

Refractory status epilepticus treatment

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The treatment [protocol](#) for [refractory status epilepticus](#) is intensive and includes [benzodiazepines](#), [anticonvulsants](#), and eventually [anesthetics](#) for [induced coma](#) when polypharmacy is exhausted ¹⁾.

If seizures continue or recur after 24 hours following treatment with anesthetics, it is termed [super refractory status epilepticus](#) (SRSE). Because of high [mortality](#) with polypharmacy and continuous [anesthetic](#) use, there has been a great interest to use nonmedicinal devices like VNS ²⁾.

Vagus nerve stimulation for refractory status epilepticus treatment

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1)

D. A. Greenberg, M. J. Aminof, and R. P. Simon, Clinical Neurology, McGraw-Hill Education, New York, NY, USA, 9th edition, 2015.

2)

Kurukumbi M, Leiphart J, Asif A, Wang J. Vagus Nerve Stimulation (VNS) in Super Refractory New Onset Refractory Status Epilepticus (NORSE). Case Rep Neurol Med. 2019 Jan 21;2019:7852017. doi: 10.1155/2019/7852017. eCollection 2019. PubMed PMID: 30805233; PubMed Central PMCID: PMC6360559.

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