



# SGB for PTSD and Anxiety Research

Click on the title in order to open the study

 Denotes randomized clinical trial

DATE	TITLE (CLICK TO READ)	CORE AUTHOR	WHY THIS MATTERS?
May 1926	THE TREATMENT OF CARDIAC PAIN BY PARAVERTEBRAL ALCOHOL BLOCK	GEORGE I. SWETLOW, M.D.	First SGB performed
July 1947	The Effects of Bilateral Stellate Ganglion Block on Mental Depression; Report of 3 Cases	L J KARNOSH	First time SGB used for treatment of mental condition
Feb 1992	[Complications and side effects of stellate ganglion blockade. Results of a questionnaire survey]	GEORGE I. SWETLOW, M.D.	Speaks to safety of SGB (45,000 sample)
Oct 2008	<a href="https://www.ncbi.nlm.nih.gov/pubmed/19034755">https://www.ncbi.nlm.nih.gov/pubmed/19034755</a>	Gene Lipov	First study of SGB as treatment for PTSD
Feb 2010	Successful Use of Stellate Ganglion Block and Pulsed Radiofrequency in the Treatment of Posttraumatic Stress Disorder: A Case Report	Gene Lipov	Furthering research of SGB (inc. pulsed radio frequency) for PTSD
Feb 2013	Stellate ganglion block improves refractory post-traumatic stress disorder and associated memory dysfunction: a case report and systematic literature review.	Gene Lipov	Furthering research of SGB for PTSD
Apr 2014	Use of Stellate Ganglion Block for Refractory Post-Traumatic Stress Disorder: A Review of Published Cases	Maryam Navaie	Furthering research of SGB for PTSD
Aug 2014	Stellate Ganglion Block Used to Treat Symptoms Associated With Combat-Related Post-Traumatic Stress Disorder: A Case Series of 166 Patients	Sean Mulvaney	Furthering research of SGB for PTSD
May 2015	Neurocognitive Performance is Not Degraded After Stellate Ganglion Block Treatment for Post-Traumatic Stress Disorder: A Case Series	Sean Mulvaney	Furthering research of SGB for PTSD

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Oct 2015	Neuroimaging Suggests that Stellate Ganglion Block Improves Post-Traumatic Stress Disorder (PTSD) Through an Amygdala Mediated Mechanism	Michael T. Alkire	First study showing SGB's impact on the brain w/ neuroimaging
Sept 2016	Effect of Stellate Ganglion Block on Specific Symptom Clusters for Treatment of Post-Traumatic Stress Disorder	Colonel James Lynch, M.D.	Furthering research of SGB for PTSD
Oct 2016	Stellate Ganglion Block in the Treatment of Post-traumatic Stress Disorder: A Review of Historical and Recent Literature	Mary R Summers	Comprehensive review of historical SGB for PTSD literature
 Nov 2019	Effect of Stellate Ganglion Block Treatment on Posttraumatic Stress Disorder Symptoms A Randomized Clinical Trial	Kristine L. Rae Olmsted, MSPH, Research Epidemiologist, RTI International	First SGB for PTSD RCT; Shows SGB effective for treatment of PTSD
Jun 2020	Comparison C6 Stellate Ganglion versus C6 and C4 Cervical Sympathetic Chain Blocks for Treatment of Posttraumatic Stress Disorder (PTSD) Analysis of 147 Patients	Sean Mulvaney	First evaluation of C6 and C4 sequential blocks vs. C6 only
Aug 2020	Stellate ganglion block treats posttraumatic stress: An example of precision mental health	James Lynch	Furthering research of SGB for PTSD
Feb 2021	The Successful Use of Left-sided Stellate Ganglion Block in Patients That Fail to Respond to Right-sided Stellate Ganglion Block for the Treatment of Post-traumatic Stress Disorder Symptoms: A Retrospective Analysis of 205 Patients	Sean Mulvaney	First analysis of left-sided SGB for PTSD
Jan 2022	Utility of cervical sympathetic block in treating Post traumatic Stress Disorder in multiple cohorts. A retrospective analysis	Gene Lipov	Furthering research of SGB for PTSD
May 2023	Stellate Ganglion Block Reduces Anxiety Symptoms by Half: A Case Series of 285 Patients	Sean Mulvaney	First review of anxiety only symptoms