: #pages#	Not intervention of interest
Chi, Ctr Inr. A clinical study on the anti-inflammatory effect of auricular acupuncture for depression: based on auricular branch of vagal nerve. http://www.who.int/trialsearch/Trial2.aspx?TrialID=ChiCTR-INR-17011997 . 2017. #volume#: #pages#	Not appropriate publication type or study design
Chi, Ctr Ipr. Neuromodulation for refractory epilepsy management. http://www.who.int/trialsearch/Trial2.aspx?TrialID=ChiCTR-IPR-14005721 . 2014. #volume#: #pages#	Not appropriate publication type or study design
Chi, Ctr Trc. Clinical trial of vagus nerve stimulation for treatment of refractory epilepsy. http://www.who.int/trialsearch/Trial2.aspx?TrialID=ChiCTR-TRC-14005138 . 2014. #volume#: #pages#	Other
Ching, J., Khan, S., White, P., Reed, J., Ramnarine, D., Sieradzan, K., Sandeman, D.. Long-term effectiveness and tolerability of vagal nerve stimulation in adults with intractable epilepsy: a retrospective analysis of 100 patients. <i>British Journal of Neurosurgery</i> . 2013. 27:228-34	No comparator or not comparator of interest
Choi, S. J., Hong, S. C., Seo, D. W., Joo, E. Y., Cho, J. R., Hwang, K. J., Kim, J. Y., Hong, S. B.. Long-Term Outcome of Vagus Nerve Stimulation for Refractory Epilepsy: A Longitudinal 4 year Follow-up Study in Korea. <i>Journal of Epilepsy Research</i> . 2013. 3:16-20	No comparator or not comparator of interest
Chrastina, J., Kocvarova, J., Novak, Z., Dolezalova, I., Svoboda, M., Brazdil, M.. Older Age and Longer Epilepsy Duration Do Not Predict Worse Seizure Reduction Outcome after Vagus Nerve Stimulation. <i>Journal of Neurological Surgery</i> . 2018. 79:152-158	No comparator or not comparator of interest
Chrastina, J., Novak, Z., Zeman, T., Kocvarova, J., Pail, M., Dolezalova, I., Jarkovsky, J., Brazdil, M.. Single-center long-term results of vagus nerve stimulation for epilepsy: A 10-17 year follow-up study. <i>Seizure</i> . 2018. 59:41-47	No comparator or not comparator of interest
Christmas, D., Matthews, K.. Neurosurgical Treatments for Patients with Chronic, Treatment-Refractory Depression: A Retrospective, Consecutive, Case Series Comparison of Anterior Capsulotomy, Anterior Cingulotomy and Vagus Nerve Stimulation. <i>Stereotactic & Functional Neurosurgery</i> . 2015. 93:387-92	Not appropriate publication type or study design
Christmas, D., Steele, J. D., Tolomeo, S., Eljamel, M. S., Matthews, K.. Vagus nerve stimulation for chronic major depressive disorder: 12-month outcomes in highly treatment-refractory patients. <i>Journal of Affective Disorders</i> . 2013. 150:1221-5	No comparator or not comparator of interest
Colicchio, G., Montano, N., Fuggetta, F., Papacci, F., Signorelli, F., Meglio, M.. Vagus nerve stimulation in drug-resistant epilepsies. Analysis of potential prognostic	No comparator or not comparator of interest

Reference	Reason for Exclusion
factors in a cohort of patients with long-term follow-up. <i>Acta Neurochirurgica</i> . 2012. 154:2237-40	
Colicchio, G.,Policicchio,D.,Barbati, G.,Cesaroni, E.,Fuggetta, F.,Meglio, M., Papacci, F.,Rychlicki,F.,Scerrati, M.,Zamponi, N.. Vagal nerve stimulation for drug-resistant epilepsies in different age,aetiology and duration. <i>Childs Nervous System</i> . 2010. 26:811-9	No comparator or not comparator of interest
Constantinescu,V.,Matei, D.,Constantinescu, I.,Cuciureanu, D. I.. Heart Rate Variability and Vagus Nerve Stimulation in Epilepsy Patients. <i>Translational Neuroscience</i> . 2019. 10:223-232	No comparator or not comparator of interest
Conway, C. R.,Chibnall,J. T.,Gangwani, S.,Mintun, M. A.,Price, J. L.,Hershey, T., Giuffra, L. A.,Bucholz, R. D.,Christensen, J. J.,Sheline, Y. I.. Pretreatment cerebral metabolic activity correlates with antidepressant efficacy of vagus nerve stimulation in treatment-resistant major depression: a potential marker for response?. <i>Journal of Affective Disorders</i> . 2012. 139:283-90	No comparator or not comparator of interest
Conway, C. R.,Chibnall,J. T.,Gebara, M. A.,Price, J. L.,Snyder, A. Z.,Mintun, M. A., Craig,A. D.,Cornell, M. E.,Perantie, D. C.,Giuffra, L. A.,Bucholz, R. D.,Sheline,Y. I.. Association of cerebral metabolic activity changes with vagus nerve stimulation antidepressant response in treatment-resistant depression. <i>Brain Stimulation</i> . 2013. 6:788-97	No comparator or not comparator of interest
Conway, C. R.,Sheline,Y. I.,Chibnall, J. T.,Bucholz, R. D.,Price, J. L.,Gangwani, S., Mintun,M. A.. Brain blood-flow change with acute vagus nerve stimulation in treatment-refractory major depressive disorder. <i>Brain Stimulation</i> . 2012. 5:163-71	No comparator or not comparator of interest
Couch, J. D.,Gilman,A. M.,Doyle, W. K.. Long-term Expectations of Vagus Nerve Stimulation: A Look at Battery Replacement and Revision Surgery. <i>Neurosurgery</i> . 2016. 78:42-6	No comparator or not comparator of interest
Coykendall, D. S.,Gauderer, M. W.,Blouin, R. R.,Morales, A.. Vagus nerve stimulation for the management of seizures in children: an 8-year experience. <i>Journal of Pediatric Surgery</i> . 2010. 45:1479-83	No comparator or not comparator of interest
Cristancho, P.,Cristancho,M. A.,Baltuch, G. H.,Thase, M. E.,O'Reardon, J. P.. Effectiveness and safety of vagus nerve stimulation for severe treatment-resistant major depression in clinical practice after FDA approval: outcomes at 1 year. <i>Journal of Clinical Psychiatry</i> . 2011. 72:1376-82	No comparator or not comparator of interest
Cukiert, A.,Cukiert,C. M.,Burattini, J. A.,Lima, A. M.,Forster, C. R.,Baise, C., Argentoni-Baldochi,M.. A prospective long-term study on the outcome after vagus nerve stimulation at maximally tolerated current intensity in a cohort of children with refractory secondary generalized epilepsy. <i>Neuromodulation</i> . 2013. 16:551-6; discussion 556	No comparator or not comparator of interest
Cukiert, A.,Cukiert,C. M.,Burattini, J. A.,Lima, A. M.,Forster, C. R.,Baise, C., Argentoni-Baldochi,M.. Long-term outcome after callosotomy or vagus nerve stimulation in consecutive prospective cohorts of children with Lennox-Gastaut or Lennox-like syndrome and non-specific MRI findings. <i>Seizure</i> . 2013. 22:396-400	Not appropriate setting or country
Curatolo, P.,Jozwiak,S.,Nabbout, R.,T. S. C. Consensus Meeting for SEGA, Epilepsy, Management. Management of epilepsy associated with tuberous sclerosis complex (TSC): clinical recommendations. <i>European Journal of Paediatric Neurology</i> . 2012. 16:582-6	Other
Dalal, K.,Devarajan,E.,Pandey, R. M.,Subbiah, V.,Tripathi, M.. Role of reflexology and antiepileptic drugs in managing intractable epilepsy--a randomized controlled trial. <i>Forschende Komplementarmedizin (2006)</i> . 2013. 20:104-11	Not intervention of interest
de Kinderen, R. J.,Postulart, D.,Aldenkamp, A. P.,Evers, S. M.,Lambrechts, D. A., Louw,A. J.,Majoie, M. H.,Grutters, J. P.. Cost-effectiveness of the ketogenic diet	Not appropriate setting or country

Reference	Reason for Exclusion
and vagus nerve stimulation for the treatment of children with intractable epilepsy. <i>Epilepsy Research</i> . 2015. 110:119-31	
De Taeye, L., Vonck, K., van Bochove, M., Boon, P., Van Roost, D., Mollet, L., Meurs, A., De Herdt, V., Carrette, E., Dauwe, I., Gadeyne, S., van Mierlo, P., Verguts, T., Raedt, R.. The P3 event-related potential is a biomarker for the efficacy of vagus nerve stimulation in patients with epilepsy. <i>Neurotherapeutics</i> . 2014. 11:612-22	No comparator or not comparator of interest
de Vos, C. C., Melching, L., van Schoonhoven, J., Ardesch, J. J., de Weerd, A. W., van Lambalgen, H. C., van Putten, M. J.. Predicting success of vagus nerve stimulation (VNS) from interictal EEG. <i>Seizure</i> . 2011. 20:541-5	No comparator or not comparator of interest
Dell'Osso, B., Oldani, L., Palazzo, M. C., Balossi, I., Ciabatti, M., Altamura, A. C.. Vagus nerve stimulation in treatment-resistant depression: acute and follow-up results of an Italian case series. <i>Journal of ECT</i> . 2013. 29:41-4	Not appropriate publication type or study design
Desbeaumes Jodoin, V., Richer, F., Miron, J. P., Fournier-Gosselin, M. P., Lesperance, P.. Long-term Sustained Cognitive Benefits of Vagus Nerve Stimulation in Refractory Depression. <i>Journal of ECT</i> . 2018. 34:283-290	No comparator or not comparator of interest
Dibue-Adjei, M., Brigo, F., Yamamoto, T., Vonck, K., Trinka, E.. Vagus nerve stimulation in refractory and super-refractory status epilepticus - A systematic review. <i>Brain Stimulation</i> . 2019. 12:1101-1110	Not appropriate population
Dlouhy, B. J., Miller, B., Jeong, A., Bertrand, M. E., Limbrick, D. D., Jr., Smyth, M. D.. Palliative epilepsy surgery in Dravet syndrome-case series and review of the literature. <i>Childs Nervous System</i> . 2016. 32:1703-8	No comparator or not comparator of interest
Dlouhy, B. J., Viljoen, S. V., Kung, D. K., Vogel, T. W., Granner, M. A., Howard, M. A., 3rd, Kawasaki, H.. Vagus nerve stimulation after lead revision. <i>Neurosurgical Focus</i> . 2012. 32:E11	No comparator or not comparator of interest
Donadio, M., D'Giano, C., Moussalli, M., Barrios, L., Ugarnes, G., Segalovich, M., Pocięcha, J., Vazquez, C., Petre, C., Pomata, H.. Epilepsy surgery in Argentina: long-term results in a comprehensive epilepsy centre. <i>Seizure</i> . 2011. 20:442-5	No comparator or not comparator of interest
Drks.. A randomized, controlled, double-blind, two-arm clinical trial to assess safety and efficacy of transcutaneous vagus nerve stimulation (t-VNS®) in patients with drug-resistant epilepsy. http://www.who.int/trialssearch/Trial2.aspx?TrialID=DRKS00003689 . 2012. #volume#:#pages#	Other
Eich, S., Muller, O., Schulze-Bonhage, A.. Changes in self-perception in patients treated with neurostimulating devices. <i>Epilepsy & Behavior</i> . 2019. 90:25-30	Not appropriate publication type or study design
Ekstein, D.. What can we learn from the first cohort of vagus nerve stimulation-treated epilepsy patients in Israel?. <i>Israel Medical Association Journal: Imaj</i> . 2013. 15:710-1	Not appropriate publication type or study design
El Tahry, R., De Herdt, V., Raedt, R., Van Dycke, A., Meurs, A., Dewaele, F., Boon, P., Van Roost, D., Vonck, K.. Evolution in VNS therapy for refractory epilepsy, experience with Demipulse devices at Ghent University Hospital. <i>Seizure</i> . 2010. 19:531-5	No comparator or not comparator of interest
Elliott, R. E., Carlson, C., Kalhorn, S. P., Moshel, Y. A., Weiner, H. L., Devinsky, O., Doyle, W. K.. Refractory epilepsy in tuberous sclerosis: vagus nerve stimulation with or without subsequent resective surgery. <i>Epilepsy & Behavior</i> . 2009. 16:454-60	No comparator or not comparator of interest
Elliott, R. E., Morsi, A., Geller, E. B., Carlson, C. C., Devinsky, O., Doyle, W. K.. Impact of failed intracranial epilepsy surgery on the effectiveness of subsequent vagus nerve stimulation. <i>Neurosurgery</i> . 2011. 69:1210-7	No comparator or not comparator of interest

Reference	Reason for Exclusion
Elliott, R. E., Morsi, A., Kalhorn, S. P., Marcus, J., Sellin, J., Kang, M., Silverberg, A., Rivera, E., Geller, E., Carlson, C., Devinsky, O., Doyle, W. K.. Vagus nerve stimulation in 436 consecutive patients with treatment-resistant epilepsy: long-term outcomes and predictors of response. <i>Epilepsy & Behavior</i> . 2011. 20:57-63	No comparator or not comparator of interest
Elliott, R. E., Morsi, A., Tanweer, O., Grobelny, B., Geller, E., Carlson, C., Devinsky, O., Doyle, W. K.. Efficacy of vagus nerve stimulation over time: review of 65 consecutive patients with treatment-resistant epilepsy treated with VNS > 10 years. <i>Epilepsy & Behavior</i> . 2011. 20:478-83	No comparator or not comparator of interest
Elliott, R. E., Rodgers, S. D., Bassani, L., Morsi, A., Geller, E. B., Carlson, C., Devinsky, O., Doyle, W. K.. Vagus nerve stimulation for children with treatment-resistant epilepsy: a consecutive series of 141 cases. <i>Journal of Neurosurgery. Pediatrics</i> . 2011. 7:491-500	No comparator or not comparator of interest
Englot, D. J., Chang, E. F., Auguste, K. I.. Efficacy of vagus nerve stimulation for epilepsy by patient age, epilepsy duration, and seizure type. <i>Neurosurgery Clinics of North America</i> . 2011. 22:443-8, v	Not outcomes of interest
Englot, D. J., Hassnain, K. H., Rolston, J. D., Harward, S. C., Sinha, S. R., Haglund, M. M.. Quality-of-life metrics with vagus nerve stimulation for epilepsy from provider survey data. <i>Epilepsy & Behavior</i> . 2017. 66:4-9	No comparator or not comparator of interest
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Hancock, E. C., Cross, J. H.. Treatment of Lennox-Gastaut syndrome. <i>Cochrane Database of Systematic Reviews</i> . 2013. #volume#: #pages#	Not intervention of interest
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Lotufo, P. A.,Valiengo,L.,Bensenor, I. M.,Brunoni, A. R.. A systematic review and meta-analysis of heart rate variability in epilepsy and antiepileptic drugs. <i>Epilepsia</i> . 2012. 53:272-82	Not outcomes of interest
Luan, G.,Bao,M.,Zhou, J.. Effect of vagus nerve stimulation on blood neuropeptides in epilepsy patients. <i>Neuromodulation</i> . 2013. 16:e182-	Not appropriate publication type or study design
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