

- Aghajanzadeh M, Alavi A, Aghajanzadeh G, Massahania S. *Stiff man syndrome with invasive thymic carcinoma.* Arch Iran Med. 2013;16(3):195-6. doi: 013163/AIM.0016. http://www.aimjournal.ir/pdffiles/35_march13_0016.pdf
- Ahmed SN, Bertorini TE, Narayanaswami P, Senthilkumar K. *Clinical Approach to a Patient Presenting With Muscle Stiffness.* Journal of Clinical Neuromuscular Disease 2003;4:3, 150-160.
- Alexopoulos H, Akrivou S, Dalakas MC. *Glycine receptor antibodies in stiff-person syndrome and other GAD-positive CNS disorders.* Neurology. 2013 Nov 26;81(22):1962-4. doi: 10.1212/01.wnl.0000436617.40779.65.
- Alexopoulos H, Dalakas MC. *A critical update on the immunopathogenesis of stiff-person syndrome.* Eur J Clin Invest. 2010;40(11):1018-1025. doi: 10.1111/j.1365-2362.2010.02340.x.
<http://www.ncbi.nlm.nih.gov/pubmed/20636380>
- Alexopoulos H, Dalakas MC. *Stiff Person Syndrome.* In: Encyclopedia of the Neurological Sciences. Elsevier, 2014:312-314.
- Ali F, Rowley M, Jayakrishnan B, Teuber S, Gershwin ME, Mackay IR. *Stiff person syndrome and anti-GAD related CNS degenerations: protean additions to the autoimmune central neuropathies.* J Autoimmun. 2011 Sep;37(2):79-87. doi:10.1016/j.jaut.2011.05.005. <http://www.ncbi.nlm.nih.gov/pubmed/21680149>
- Amato AA, Cornman EW, Kissel JT. *Treatment of stiff-man syndrome with intravenous immunoglobulin.* Neurology. 1994 Sep;44(9):1652-4. <http://www.ncbi.nlm.nih.gov/pubmed/7936291>
- Amato AA. *Stiff person syndrome and rituximab.* Muscle Nerve. 2012 Oct;46(4):612; author reply 612-3. doi: 10.1002/mus.23486. No abstract available. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1739691/>
- Ameli R, Snow J, Rakocevic G, Dalakas MC. *A neuropsychological assessment of phobias in patients with stiff-person syndrome.* Neurology 2005;64:1961. <http://www.ncbi.nlm.nih.gov/pubmed/15955955>
- Amyradakis G, Carlan SJ, Bhullar A, Eastwood J. *Pregnancy and stiff person syndrome.* Am J Med. 2012 Mar;125(3):e1-2. doi: 10.1016/j.amjmed.2011.10.012.
- Anagnostou E, Zambelis T. *Botulinum toxin A in anti-GAD-positive stiff-limb syndrome.* Muscle Nerve. 2012 Sep;46(3):457-8. doi: 10.1002/mus.23416. No abstract available. <http://www.ncbi.nlm.nih.gov/pubmed/22907242>
- Ances BM, Dalmau JO, Tsai J, Hasbani MJ, Galetta SL. *Downbeating nystagmus and muscle spasms in a patient with glutamic-acid decarboxylase antibodies.* Am J Ophthalmol. 2005 Jul;140(1):142-4.
<http://www.ncbi.nlm.nih.gov/pubmed/16038662>
- Anderson NE, Cunningham JM, Posner JB. *Autoimmune pathogenesis of paraneoplastic neurological syndromes.* PubMed Crit. Rev. Neurobiol. 1987;3:245–299. <http://www.ncbi.nlm.nih.gov/pubmed/3315239>
- Andreadou E, Kattoulas E, Sfagos C, Vassilopoulos D. *Stiff person syndrome: avoiding misdiagnosis.* Neurol Sci 2007;28:35. <http://www.ncbi.nlm.nih.gov/pubmed/17385093>
- Antozzi C, Frassoni C, Vincent A, et al. *Sequential antibodies to potassium channels and glutamic acid decarboxylase in neuromyotonia.* Neurology. 2005 Apr 12;64(7):1290-3.

Armon C, McEvoy KM, Westmoreland BF, McManis PG. *Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording.* Mayo Clin Proc 1990;65:960.

Armon C, Swanson JW, McLean JM, et al. *Subacute encephalomyelitis presenting as stiff-person syndrome: clinical, polygraphic, and pathologic correlations.* Movement Disorders. 1996;11:6, 701-709.
<http://www.ncbi.nlm.nih.gov/pubmed/8914097>

Asher R. *A woman with stiff-man syndrome.* Br Med J;1958:265-66.

Aso Y, Sato A, Naramatsu M, Takiguchi Y, Yamaguchi Y, Inukai T, Takemura Y. *Stiff-man syndrome associated with antecedent myasthenia gravis and organ-specific autoimmunopathy.* Intern Med. 1997 Apr;36(4):308-11.
<http://www.ncbi.nlm.nih.gov/pubmed/9187573>

Auger RG. AAEM minimonograph #44: *Diseases associated with motor unit activity.* Muscle & Nerve 1994;17:11, 1250-1263

Awad R, Crump K, Mullally M, Sardana RK, Arnason JT, Trudeau VL. *An Improved Method for Production of Recombinant Human Glutamic Acid Decarboxylase 65 for Use in Phytopharmaceutical Assessment.* Pharmaceutical Biology 2008;46:1-2, 72-81
<http://informahealthcare.com/doi/abs/10.1080/13880200701734570?journalCode=phb>

Bacorro EA, Tehrani R. *Stiff-person syndrome: persistent elevation of glutamic acid decarboxylase antibodies despite successful treatment with rituximab.* J Clin Rheumatol. 2010 Aug;16(5):237-9. doi: 10.1097/RHU.0b013e3181e931fa. <http://www.ncbi.nlm.nih.gov/pubmed/20577094>

Baizabal-Caravallo, JF, Jankovic J. *Stiff Person Syndrome.* Parkinson's Disease Center and Movement Disorders Clinic at Baylor College of Medicine. 1994. <http://www.medlink.com/medlinkcontent.asp>

Baker MR, Das M, Isaacs J, Fawcett PR, Bates D. *Treatment of stiff person syndrome with rituximab.* J Neurol Neurosurg Psychiatry. 2005 Jul;76(7):999-1001. <http://www.ncbi.nlm.nih.gov/pubmed/15965211>

Balint B, Jarius S, Nagel S, et al. *Progressive encephalomyelitis with rigidity and myoclonus: A new variant with DPPX antibodies.* Neurology 2014 82:1521-1528 <http://www.neurology.org/content/82/17/1521.abstract>

Baraba R, Jus'ic' A, Sruk A. *Progresive encephalomyelitis with rigidity: a case report.* J Spinal Cord Med. 2010;33(1):73–76. doi: 10.1002/mds.22521. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2853333/>

Bardutsky J, Tronnier V, Schwab S, et al. *Intrathecal baclofen treatment for stiff-man syndrome: life-threatening intermittent catheter leakage.* Neurology 2003;60:1976-8. <http://www.ncbi.nlm.nih.gov/pubmed/12821743>

Barker RA, Marsden CD. *Successful treatment of stiff man syndrome with intravenous immunoglobulin.* J Neurol Neurosurg Psychiatry. 1997 Apr;62(4):426-7. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1074118/>

Barker RA, Revesz T, Thom M, Marsden CD, Brown P. *Review of 23 patients affected by the stiff man syndrome.* J Neurol Neurosurg Psychiatry. 1998;65:633-640. <http://jnnp.bmjjournals.org/content/65/5/633.full>
doi:10.1136/jnnp.65.5.633

- Bartsch T, Herzog J, Baron R, Deuschl G. *The stiff limb syndrome--a new case and a literature review.* J Neurol. 2003 Apr;250(4):488-90.
- Bastin A, Gurmin V, Mediawake R, Gibbs J, Beynon H. *Stiff man syndrome presenting with low back pain.* Ann Rheum Dis. 2002; 61(10): 939–940. doi: 10.1136/ard.61.10.939.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1753919/>
- Bataller L, Dalmau J. *Paraneoplastic neurologic syndromes: approaches to diagnosis and treatment.* Neurologic Clinics. 2003;21(1):221-247. <http://www.ncbi.nlm.nih.gov/pubmed/12894387>
- Ben-Menachem E, Person LI, Mumford J, et al. *Effect of long-term vigabatrin therapy on selected neurotransmitter concentrations in cerebrospinal fluid.* J Child Neurol. 1991;Suppl 2:S11-6.
<http://www.ncbi.nlm.nih.gov/pubmed/1719063>
- Beers MH, Burkow R. *Disorders of Neuromuscular Transmission.* In: The Merck Manual of Diagnosis and Therapy, 17th ed. West Point, PA: Merck Research Laboratories; 1999:1497. Textbook
- Berciano J, Infante J, García A, et al. *Stiff man-like syndrome and generalized myokymia in spinocerebellar ataxia type 3.* Mov Disord. 2006 Jul;21(7):1031-5. <http://www.ncbi.nlm.nih.gov/pubmed/16552763>
- Berger C, Meinck HM. *Head retraction reflex in stiff-man syndrome and related disorders.* Mov Disord. 2003;18:906. <http://www.ncbi.nlm.nih.gov/pubmed/12889080>
- Bergeret M, Khrestchatsky M, Tremblay E, et al. *GABA modulates cytotoxicity of immunocompetent cells expressing GABAA receptor subunits.* Biomedicine & Pharmacotherapy 1998;52:5, 214-219
- Betz H. *Gephyrin, a major player in GABAergic postsynaptic membrane assembly?* Nature Neuroscience 1, 541 - 543 (1998) doi:10.1038/2777
- Bhat R, Axtell R, Mitra A, Miranda M, et al. *Inhibitory role for GABA in autoimmune inflammation.* PNAS. 2009;107(6):2580–2585. doi: 10.1073/pnas.0915139107. <http://www.pnas.org/content/107/6/2580.long>
- Bhutani MS, Mathews T, Akuthota P. *Muscle spasms and stiffness that progressed for four years.* Hosp Pract (Off Ed). 1992 May 30;27(5A):131-2.
- Bhutani MS. *Dysphagia in stiff-man syndrome.* Am J Gastroenterol. 1991 Dec;86(12):1857-8.
<http://www.ncbi.nlm.nih.gov/pubmed/1962645>
- Bieg S, Seissler J, Herberg SL, Northemann W, Scherbaum WA. *Gad 65 is recognized by t-cells, but not by antibodies from nod-mice.* Autoimmunity 1994;17:3, 189-194
- Billiau AD, Wouters CH, Lagae LG. *Epilepsy and the immune system: is there a link?* European Journal of Paediatric Neurology 2005;9:1, 29-42
- Black JL, Barth EM, Williams DE, Tinsley JA. *Stiff-man syndrome. Results of interviews and psychologic testing.* Psychosomatics. 1998 Jan-Feb;39(1):38-44. <http://www.ncbi.nlm.nih.gov/pubmed/9538674>
- Bleck TP. *Tetanus: Pathophysiology, management, and prophylaxis.* Disease-a-Month 1991;37:9, 551-603

Blum P, Jankovic J. *Stiff-person syndrome: An autoimmune disease.* Movement Disorders 1991;6:1, 12-20
<http://www.ncbi.nlm.nih.gov/pubmed/2005917>

Boronat A, Sabater L, Saiz A, Dalmau J, Graus F. *GABA(B) receptor antibodies in limbic encephalitis and anti-GAD-associated neurologic disorders.* Neurology. 2011 Mar 1;76(9):795-800. doi: 10.1212/WNL.0b013e31820e7b8d. <http://www.ncbi.nlm.nih.gov/pubmed/21357831>

Bouw J, Leendertse K, Tijssen MA, Dzoljic M. *Stiff person syndrome and anesthesia: case report.* Anesth Analg. 2003 Aug;97(2):486-7, table of contents.

Bowler D. *Stiff man syndrome in a boy.* Arch Dis Child. Jun 1960; 35(181): 289–292.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2012621/>

Brashear R, Phillips II HL. *Autoantibodies to gabaergic neurons and response to plasmapheresis in stiff-man syndrome.* Neurology 1991, 41:1588–1592. <http://www.ncbi.nlm.nih.gov/pubmed/1922799>

Brown P, Marsden CD. *The stiff man and stiff man plus syndromes.* J Neurol 1999, 246:648–652.
<http://www.ncbi.nlm.nih.gov/pubmed/10460439>

Brown P, Rothwell JC, Marsden CD. *The stiff leg syndrome.* J Neurol Neurosurg Psychiatry. 1997;62:31-37.
doi:10.1136/jnnp.62.1.31.
http://jnnp.bmjjournals.org/content/62/1/31.abstract?ijkey=725ff0bd42e3eeec0bd186852b29c1561aebf40a&keytype2=tf_i_psecsha

Brown P, Thompson PD, Rothwell JC, et al. *A therapeutic trial of milacemide in myoclonus and the stiff person syndrome.* Mov Disord 1991, 6:73–75 <http://www.ncbi.nlm.nih.gov/pubmed/2005926>

Burbelo PD, Groot S, Dalakas MC, Iadarola MJ. *High definition profiling of autoantibodies to glutamic acid decarboxylases GAD65/GAD67 in stiff-person syndrome.* Biochemical and Biophysical Research Communications 2008;366:1, 1-7

Bürk K. *Antineuronal autoantibodies in neurological disorders.* BioMolecular Concepts 2011;2:3.

Burn DJ, Ball J, Lees AJ, O Behan P, Morgan-Hughes JA. *A case of progressive encephalomyelitis with rigidity and positive antiglutamic acid dehydrogenase antibodies.* Journal of Neurology, Neurosurgery, and Psychiatry 1991;54:449-451

Burns TM, Jones HR, Phillips LH 2nd, Bugawan TL, Erlich HA, Lennon VA. *Clinically disparate stiff-person syndrome with GAD65 antibody in a father and daughter.* Neurology. 2003 Nov 11;61(9):1291-3.

Burns TM, Phillips II LH, Jones HR. *Stiff person syndrome does not always occur with maternal passive transfer of GAD65 antibodies.* Neurology. 2005 Jan 25;64(2):399-400; author reply 399-400.

Burns TM. *Step forward for SPS.* The Lancet. 2005; 365, Issue 9468:1365 – 1367. doi:10.1016/S0140-6736(05)66349-0. [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(05\)66349-0/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(05)66349-0/fulltext)

Burton AR, Baquet Z, Eisenbarth GS, et al. *Central nervous system destruction mediated by glutamic acid decarboxylase-specific CD4+ T cells.* J Immunol 2010;194:4863

- Butler MH, Hayashi A, Ohkoshi N, et al. *Autoimmunity to gephyrin in stiff-man syndrome*. Neuron 2000; 26:307–312.
- Byrne TN, Isakoff SJ, Rincon SP, Gudewicz TM. *Case records of the Massachusetts General Hospital. Case 27-2012. A 60-year-old woman with painful muscle spasms and hyperreflexia*. N Engl J Med. 2012 Aug 30;367(9):851-61. doi: 10.1056/NEJMcp1114036.
- Cabre P, Smadja D, Humbel RL, Merle H, Vernant JC. *Progressive encephalomyelitis with rigidity, diabetes mellitus and retinopathy: an anti-GAD syndrome*. European Journal of Neurology 1996;3:2, 98-101. DOI: 10.1111/j.1468-1331.1996.tb00199.x <http://onlinelibrary.wiley.com/doi/10.1111/j.1468-1331.1996.tb00199.x/abstract>
- Campbell AMG, Garland H. *Subacute myoclonic spinal neuronitis*. J Neurol Neurosurg Psychiatry, 1958;19:268-274.
- Cantello R. *Applications of transcranial magnetic stimulation in movement disorders*. J Clin Neurophysiol. 2002 Aug;19(4):272-93. Review.
- Castelnovo G, Renard D, Bouly S, Labauge P. *Isolated hypertrophy of the tibialis anterior muscle in the stiff leg syndrome*. Muscle Nerve. 2011 Aug;44(2):306. doi: 10.1002/mus.22152. Epub 2011 Jun 30. <http://www.ncbi.nlm.nih.gov/pubmed/21721015>
- Cerimagic D, Bilic E. *Stiff-person syndrome first manifesting in pregnancy*. Gynecol Obstet Invest. 2009;67(2):134-6. doi: 10.1159/000172804. Epub 2008 Nov 13. <http://www.ncbi.nlm.nih.gov/pubmed/19005261>
- Chamard L, Magnin E, Berger E, Hagenkötter B, Rumbach L, Bataillard M. *Stiff leg syndrome and myelitis with anti-amphiphysin antibodies: a common physiopathology?* Eur Neurol. 2011;66(5):253-5. doi: 10.1159/000331592. <http://www.karger.com/Article/Abstract/331592>
- Chang T, Alexopoulos H, McMenamin M et al. *Neuronal surface and glutamic acid decarboxylase autoantibodies in nonparaneoplastic stiff person syndrome*. JAMA Neurol 2013;70:1140.
- Chang T, Lang B. *GAD antibodies in stiff-person syndrome*. Neurology 2004;63:1999.
- Chang YJ, Wu CL, Lu CS. *Stiff-man syndrome: report of a case*. J Formos Med Assoc. 1995 Nov;94(11):695-7.
- Cheramy M, Hampe CS, Ludvigsson J, Casas R. *Characteristics of in-vitro phenotypes of glutamic acid decarboxylase 65 autoantibodies in high-titre individuals*. Clinical and Experimental Immunology. 2012;171:247-254. doi:10.1111/CEI.12026 <http://www.ncbi.nlm.nih.gov/pubmed/23379430>
- Chia SY, Chua R, Lo YL, Wong MC, Chan LL, Tan EK. *Acute ataxia, Graves' disease, and stiff person syndrome*. Mov Disord. 2007 Oct 15;22(13):1969-71. <http://www.ncbi.nlm.nih.gov/pubmed/17712846>
- Chroni E, Monastirli A, Tsambaos D. *Neuromuscular adverse effects associated with systemic retinoid dermatotherapy: monitoring and treatment algorithm for clinicians*. Drug Saf. 2010 Jan 1;33(1):25-34. doi: 10.2165/11319020-000000000-00000. Review.
- Chroni E, Papadimitriou A, Avramidis T, Terentiou AE, Tzioras C, Divari R. *Stiff-person like syndrome in a patient with multiple pituitary hormone deficiencies*. Acta Neurol Scand. 2000 Dec;102(6):403-5.

Ciccoto G, Blaya M, Kelley RE. *Stiff person syndrome*. Neurol Clin. 2013 Feb;31(1):319-28. doi: 10.1016/j.ncl.2012.09.005. <http://www.ncbi.nlm.nih.gov/pubmed/23186907>

Clardy SL, Lennon VA, Dalmau J, et al. *Childhood onset of stiff-man syndrome*. JAMA Neurol. 1997;49:1591. <http://www.ncbi.nlm.nih.gov/pubmed/24100349>

Clerinx K, Breban T, Schrooten M, et al. *Progressive encephalomyelitis with rigidity and myoclonus: resolution after thymectomy*. Neurology. 2011;76:303-304. doi: 10.1212/WNL.0b013e318207b008. <http://www.neurology.org/content/76/3/303>

Clifton ER, Subramony SH. *Stiff-man syndrome*. South Med J. 1992 Jul;85(7):711-3. <http://www.ncbi.nlm.nih.gov/pubmed/1631684>

Clow EC, Couban S, Grant IA. *Stiff-person syndrome associated with multiple myeloma following autologous bone marrow transplantation*. Muscle Nerve. 2008;38(6):1649-52. doi: 10.1002/mus.21153. <http://www.ncbi.nlm.nih.gov/pubmed/18932204>

Cohen L. *Stiff-man syndrome: two patients treated with diazepam*. JAMA 1966, 195:160–162. <http://jama.jamanetwork.com/article.aspx?articleid=657771>

Coles A, Barker R. *A case of stiff limb syndrome responsive to plasma exchange*. J Neurol Neurosurg Psychiatry. 2001;70:407-408. doi:10.1136/jnnp.70.3.407a. <http://jnnp.bmjjournals.org/content/70/3/407.2.full>

Costa M, Saiz A, Casamitjana R, et al. *T-cell reactivity to glutamic acid decarboxylase in stiff-man syndrome and cerebellar ataxia associated with polyendocrine autoimmunity*. Clinical & Experimental Immunology 2002;129:3, 471-478

Culav-Sumić J, Bosnjak I, Pastar Z, Jukić V. *Anxious depression and the stiff-person plus syndrome*. Cogn Behav Neurol. 2008 Dec;21(4):242-5. doi: 10.1097/WNN.0b013e318185e6d2. <http://www.ncbi.nlm.nih.gov/pubmed/19057174>

Cuturic M, Harden LM, Kannaday MH, Campbell NN, Harding RK. *Stiff-person syndrome presenting as eating disorder: a case report*. Int J Eat Disord. 2011 Apr;44(3):284-6. doi: 10.1002/eat.20794. <http://www.ncbi.nlm.nih.gov/pubmed/20186723>

Dalakas, MC. *Stiff Person Syndrome: Advances in Pathogenesis and Therapeutic Interventions*. Curr Treat Options Neurol 2009;11:102–10. <http://www.ncbi.nlm.nih.gov/pubmed/19210912>

Dalakas MC. *IVIg in other autoimmune neurological disorders: current status and future prospects*. J Neurol. 2008 Jul;255 Suppl 3:12-6. doi: 10.1007/s00415-008-3004-y. Review. <http://www.ncbi.nlm.nih.gov/pubmed/18685921>

Dalakas MC , Fujii M, Li M , et al. *High-Dose Intravenous Immune Globulin for Stiff-Person Syndrome*. New England Journal of Medicine 2001;345:26, 1870-1876 <http://www.ncbi.nlm.nih.gov/pubmed/11756577>

Dalakas MC *The role of IVIg in the treatment of patients with stiff person syndrome and other neurological diseases associated with anti-GAD antibodies*. Journal of Neurology 2005;252:S1, i19-i25 <http://www.ncbi.nlm.nih.gov/pubmed/15959668>

- Dalakas MC, Fujii M, Li M, et al. *The clinical spectrum of anti-GAD antibody-positive patients with stiff person syndrome*. Neurology 2000; 55:1531–1535. <http://www.ncbi.nlm.nih.gov/pubmed/11094109>
- Dalakas MC, Li M, Fujii M, et al. *Stiff person syndrome: quantification, specificity, and intrathecal synthesis of GAD65 antibodies*. Neurology 2001; 57:780–784.
- Dalakas MC. *B cells in the pathophysiology of autoimmune neurological disorders: A credible therapeutic target*. Pharmacology & Therapeutics 2006;112:1, 57-70
- Dalakas MC. *Intravenous immunoglobulin in patients with anti-GAD antibody-associated neurological diseases and patients with inflammatory myopathies: effects on clinicopathological features and immunoregulatory genes*. Clin Rev Allergy Immunol. 2005 Dec;29(3):255-69. <http://www.ncbi.nlm.nih.gov/pubmed/16391401>
- Dalakas MC. *Progress and stiff challenges in understanding the role of GAD-antibodies in stiff-person syndrome*. Exp Neurol. 2013 Sep;247:303-7. doi: 10.1016/j.expneurol.2013.02.010.
- Dalakas MC. *Role of IVIg in autoimmune, neuroinflammatory and neurodegenerative disorders of the central nervous system: present and future prospects*. J Neurol. 2006 Sep;253 Suppl 5:V25-32. Review. Erratum in: J Neurol. 2008 Feb;255(2):308. <http://www.ncbi.nlm.nih.gov/pubmed/16998751>
- Dalakas MC: *Neuroimmunotherapy: a practical approach to the treatment of immune-mediated neurological diseases*. Semin Neurol 1994, 14:97–105. <http://phdtree.org/pdf/10753717-neuroimmunotherapy-a-practical-approach-to-the-treatment-of-immune-mediated-neurologic-diseases/>
- Dalmau J, Rosenfeld M. *Paraneoplastic neurologic syndromes of the CNS*. Lancet Neurol. 2008; 7(4): 327–340. doi: 10.1016/S1474-4422(08)70060-7. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2367117/>
- Daras M, Spiro AJ. *Stiff-man syndrome in an adolescent*. Pediatrics. 1981;67:725. <http://www.ncbi.nlm.nih.gov/pubmed/7255004>
- Davenport, Radford, AL-Bukhari, Lai, Bottazzo, Todd. *Heterogeneity in the occurrence of a subset of autoantibodies to glutamic acid decarboxylase in autoimmune polyendocrine patients with islet cell antibodies*. Clinical and Experimental Immunology 1998;111:3, 497-505
- David C, Solimena M, De Camilli P. *Autoimmunity in Stiff-Man Syndrome with breast cancer is targeted to the C-terminal region of human amphiphysin, a protein similar to the yeast proteins, Rvs167 and Rvs161*. FEBS Letters 1994;351:1, 73-79
- Davis D, Jabbari B. *Significant improvement of stiff-person syndrome after paraspinal injection of botulinum toxin A*. Mov Disord. 1993 Jul;8(3):371-3. <http://www.ncbi.nlm.nih.gov/pubmed/8341305>
- Daw K, Ujihara N, Atkinson M, Powers AC: *Glutamic acid decarboxylase autoantibodies in stiff-man syndrome and insulin-dependent diabetes mellitus exhibit similarities and differences in epitope recognition*. J Immunol 1996, 156:818–825.
- Dayalu P, Teener JW. *Stiff Person syndrome and other anti-GAD-associated neurologic disorders*. Semin Neurol. 2012 Nov;32(5):544-9. doi: 10.1055/s-0033-1334477.

De Blauwe SN, Santens P, Vanopdenbosch LJ. *Anti-glycine receptor antibody mediated progressive encephalomyelitis with rigidity and myoclonus associated with breast cancer.* Case Reports in Neurological Medicine. 2013; Article ID 589154:4 <http://dx.doi.org/10.1155/2013/589154>

De Camilli P, Thomas A, Cofiell R, et al. *Autoimmune encephalitis update.* 1993;JEM vol. 178 no. 6 2219-2223 doi: 10.1093/neuonc/nou030 <http://neuro-oncology.oxfordjournals.org/content/early/2014/03/15/neuonc.nou030.abstract>

De Camilli P, Thomas A, Cofiell R, et al. *Stiff-man syndrome in childhood.* J R Soc Med. 2001 94:296-297. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1281530/?report=classic>

De Camilli P, Thomas A, Cofiell R, et al. *The synaptic vesicle-associated protein amphiphysin is the 128-kD autoantigen of stiff-man syndrome with breast cancer.* J Exp Med 1993, 178:2219–2223

De la Casa-Fages B, Anaya F, Gabriel-Ortemberg M, Grandas F. *Treatment of stiff-person syndrome with chronic plasmapheresis.* Mov Disord. 2013 Mar;28(3):396-7. doi: 10.1002/mds.25167. Epub 2012 Dec 12. <http://onlinelibrary.wiley.com/doi/10.1002/mds.25167/abstract>

Dinkel K, Meinck H, Jury KM, et al. *Inhibition of gamma-aminobutyric acid synthesis by glutamic acid decarboxylase antibodies in stiff-man syndrome.* Ann Neurol 1998;44:194

Dinkel K, Rickert M, Möller G, et al. *Stiff-man syndrome: identification of 17 β -hydroxysteroid dehydrogenase type 4 as a novel 80-kDa antineuronal antigen.* Journal of Neuroimmunology 2002;130:1-2, 184-193. [http://www.jni-journal.com/article/S0165-5728\(02\)00218-7/abstract](http://www.jni-journal.com/article/S0165-5728(02)00218-7/abstract)

Dinnerstein E, Collins D, Berman SA. *A patient with post-traumatic stress disorder developing stiff person syndrome: is there a correlation?* Cogn Behav Neurol. 2007 Jun;20(2):136-7. <http://www.ncbi.nlm.nih.gov/pubmed/17558259>

Drake ME Jr. *Stiff-man syndrome and dementia.* Am J Med 1983;74:1085-1087. <http://www.ncbi.nlm.nih.gov/pubmed/6859058>

Dropcho EJ. *Antiamphiphysin antibodies with small-cell lung carcinoma and paraneoplastic encephalomyelitis.* Ann Neurol. 1996;39:659. <http://www.ncbi.nlm.nih.gov/pubmed/8619552>

Duddy ME, Baker MR. *Stiff person syndrome.* Front Neurol Neurosci. 2009;26:147-65. doi: 10.1159/000212375. <http://www.ncbi.nlm.nih.gov/pubmed/19349711>

Dupond JL, Essalmi L, Gil H, et al. *Rituximab treatment of stiff-person syndrome in a patient with thymoma, diabetes mellitus, and autoimmune thyroiditis.* J Clin Neurosci 2010;17:389. <http://www.ncbi.nlm.nih.gov/pubmed/20071184>

Economides JR, Horton JC. *Eye movement abnormalities in stiff person syndrome.* Neurology. 2005;65:1462-4. <http://www.ncbi.nlm.nih.gov/pubmed/16275836>

Egwuonwu S, Chedebeau F. *Stiff-person syndrome: a case report and review of the literature.* J Natl Med Assoc. 2010 Dec;102(12):1261-3. Review.

Ehler E, Latta J, Mandysová P, Havlasová J, Mrklovský M. *Stiff-person syndrome following tick-borne meningoencephalitis*. Acta Medica (Hradec Kralove). 2011;54(4):170-4.
<http://www.ncbi.nlm.nih.gov/pubmed/22283113>

Elkassabany N, Tetzlaff JE, Argalious M. *Anesthetic management of a patient with stiff person syndrome*. J Clin Anesth. 2006 May;18(3):218-20.

Ellis TM, Atkinson MA. *The clinical significance of an autoimmune response against glutamic acid decarboxylase*. Nat Med 1996;2:148-53

Ergün I, Akbostancı MC, Canbakan B, et al. *Minimal change nephrotic syndrome with stiff-person syndrome: is there a link?* Am J Kidney Dis. 2005 Jul;46(1):e11-4. <http://www.ncbi.nlm.nih.gov/pubmed/15983949>

Erlander MG, Tobin AJ. *The structural and functional heterogeneity of glutamic acid decarboxylase (a review)*. Neurochemical Research March 1991, Volume 16, Issue 3, pp 215-226

Errichiello L, Striano S, Zara F, Striano P. *Temporal lobe epilepsy and anti-glutamic acid decarboxylase autoimmunity*. Neurological Sciences 2011;32:4, 547-550

Espay AJ, Chen R. *Rigidity and spasms from autoimmune encephalomyopathies: stiff-person syndrome*. Muscle Nerve. 2006;34(6):677-90. <http://www.ncbi.nlm.nih.gov/pubmed/16969837>

Evoli A. *Antibody-phenotype correlation in stiff-person syndrome*. Neurology. 2008 Dec 9;71(24):1938-9. doi: 10.1212/01.wnl.0000334364.29899.db. Epub 2008 Oct 29.

Fahn S, Jankovic J, Hallett M. *Clinical overview and phenomenology of movement disorders*. In: Principles and Practice of Movement Disorders. Elsevier, 2011:1-35.

Falip M, Carreño M, Miró J, et al. *Prevalence and immunological spectrum of temporal lobe epilepsy with glutamic acid decarboxylase antibodies*. Eur J Neurol. 2012 Jun;19(6):827-33. doi: 10.1111/j.1468-1331.2011.03609.x. Epub 2012 Feb 21.

Falorni A, Grubin CE, Takei I, et al. *Radioimmunoassay Detects the Frequent Occurrence of Autoantibodies to the Mr 65,000 Isoform of Glutamic Acid Decarboxylase in Japanese Insulin-Dependent Diabetes*. Autoimmunity 1994;19:2, 113-125

Fattorini G, Verderio C, Melone M, et al. *VGLUT1 and VGAT are sorted to the same population of synaptic vesicles in subsets of cortical axon terminals*. Journal of Neurochemistry 2009;110:5, 1538-1546

Fekete R, Jankovic J. *Childhood Stiff-Person Syndrome Improved with Rituximab*. Case Report Neurol. 2012;4(20):92-96. doi: 10.1159/000339446 <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3383307/>

Fenalti G, Buckle AM. *Structural biology of the GAD autoantigen*. Autoimmunity Reviews 2010;9:3, 148-152

Fernandes M, Munhoz RP, Carrilho PE, Arruda WO, Lorenzoni PJ, Scola RH, Werneck LC, Teive HA. *Neurological disorders associated with glutamic acid decarboxylase antibodies: a Brazilian series*. Arq Neuropsiquiatr. 2012 Sep;70(9):657-61.

- Ferracci F, Fassetta G, Butler MH, Floyd S, Solimena M, De Camilli P. *A novel antineuronal antibody in a motor neuron syndrome associated with breast cancer.* Neurology. 1999;53:852.
<http://www.ncbi.nlm.nih.gov/pubmed/10489053>
- Ferrandis R, Belda J, Llau JV, Belda C, Bahamonde JA. *Anesthesia for cardiac surgery on a patient with stiff person syndrome.* J Cardiothorac Vasc Anesth. 2005 Jun;19(3):370-2.
- Ferraz HB. *Anti-GAD positive stiff-person syndrome and cerebellar ataxia: two treatable conditions that clinicians should be aware of.* Arq Neuropsiquiatr. 2012 Sep;70(9):655-6.
- Finckle BS, McClosky KL, Goodman LS. *Diazepam and drug-associated deaths: a survey in the United States and Canada.* JAMA 1979;242:429-434. <http://www.ncbi.nlm.nih.gov/pubmed/448958>
- Fiol M, Cammarota A, Rivero A, Pardal A, Nogués M, Correale J. *Focal stiff-person syndrome.* Neurologia. 2001;16(2):89-91. <http://www.ncbi.nlm.nih.gov/pubmed/11257937>
- Fitzgerald CT, Carter LP. *Possible role for glutamic acid decarboxylase in fibromyalgia symptoms: A conceptual model for chronic pain.* Medical Hypotheses 2011;77:3, 409-415
- Floeter MK, Valls-Solé J, Toro C, Jacobowitz D, Hallett M. *Physiologic studies of spinal inhibitory circuits in patients with stiff-person syndrome.* Neurology. 1998 Jul;51(1):85-93.
- Fogar L. *Progressive encephalomyelitis with rigidity responsive to plasmapheresis and immunosuppression.* Ann Neurol 1996, 40:451–453. <http://www.ncbi.nlm.nih.gov/pubmed/8797535>
- Folli F, Solimena M, Aparisi S, Rozza G, De Camilli P. *Stiff-man syndrome and type 1 diabetes mellitus: evidence suggesting a related autoimmune pathogenesis.* Diabetologia 1989;32:488.
- Folli F, Solimena M, Cofiell RA, et al. *Autoantibodies to a 128-kd synaptic protein in three women with the stiff-man syndrome and breast cancer.* New England Journal of Medicine. 1993;328(8):546-551.
<http://www.ncbi.nlm.nih.gov/pubmed/8381208>
- Fon EA, Edwards RH. *Molecular mechanisms of neurotransmitter release.* Muscle & Nerve 2001;24:5, 581-601
- Freeman JW, Xu M, Anderson S, Lindemann J. *Finding our way: diagnostic perils and the stiff person syndrome.* S D Med. 2009 Sep;62(9):360-1, 363. <http://www.usd.edu/medical-school/residencies/xupublished.cfm>
- Galldiks N, Thiel A, Haense C, Fink GR, Hilker R. *11C-flumazenil positron emission tomography demonstrates reduction of both global and local cerebral benzodiazepine receptor binding in a patient with Stiff Person Syndrome.* J Neurol. 2008 Sep;255(9):1361-4. doi: 10.1007/s00415-008-0920-9. Epub 2008 Jun 27.
- Gallien P, Durufle A, Petrilli S, Verin M, Brissot R, Robineau S. *Atypical low back pain: stiff-person syndrome.* Joint Bone Spine. 2002;69(2):218-21. <http://www.ncbi.nlm.nih.gov/pubmed/12027316>
- Garg R, Ramachandran R, Sharma P. *Anaesthetic implications of hyperekplexia--'startle disease'.* Anaesth Intensive Care. 2008 Mar;36(2):254-6.

Garzo C, Pérez-Sotelo M, Traba A, Esteban A, Grandas F, Muñoz-Blanco JL. *Stiff-man syndrome in a child.* Movement Disorders. 1998;13(2):365–368. <http://onlinelibrary.wiley.com/doi/10.1002/mds.870130233/abstract>

George TM, Burke JM, Sobotka PA, et al. *Resolution of stiff-man syndrome with cortisol replacement in a patient with deficiencies of ACTH, growth hormone, and prolactin.* N Engl J Med 1984, 310:1511–1513
<http://www.ncbi.nlm.nih.gov/pubmed/6325914>

Gerhardt CL. *Stiff-man syndrome revisited.* South Med J. 1995 Aug;88(8):805-8. Review.
<http://www.ncbi.nlm.nih.gov/pubmed/7631203>

Gerschlager W, Brown P. *Effect of treatment with intravenous immunoglobulin on quality of life in patients with stiff-person syndrome.* Mov Disord. 2002 May;17(3):590-3. <http://www.ncbi.nlm.nih.gov/pubmed/12112212>

Gerschlager W, Schrag A, Brown P. *Quality of life in stiff-person syndrome.* Mov Disord. 2002;17:1064-7.
<http://www.ncbi.nlm.nih.gov/pubmed/12360560>

Gershnik OS. *Stiff-person syndrome.* Parkinsonism & Related Disorders 2009; 15S:S130-S130-4.

Giometto B, Miotto D, Faresin F, et al. *Anti-gabaergic neuron autoantibodies in a patient with stiff-man syndrome and ataxia.* Journal of the Neurological Sciences 1996;143:1-2, 57-59

Gnanapavan S, Vincent A, Giovannoni G. *Surviving stiff-person syndrome: a case report.* J Neurol. 2011 Oct;258(10):1898-900. doi: 10.1007/s00415-011-6015-z. Epub 2011 Mar 26.C87:C135

Goëb V, Dubreuil F, Cabre P, Jean-Baptiste G, Arfi S. *Lupus revealing itself after a stiff-person syndrome.* Lupus. 2004;13(3):215. <http://www.ncbi.nlm.nih.gov/pubmed/15119554>

Goetz CG, Klawans HL. *On the mechanism of sudden death in Moersch-Woltman Syndrome.* Neurology. 1983;33:930-932. <http://www.ncbi.nlm.nih.gov/pubmed/6683379>

Goldkamp J, Blaskiewicz R, Myles T. *Stiff person syndrome and pregnancy.* Obstet Gynecol. 2011 Aug;118(2 Pt 2):454-7. doi: 10.1097/AOG.0b013e318216196b.

Gordon CR, Zivotofsky AZ, Siman-Tov T, Gadoth N. *Stiff person syndrome with cerebellar disease and high-titer anti-GAD antibodies.* Neurology. 2007;68(14):1161; author reply 1161.
<http://www.ncbi.nlm.nih.gov/pubmed/17000981>

Gordon MF, Diaz-Olivio R, Hunt AL, Fahn S. *Therapeutic trial of milacemide in patients with myoclonus and other intractable movement disorders.* Movement Disorders 1993;8:4, 484-488
<http://www.ncbi.nlm.nih.gov/pubmed/8232358>

Gorin F, Baldwin B, Tait R, Pathak R, Seyal M, Mugnaini E. *Stiff-man syndrome: A GABAergic autoimmune disorder with autoantigenic heterogeneity.* Annals of Neurology 1990;28:5, 711-714.
<http://www.ncbi.nlm.nih.gov/pubmed/2260859>

Goulder-Khouja N, Mekaouar A, Larnaout A, et al. *Progressive encephalomyelitis with rigidity presenting as a stiff-person syndrome.* Parkinsonism Relat Disord. 2002;8(4):285-8.
<http://www.ncbi.nlm.nih.gov/pubmed/12039424>

- Grant R, Graus F. *Paraneoplastic movement disorders*. Mov Disord. 2009;24(12):1715-24. doi: 10.1002/mds.22658. <http://www.ncbi.nlm.nih.gov/pubmed/19562765>
- Graus F, Saiz A, Dalmau J. *Antibodies and neuronal autoimmune disorders of the CNS*. J Neurol. 2010 Apr;257(4):509-17. doi: 10.1007/s00415-009-5431-9. Epub 2009 Dec 25. Review.
- Greene PE, Dauer W. *Stiff child syndrome with mutation of DYT1 gene*. Neurology. 2006 May 9;66(9):1456; author reply 1456.
- Gros AJ Jr, Thomas LC, McKinley KL, Van Gerpen JA. *Prevention of an acute severe exacerbation of Stiff-person syndrome during surgery*. Anesthesiology. 2006 Apr;104(4):885-6.
- Grumelli C, Berghuis P, Pozzi D, et al. *Calpain activity contributes to the control of SNAP-25 levels in neurons*. Molecular and Cellular Neuroscience 2008;39:3, 314-323
- Guilleminault J, Sigwald J, Castaigne E. *Sleep studies and therapeutic trial with L-Dopa in a case of stiff-man syndrome*. Eur Neurol 1973;10:89-96.
- Gürol ME, Ertas M, Hanagasi HA, Sahin HA, Gürsoy G, Emre M. *Stiff leg syndrome: case report*. Mov Disord. 2001;16(6):1189-93. <http://www.ncbi.nlm.nih.gov/pubmed/11748762>
- Hadavi S, Noyce AJ, Leslie RD, Giovannoni G. *Stiff person syndrome*. Pract Neurol. 2011 Oct;11(5):272-82. doi: 10.1136/practneurol-2011-000071. Review. <http://www.medscape.com/viewarticle/751794> (requires membership)
- Hadjivassiliou M, Aeschlimann D, Grünwald RA, Sanders DS, Sharrack B, Woodroffe N. *GAD antibody-associated neurological illness and its relationship to gluten sensitivity*. Acta Neurol Scand. 2011 Mar;123(3):175-80. doi: 10.1111/j.1600-0404.2010.01356.x.
- Hagiwara H, Enomoto-Nakatani S, Sakai K, et al. *Stiff-person syndrome associated with invasive thymoma: a case report*. Journal of the Neurological Sciences. 2001;193(1):59-62. <http://www.ncbi.nlm.nih.gov/pubmed/11718752>
- Hajjioui A, Benbouazza K, El Alaoui Faris M, Missaoui A, Hajjaj Hassouni N. *Stiff limb syndrome: a case report*. Cases Journal 2010, 3:60 doi:10.1186/1757-1626-3-60. <http://www.casesjournal.com/content/3/1/60>
- Hänninen A, Soili-Hänninen M, Hampe CS. *Characterization of CD4+ T cells specific for glutamic acid decarboxylase (GAD65) and proinsulin in a patient with stiff-person syndrome but without type 1 diabetes*. Diabetes/Metabolism Research and Reviews 2010;26:4, 271-279
- Hansen N, Grünwald B, Weishaupt A, et al. *Human Stiff person syndrome IgG-containing high-titer anti-GAD65 autoantibodies induce motor dysfunction in rats*. Exp Neurol. 2013 Jan;239:202-9. doi: 10.1016/j.expneurol.2012.10.013. Epub 2012 Oct 23.
- Hao W, Davis C, Daniels, et al. *Epitope-specific glutamic acid decarboxylase-65 autoantibodies in intravenous immunoglobulin preparations*. Transfusion Medicine 1999;9:4, 307-310 <http://www.ncbi.nlm.nih.gov/pubmed/10583884>
- Hao W, Davis C, Hirsch IB, Eng LJ, Daniels T, Walsh D, Lernmark A. *Plasmapheresis and immunosuppression in stiff-man syndrome with type 1 diabetes: a 2-year study*. J Neurol. 1999 Aug;246(8):731-5. <http://www.ncbi.nlm.nih.gov/pubmed/10460456>

- Harada H, Hayashi A, Watanabe M, Tamaoka A, Shoj S. *A case of stiff-man syndrome with head retraction like reflex and jerky myoclonus of bilateral lower extremities which responded well to removal of mediastinal carcinoma.* Journal Rinsho Shinkeigaku. 1999;39(10):1025-8. <http://www.ncbi.nlm.nih.gov/pubmed/10655763>
- Harding AE, Thompson PD, Kocen RS, et al. *Plasma exchange and immunosuppression in the stiff man syndrome.* Lancet 1989, 14:915. [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(89\)91568-7/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(89)91568-7/fulltext)
- Haslam N, Price K. *Anaesthesia for Stiff-Person Syndrome.* Anaesthesia. 2002 Mar;57(3):298-9.
- Hattan E, Angle MR, Chalk C. *Unexpected benefit of propofol in stiff person syndrome.* Neurology 2007;70:1641. <http://www.neurology.org/content/70/18/1641.extract>
- Hayashi A, Nakamagoe K, Ohkoshi N, et al. *Double filtration plasma exchange and immunoabsorption therapy in a case of stiff-man syndrome with negative anti-GAD antibody.* J Med 1999, 30:321–327. <http://www.ncbi.nlm.nih.gov/pubmed/10851565>
- Hegyi CA. *Physical therapist management of stiff person syndrome in a 24-year-old woman.* Phys Ther. 2011 Sep;91(9):1403-11. doi: 10.2522/ptj.20100303. Epub 2011 Jul 7.
- Helfgott SM. *Stiff-man syndrome: from the bedside to the bench.* Arthritis Rheum 1999;42:1312 [http://onlinelibrary.wiley.com/doi/10.1002/1529-0131\(199907\)42:7%3C1312::AID-ANR2%3E3.0.CO;2-W/pdf](http://onlinelibrary.wiley.com/doi/10.1002/1529-0131(199907)42:7%3C1312::AID-ANR2%3E3.0.CO;2-W/pdf)
- Henningsen P, Clement U, Kuchenhoff J, et al. *Psychological factors in the diagnosis and pathogenesis of stiff-man syndrome.* Neurology 1996;47:38. <http://www.ncbi.nlm.nih.gov/pubmed/8710121>
- Henningsen P, Meinck HM. *Specific phobia is a frequent non-motor feature in stiff man syndrome.* J Neurol Neurosurg Psychiatry 2003;74:462. <http://www.ncbi.nlm.nih.gov/pubmed/12640064>
- Hijazi J, Bedat-Millet AL, Hannequin D. *Le syndrome de l'homme raide et autres maladies neurologiques associées aux anticorps anti-GAD.* La Revue de Médecine 2010; Interne 31:1, 23-28
- Hirsch IB, D'Alessio D, Eng L, Davis C, Lernmark A, Chait A. *Severe insulin resistance in a patient with type 1 diabetes and stiff-man syndrome treated with insulin lispro.* Diabetes Res Clin Pract. 1998 Sep;41(3):197-202.
- Hirsch LJ. *A new encephalitis with GABA-A receptor antibodies.* Lancet Neurology. 2014;13(3): 239 – 240. doi:10.1016/S1474-4422(14)70013-4. [http://www.thelancet.com/journals/laneur/article/PIIS1474-4422\(14\)70013-4/fulltext#article_upsell](http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70013-4/fulltext#article_upsell)
- Ho BL, Shih PY. *Successful intrathecal baclofen therapy for seronegative stiff-person syndrome: a case report.* Acta Neurol Taiwan. 2008 Sep;17(3):172-6. <http://www.ncbi.nlm.nih.gov/pubmed/18975>
- Ho CS, Ho RC, Wilder-Smith EP. *Stiff person syndrome masquerading as panic attacks.* Lancet. 2014 Feb 15;383(9917):668. doi: 10.1016/S0140-6736(14)60127-6. <http://www.ncbi.nlm.nih.gov/pubmed/24529469>
- Holmøy T, Geis C. *The immunological basis for treatment of stiff person syndrome.* Journal of Neuroimmunology 2011 231:1-2, 55-60 <http://www.ncbi.nlm.nih.gov/pubmed/20943276>

Holmøy T, Skorstad G, Hestvik AL, Alvik KM, Vartdal F. *Protective and detrimental immunity: lessons from stiff person syndrome and multiple sclerosis.* Acta Neurol Scand Suppl. 2009;(189):22-6. doi: 10.1111/j.1600-0404.2009.01207.x. <http://www.ncbi.nlm.nih.gov/pubmed/19566493>.

Holmøy T. *Long-term effect of gabapentin in stiff limb syndrome: a case report.* Eur Neurol. 2007;58(4):251-2. Epub 2007 Sep 12. <http://www.ncbi.nlm.nih.gov/pubmed/17851249>

Honorat J, Saiz A, Giometto B, et al. *Cerebellar ataxia with anti-glutamic acid decarboxylase antibodies: study of 14 patients.* Arch Neurol. 2001;58(2):225-30. <http://www.ncbi.nlm.nih.gov/pubmed/11176960>

Honorat J, Antoine AC. *Paraneoplastic neurological syndromes.* Orphanet J Rare Dis. 2007;2: 22. doi: 10.1186/1750-1172-2-22. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1868710/>

Howell DA, Venema HW, Konstadolakis MM. *Letters to the editor.* Muscle & Nerve 1993;16:4, 429-436

Howell DA, Lees AJ, Toghill PJ. *Spinal internuncial neurones in progressive encephalitis with rigidity.* J Neurol Neurosurg Psychiatry 1979;42:773-785. <http://www.ncbi.nlm.nih.gov/pubmed/501376>

Hummel M, Durinovic-Bello I, Bonifacio E, et al.: *Humoral and cellular immune parameters before and during immunosuppressive therapy of a patient with stiff-man syndrome and insulin dependent diabetes mellitus.* J Neurol Neurosurg Psychiatry 1998, 65:204–208. <http://www.ncbi.nlm.nih.gov/pubmed/9703171>

Hutchinson M, Waters P, McHugh J, et al. *Progressive encephalomyelitis, rigidity, and myoclonus: a novel glycine receptor antibody.* Neurology. 2008;71:1291. <http://www.neurology.org/content/71/16/1291>

Ibrahim H, Dimachkie MM, Shaibani A. *A review: the use of rituximab in neuromuscular diseases.* J Clin Neuromuscul Dis. 2010 Dec;12(2):91-102. doi: 10.1097/CND.0b013e3181ff49f3. Review. <http://www.ncbi.nlm.nih.gov/pubmed/21386778>

Ishida K, Mitoma H, Song SY, et al. *An elective suppression of cerebellar gabaergic transmission by an autoantibody to glutamic acid decarboxylase.* Ann Neurol 1999, 46:263–267

Ishii A. *Stiff person syndrome and other myopathies constitute paraneoplastic neurological syndromes.* Brain Nerve. 2010;62(4):377-85. <http://www.ncbi.nlm.nih.gov/pubmed/20420178>

Ishizawa K, Komori T, Okayama K, Qin X, Kaneko K, Sasaki S, Iwata M. *Large motor neuron involvement in Stiff-man syndrome: a qualitative and quantitative study.* Acta Neuropathol. 1999 Jan;97(1):63-70.

Iwata T, Inoue K, Mizuguchi S, Morita R, Tsukioka T, Suehiro S. *Thymectomy for paraneoplastic stiff-person syndrome associated with invasive thymoma.* J Thorac Cardiovasc Surg. 2006;132(1):196-7. <http://www.ncbi.nlm.nih.gov/pubmed/16798340>

Iwata T, Shigeto H, Ogata K, et al. *Hyperexcitability restricted to the lower limb motor system in a patient with stiff-leg syndrome.* Journal of Clinical Neuroscience 2011;18:12, 1720-1722 <http://www.ncbi.nlm.nih.gov/pubmed/22015096>

Jain S. *Stiff person syndrome: What psychiatrists need to know.* Current Psychiatry. Vol. 12, No. 1. Jan 2013. http://www.currentpsychiatry.com/fileadmin/cp_archive/pdf/1201/1201CP_PRLS_Jain.pdf

Jans Bouw, Karin Leendertse, Marina A. J. Tijssen, Misa Dzoljic. *Stiff Person Syndrome and Anesthesia: Case Report.* Anesthesia & Analgesia 2003;97:2, 486-487

Jarius S, Stich O, Speck J, Rasiah Ch, Wildemann B, Meinck HM, Rauer S. *Qualitative and quantitative evidence of anti-glutamic acid decarboxylase-specific intrathecal antibody synthesis in patients with stiff person syndrome.* J Neuroimmunol. 2010 Dec 15;229(1-2):219-24. doi: 10.1016/j.jneuroim.2010.07.019. Epub 2010 Sep 1.

Jaworski M, Edwards E. *Integrated genetic databases in the study of neuropsychiatric diseases: Inborn errors of cerebral metabolic pathways.* Progress in Neuro-Psychopharmacology and Biological Psychiatry 1991;15:2, 171-181

Jiménez Caballero PE. *Stiff Person Syndrome.* The Neurologist 2009;15:4, 227-229 doi: 10.1097/NRL.0b013e3181935a29. <http://www.ncbi.nlm.nih.gov/pubmed/19590385>

Jiménez Caballero PE. *Stiff person syndrome: presentation of a case with repetitive complex discharges in electromiograms.* Neurologist. 2009 Jul;15(4):227-9. doi: 10.1097/NRL.0b013e3181935a29.

Jog MS, Lambert CD, Lang AE. *Stiff-person syndrome.* C708:C732 Can J Neurol Sci. 1992 Aug;19(3):383-8. <http://www.ncbi.nlm.nih.gov/pubmed/1393849>

Johnson JO, Miller KA. *Anesthetic Implications in Stiff-Person Syndrome.* Anesthesia & Analgesia 1995;80:3, 612-613

Johnstone AP, Nussey SS. *Direct evidence for limited clonality of antibodies to glutamic acid decarboxylase (GAD) in stiff man syndrome using baculovirus expressed GAD.* J Neurol Neurosurg Psychiatry. May 1994; 57(5): 659

Jonas P, Bischofberger J, Sandkuhler J. *Corelease of two fast neurotransmitters at a central synapse.* Science 17 July 1998: Vol. 281 no. 5375 pp. 419-424 DOI: 10.1126/science.281.5375.419

Kaakinen P, Leena P-P, Helvi K, Maria K. *Counseling chronically ill adults in the healthcare setting: An integrative literature review.* Journal of Nursing Education and Practice, August 2012, Vol. 2, No. 3 DOI: 10.5430/jnep.v2n3p185. <http://www.sciedu.ca/journal/index.php/jnep/article/view/654>

Karlson EW, Sudarsky L, Ruderman E, Pierson S, Scott M, Helfgott SM. *Treatment of stiff-man syndrome with intravenous immune globulin.* Arthritis Rheum. 1994 Jun;37(6):915-8. <http://www.ncbi.nlm.nih.gov/pubmed/8003064>

Karpati G. *Clinical assessment and Classification.* In: Hilton-Jones D, Bushby K, Griggs RC ed. In: Disorders of Voluntary Muscle, 8th ed. New York, NY: Cambridge University Press;2010:173 Textbook

Kash SF, Johnson RS, Tecott LH, et al. *Epilepsy in mice deficient in the 65-kDa isoform of glutamic acid decarboxylase.* Proceedings of the National Academy of Sciences 1997;94:25, 14060-14065

Kasperek S, Zebrowski S. *Stiff-man syndrome and encephalomyelitis: report of a case.* Arch Neurol. 1971;24:22-30. <http://archneur.jamanetwork.com/article.aspx?articleid=570254>

Katoh N, Matsuda M, Ishii W, Morita H, Ikeda S. *Successful treatment with rituximab in a patient with stiff-person syndrome complicated by dysthyroid ophthalmopathy*. Intern Med. 2010;49(3):237-41. Epub 2010 Feb 1. <http://www.ncbi.nlm.nih.gov/pubmed/20118602>

Kaufman DL. *Glutamic Acid Decarboxylase Autoantibodies in Stiff-Man Syndrome*. In: Autoantibodies. Elsevier, 1996:308-313.

Kelly C, Carter, ND Johnstone AP, Nussey SS. *Cloning of large isoform of human brain glutamic acid decarboxylase*. The Lancet 1991;338:8780, 1468-1469

Kelly CD, Edwards Y, Johnstone AP, et al. *Nucleotide sequence and chromosomal assignment of a cDNA encoding the large isoform of human glutamate decarboxylase*. Annals of Human Genetics 1992;56:3, 255-265

Kemény Z, Pálfi P, Demeter J, et al. *A stiff-person-szindrómáról két eset kapcsán*. Orvosi Hetilap 2013;154:50, 1984-1990. Medical Journal - 2013th 154 Vol. 50th c. [<http://www.akademiai.com/content/120378/>]

Khanlou H, Eiger G. *Long-term remission of refractory stiff-man syndrome after treatment with intravenous immunoglobulin*. Mayo Clin Proc. 1999 Dec;74(12):1231-2. <http://www.ncbi.nlm.nih.gov/pubmed/10593352>

Kidher ES, Briceno N, Taghi A, Chukwuemeka A. *An interesting collection of paraneoplastic syndromes in a patient with a malignant thymoma*. BMJ Case Rep. 2012; pii: bcr0220125790. <http://www.ncbi.nlm.nih.gov/pubmed/22761203>

Kim J, Namchuk M, Bugawan T, et al. *Higher autoantibody levels and recognition of linear NH₂-terminal epitope in the autoantigen gAD65, distinguish stiff-man syndrome from insulin-dependent diabetes*. J Exp Med 1994;180:595

Kim JY, Chung EJ, Kim JH, Jung KY, Lee WY. *Response to steroid treatment in anti-glutamic acid decarboxylase antibody-associated cerebellar ataxia, stiff person syndrome and polyendocrinopathy*. Mov Disord. 2006 Dec;21(12):2263-4. No abstract available. <http://www.ncbi.nlm.nih.gov/pubmed/17013903>

Kim MJ, Lim YM, Kim JS, Kim KK. *GABAergic changes in (11)C-flumazenil PET in the drug-naïve Stiff-Person syndrome*. Can J Neurol Sci. 2013 Jan;40(1):91-3. No abstract available.

Kim SD, Vucic S, Mahant N, Kiernan MC, Fung VS. *The relationship between cortical and spinal hyperexcitability and clinical disease severity in stiff-man syndrome*. Parkinsonism Relat Disord. 2012 Nov;18(9):1045-7. doi: 10.1016/j.parkreldis.2012.04.022. Epub 2012 May 12. No abstract available.

Kimura J. *Electrodiagnosis in Diseases of Nerve and Muscle: Principles and Practice*, 2nd, FA Davis, Philadelphia 1989; p. 558.

Kiriakos CR, Franco KN. *Stiff-man syndrome: a case report and review of the literature*. Psychosomatics. 2002 May-Jun;43(3):243-4. <http://www.ncbi.nlm.nih.gov/pubmed/12075042>

Kissel JT, Elble RJ. *Stiff-person syndrome: stiff opposition to a simple explanation*. Neurology. 1998 Jul;51(1):11-4. 1. doi: 10.1212/WNL.51.1.11 <http://www.neurology.org/content/51/1/11>

Kobayashi R, Kaji M, Horiuchi S, et al. *Recurrent thymoma with stiff-person syndrome and pure red blood cell aplasia*. The Annals of Thoracic Surgery. 2014; 97(5):1802-1804. <http://www.ncbi.nlm.nih.gov/pubmed/24792276>

- Krishna VR, Knievel K, Ladha S, Sivakumar K. *Lower extremity predominant stiff-person syndrome and limbic encephalitis with amphiphysin antibodies in breast cancer.* J Clin Neuromuscul Dis. 2012;14(2):72-4. doi: 10.1097/CND.0b013e31826f0d99. <http://www.ncbi.nlm.nih.gov/pubmed/23172386>
- Kuhn WF, Light PJ, Kuhn SC. *Stiff-man syndrome: case report.* Acad Emerg Med. 1995 Aug;2(8):735-8. <http://www.ncbi.nlm.nih.gov/pubmed/7584754>
- Kullmann DM, Howard RS, Miller DH, et al. *Brainstem encephalopathy with stimulus-sensitive myoclonus leading to respiratory arrest, but with recovery: a description of two cases and review of the literature.* Movement Disorders. 1996;11:6:715-718. doi: 10.1002/mds.870110618. <http://www.ncbi.nlm.nih.gov/pubmed/8914099>
- Laflamme RE. *Stiff-man syndrome: An education in difficult case management.* Journal of Emergency Nursing 1995;21:4, 279-281
- Lang B, Zhao L, Cai L, et al. *GABAergic amacrine cells and visual function are reduced in PAC1 transgenic mice.* Neuropharmacology 2010;58:1, 215-225
- Lape R, Plested AJ, Moroni M, Colquhoun D, Sivilotti LG. *The α IK276E startle disease mutation reveals multiple intermediate states in the gating of glycine receptors.* J Neurosci. 2012 Jan 25;32(4):1336-52. doi: 10.1523/JNEUROSCI.4346-11.2012.
- Lebert, J Burianova A. *Diagnosing the elusive stiff-person syndrome.* UWOMJ Fall 2010;79:2. http://www.uwomj.com/wp-content/uploads/2012/11/v79n2_12.pdf
- Ledowski T, Russell P. *Anaesthesia for stiff person syndrome: successful use of total intravenous anaesthesia.* Anaesthesia. 2006 Jul;61(7):725. No abstract available. <http://www.ncbi.nlm.nih.gov/pubmed/16792638>.
- Leigh PN, Rothwell JC, Traub M, Marsden CD. *A patient with reflex myoclonus and muscle rigidity: "jerking stiff-man syndrome."* J Neurol Neurosurg Psychiatry. 1980;43(12):1125-1131. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC490786/pdf/jnnpsyc00080-0086.pdf>
- Lemieux J, Provencher L, Brunet D, Hogue JC. *Paraneoplastic encephalomyelitis, stiff person syndrome and breast carcinoma.* Can J Neurol Sci. 2011;38(5):790-2. <http://www.ncbi.nlm.nih.gov/pubmed/22043547>
- Levin KH. *Paraneoplastic Neuromuscular Syndromes.* Neurologic Clinics. 1997;15(3):597-614. <http://www.ncbi.nlm.nih.gov/pubmed/9227955>
- Levy LM, Degnan AJ. *GABA-based evaluation of neurologic conditions: MR spectroscopy.* AJNR Am J Neuroradiol. 2013 Feb;34(2):259-65. doi: 10.3174/ajnr.A2902. Epub 2012 Jan 19. Review.
- Levy LM, Levy-Reis I, Fujii M, Dalakas MC. *Brain gamma-aminobutyric acid changes in stiff-person syndrome.* Arch Neurol. 2005 Jun;62(6):970-4.
- Levy LM, Dalakas MC, Floeter MK. *The stiff person syndrome: an autoimmune disorder affecting neurotransmission of gamma-aminobutyric acid.* Ann Intern Med. 1999 Oct 5;131(7):522-30. <http://www.ncbi.nlm.nih.gov/pubmed/10507962>
- Li L, Hagopian WA, Brashear HR, Daniels T, Lernmark A. *Identification of autoantibody epitopes of glutamic acid decarboxylase in stiff-man syndrome patients.* J Immunol. 1994 Jan 15;152(2):930-4.

Liguori R, Cordivari C, Lugaresi E, et al.: *Botulinum toxin A improves muscle spasms and rigidity in stiffperson syndrome*. Mov Disord 1997, 12:1060–1063.<http://www.ncbi.nlm.nih.gov/pubmed/9399238>

Liimatainen S, Peltola M, Sabater L, et al. *Clinical significance of glutamic acid decarboxylase antibodies in patients with epilepsy*. Epilepsia 2010;51:5, 760-767

Liu YL, Lo WC, Tseng CH, Tsai CH, Yang YW. *Reversible stiff person syndrome presenting as an initial symptom in a patient with colon adenocarcinoma*. Acta Oncol. 2010;49(2):271-2.

<http://www.ncbi.nlm.nih.gov/pubmed/20001496>

Lobo ME, Araújo ML, Tomaz CA, Allam N. *Stiff-person syndrome treated with rituximab*. BMJ Case Rep. 2010 Dec 13;2010. pii: bcr0520103021. doi: 10.1136/bcr.05.2010.3021.

<http://casereports.bmj.com/content/2010/bcr.05.2010.3021.abstract>

Lockman J, Burns TM. *Stiff-person syndrome*. Pract Neurol. 2007 Apr;7(2):106-8. Review.
<http://www.ncbi.nlm.nih.gov/pubmed/17430874>

Loder E, St-ein J. *Stiff Person Syndrome presenting with a headache*. Cephalgia. 2005 Mar;25(3):237-9.
doi:10.1111/j.1468-2982.2004.00846.x

http://www.smssupportgroup.co.uk/PDFs/Individual_Patient_Histories/SPS%20presenting%20with%20Headache.pdf

Logullo F, Di Bella P, Provinciali L. *Motor evoked potentials in a case of stiff-man syndrome: a longitudinal study*. Ital J Neurol Sci. 1999 Apr;20(2):133-8.

Lohmann T, Hawa M, Leslie RD, et al. *Immune reactivity to glutamic acid decarboxylase 65 in stiff-man syndrome and type 1 diabetes mellitus*. Lancet 2000;356:31.

Lohmann T, Londei M, Hawa M, David R, Leslie G. *Humoral and Cellular Autoimmune Responses in Stiff Person Syndrome*. Annals of the New York Academy of Sciences 2003;998:1, 215-222

Lorenzoni PJ, Scola RH, Kay CS, Teive HA, dos Santos LH, Werneck LC. *Electrophysiological characteristics in four patients from Brazil with stiff person syndrome*. J Clin Neurosci. 2012 Jun;19(6):889-91. doi: 10.1016/j.jocn.2011.08.034. Epub 2012 Mar 2.

Lorish TR, Thorsteinsson G. *Stiff-man syndrome: updated*. Mayo Clin Proc. 1989;64:629–636.
<http://www.ncbi.nlm.nih.gov/pubmed/2664359>

Maccario M, Baugh JR, Mena H. *Sudden death in Moersch-Woltman*. Neurology. 1984;34:407.
<http://www.ncbi.nlm.nih.gov/pubmed/6538296>

Maida E, Reisner T, Summer K, Sandor-Eggerth H. *Stiff-man syndrome with abnormalities in CSF and computerized tomography findings*. Arch Neurol 1980;37:182-183.

Maramattom BV. *Intrathecal baclofen pump implantation in a case of stiff person syndrome*. Neurol India. 2010 Jan-Feb;58(1):115-7. doi: 10.4103/0028-3886.60420. <http://www.ncbi.nlm.nih.gov/pubmed/20228478>

Marc RE. Chapter 4 *Structural organization of GABAergic circuitry in ectotherm retinas*. Elsevier, 1992:61-92.

- Markandeyulu V, Joseph TP, Solomon T, et al. *Stiff-man syndrome in childhood*. J R Soc Med. 2001;94:296-297. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1281530/>
- Martin R, Meinck HM, Schulte-Mattler W, et al. *Borrelia burgdorferi myelitis presenting as a partial stiff man syndrome*. J Neurol 1990;237:51.
- Martinelli P, Nassetti S, Minardi C, Macrì S, Ippoliti M. *Electrophysiological evaluation of the stiff-man syndrome: further data*. J Neurol. 1996 Jul;243(7):551-3.
- Martinelli P, Pazzaglia P, Montagna P, et al. *Stiff-man syndrome associated with nocturnal myoclonus and epilepsy*. J Neurol Neurosurg Psychiatry. 1978;41:458-462. <http://www.ncbi.nlm.nih.gov/pubmed/660210>
- Martino G, Grimaldi LM, Bazzigaluppi E, Passini N, Sinigaglia F, Rogge L. *The insulin-dependent diabetes mellitus-associated ICA 105 autoantigen in stiff-man syndrome patients*. J Neuroimmunol. 1996 Sep;69(1-2):129-34.
- Mata S, Muscas GC, Cincotta M, et al. *GAD antibodies associated neurological disorders: incidence and phenotype distribution among neurological inflammatory diseases*. J Neuroimmunol 2010;227:175.
- Matsumoto H, Schwartzman MJ, Estes ML, et al. *Sudden death and paroxysmal autonomic dysfunction in stiff-man syndrome*. J Neurol. 1991;238(2):91-6. <http://www.ncbi.nlm.nih.gov/pubmed/1649913>
- Matsumoto JY, Caviness JN, McEvoy KM. *The acoustic startle reflex in stiff-man syndrome*. Neurology. 1994;44:1952. <http://www.ncbi.nlm.nih.gov/pubmed/7936254>
- Matthews CC, Zielke HR, Fishman PS, et al. *Glutamate decarboxylase protects neurons against excitotoxic injury*. Journal of Neuroscience Research 2007;85:4, 855-859
- McCabe DJ, Turner NC, Chao D, et al. *Paraneoplastic stiff person syndrome associated with colon cancer misdiagnosed as idiopathic Parkinsons' disease worsened after capecitabine therapy*. Neurology. 2004;62(8):1402-4. <http://www.ncbi.nlm.nih.gov/pubmed/15111682>
- McKeon A, Martinez-Hernandez E, Lancaster E, et al. *Glycine receptor autoimmune spectrum with stiff-man syndrome phenotype*. JAMA Neurol. 2013 Jan;70(1):44-50. doi: 10.1001/jamaneurol.2013.574.
- McKeon A, Pittock SJ, Lennon VA. *Stiff-person syndrome with amphiphysin antibodies: distinctive features of a rare disease*. Neurology. 2009 Dec 15;73(24):2132; author reply 2133. doi: 10.1212/WNL.0b013e3181bd6a72.
- McKeon A, Pittock SJ, Lennon VA. *Stiff-person syndrome with amphiphysin antibodies: distinctive features of a rare disease*. Neurology. 2008;1:1955-1958. <http://www.ncbi.nlm.nih.gov/pubmed/18971449>
- McKeon A, Pittock SJ. *Paraneoplastic encephalomyopathies: pathology and mechanisms*. Acta Neuropathologica. 2011;122(4):381-400. <http://www.ncbi.nlm.nih.gov/pubmed/21938556>
- McKeon A, Robinson MT, McEvoy KM, Matsumoto JY, et al. *Stiff-Man Syndrome and Variants, Clinical Course, Treatments, and Outcomes*. Archives of Neurology, 2012;69(2):230-238. doi:10.1001/archneurol.2011.991 <http://www.ncbi.nlm.nih.gov/pubmed/22332190>

- McKeon A. *Paraneoplastic and other autoimmune disorders of the central nervous system*. Neurohospitalist. 2013; 3(2):53–64. doi: 10.1177/1941874412453339. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3726118/>
- Meinck HM , Thompson PD. *Stiff-man syndrome and related conditions*. Movement Disorders Vol. No. 5. 2002;853–866. <http://www.ncbi.nlm.nih.gov/pubmed/11489680>
- Meinck HM, Ricker K, Conrad B. *The stiff-man syndrome: new pathophysiological aspects from abnormal exteroceptive reflexes and the response to clomipramine, clonidine, and tizanidine*. J Neurol Neurosurg Psychiatry 1984, 47:280–287. <http://www.ncbi.nlm.nih.gov/pubmed/6707674>
- Meinck HM, Ricker K, Hulser PJ, Solimena M. *Stiff man syndrome: neurophysiological findings in eight patients*. J Neurol 1995;242:134.
- Meinck HM, Tronnier V, Rieke K, et al. *Intrathecal baclofen treatment for stiff-man syndrome: pump failure may be fatal*. Neurology 1994;44:2209-10. <http://www.ncbi.nlm.nih.gov/pubmed/7969992>
- Mense S, Simons DG, Russell IJ. *Pain associated with Increased Muscle Tension*. In: Mense S, Simons DG ed. Muscle Pain, Understanding Its Nature, Diagnosis, and Treatment. Baltimore, MD: Lippincott Williams & Wilkins;2001:123 Textbook
- Mikaeloff Y, Jambaque I, Mayer M, et al. *Benefit of intravenous immunoglobulin in autoimmune stiff person syndrome in a child*. J Pediatr 2001, 139:340. <http://www.ncbi.nlm.nih.gov/pubmed/11487774>
- Miller F, Korsvik H. *Baclofen in the treatment of stiff-man syndrome*. Ann Neurol 1981, 9:511–512. <http://www.ncbi.nlm.nih.gov/pubmed/7271246>
- Misra UK, Maurya PK, Kalita J, Gupta RK. *Stiff limb syndrome: end of spectrum or a separate entity?* Pain Med. 2009 Apr;10(3):594-7. doi: 10.1111/j.1526-4637.2009.00578.x. Epub 2009 Mar 19. <http://www.ncbi.nlm.nih.gov/pubmed/19302441>
- Moersch FP, Woltman HW. *Progressive and fluctuating muscular rigidity and spasm (stiff-man syndrome) (report of a case and some observation in 13 other cases)* . Mayo Clin. Proc.. 1956;31: 421–427
- Molina JA, Porta J, Garcia-Morales I, et al. *Treatment with intravenous prednisone and immunoglobulin in a case of progressive encephalomyelitis with rigidity*. J Neurol Neurosurg Psychiatry 2000, 68:395–396. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1736846/>
- Monnier G, Tatou L, Michel F. *New indications for botulinum toxin in rheumatology*. Joint Bone Spine. 2006 Dec;73(6):667-71. Epub 2006 Aug 30. Review.
- Munhoz RP, Fameli H, Teive HA. *Stiff person syndrome as the initial manifestation of systemic lupus erythematosus*. Mov Disord. 2010 Mar 15;25(4):516-7. doi: 10.1002/mds.22942. <http://www.ncbi.nlm.nih.gov/pubmed/20077481>
- Munhoz RP, Moscovich M, Araujo PD, Teive HA. *Movement disorders emergencies: a review*. Arq Neuropsiquiatr. 2012 Jun;70(6):453-61. Review.

- Murinson BB, Guarnaccia JB. *Stiff Person Syndrome with Amphiphysin Antibodies*. Neurology. 2008 Dec 9;71(24):1955-8. doi: 10.1212/01.wnl.0000327342.58936.e0.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2676978>
- Murinson BB, Butler M, Marfurt K, et al. *Markedly elevated GAD antibodies in SPS: effects of age and illness duration*. Neurology. 2004;63:2146.
- Murinson BB, Rizzo M. *Improvement of stiff-person syndrome with tiagabine*. Neurology. 2001 Jul 24;57(2):366.<http://www.neurology.org/content/57/2/366.1>
- Murphy C, Shorten G. *Train of four fade in a child with stiff baby syndrome*. Paediatr Anaesth. 2000;10(5):567-9.
<http://www.ncbi.nlm.nih.gov/pubmed/11012966>
- Nakamura N, Fujiya S, Yahara O, et al. *Stiff-man syndrome with spinal cord lesion*. Clin Neuropathol. 1986;5:40.
<http://www.ncbi.nlm.nih.gov/pubmed/3948453>
- Nakane S, Fujita K, Shibuta Y, et al. *Successful treatment of stiff person syndrome with sequential use of tacrolimus*. J Neurol Neurosurg Psychiatry 2013;84:1177. <http://www.ncbi.nlm.nih.gov/pubmed/23715915>
- Narayanaswami P. *Treatment and Management of Disorders of Neuromuscular Hyperexcitability*. In: Neuromuscular Disorders: Treatment and Management. Elsevier, 2011:285-306.
- Nemni R, Braggi S, Natali-Sora MG, et al. *Autoantibodies to glutamic acid decarboxylase in palatal myoclonus and epilepsy*. Annals of Neurology 1994;36:4, 665-667
- Newsom-Davis J, Vincent A. *Antibody-mediated neurological disease*. Current Opinion in Neurobiology 1991;1:3, 430-435.
- Nguyen-Huu BK, Urban PP, Schreckenberger M, Dieterich M, Werhahn KJ. *Antiampiphysin-positive stiff-person syndrome associated with small cell lung cancer*. Mov Disord. 2006 Aug;21(8):1285-7.
- Nicholas AP, Chatterjee A, Arnold MM, Claussen GC, Zorn GL Jr, Oh SJ. *Stiff-person's syndrome associated with thymoma and subsequent myasthenia gravis*. Muscle Nerve. 1997 Apr;20(4):493-8. Review.
<http://www.ncbi.nlm.nih.gov/pubmed/9121508>
- Nikhilesh J, Sayeed ZA, Saravanan PK, Paul J. *Stiff person syndrome*. J Assoc Physicians India. 2001 May;49:568-70. <http://www.ncbi.nlm.nih.gov/pubmed/11361276>
- Nociti V, Frisullo G, Tartaglione T, et al. *Refractory generalized seizures and cerebellar ataxia associated with anti-GAD antibodies responsive to immunosuppressive treatment*. European Journal of Neurology 2010;17:1, e5-e5
- Nyland H, Mellgren SI, Frovig AG. *Stiff-man syndrome with central and peripheral nervous manifestations*. J. Neurol. 219, 171--176 (1978) <http://www.ncbi.nlm.nih.gov/pubmed/84860>
- Obara M, Sawamura S, Chinzei M, Komatsu K, Hanaoka K. *Anaesthetic management of a patient with Stiff-person syndrome*. Anaesthesia. 2002 May;57(5):511.
- Odagaki T, Noguchi Y, Fukui T. *Flexion contractures of the legs as the initial manifestation of adrenocortical insufficiency*. Intern Med. 2003 Aug;42(8):710-3.

Olafson RA, Mulder DW, Howard FM. "Stiff-man" syndrome: a review of the literature, report of three additional cases and discussion of pathophysiology and therapy. Mayo Clin Proc 1964, 39:131–44.

Orija IB, Gupta M, Zimmerman RS. Graves' disease and stiff-person (stiff-man) syndrome: case report and literature review. Endocr Pract. 2005 Jul-Aug;11(4):259-64. <http://www.medscape.com/viewarticle/508849>

Oskarsson B, Pelak V, Quan D, Hall 3, Foster C, Galetta S. Stiff eyes in stiff-person syndrome. Neurology. 2008;71:378-380. doi:10.1212/01.wnl.0000319725.22925.b4.

<http://www.ucdenver.edu/academics/colleges/medicalschool/departments/Ophthalmology/research/FacultyPublications/Documents/Pelak/Oskarsson-2008-Stiff%20eyes%20in%20stiff-.pdf>

O'Sullivan EP, Behan LA, King TF, Hardiman O, Smith D. A case of stiff-person syndrome, type 1 diabetes, celiac disease and dermatitis herpetiformis. Clin Neurol Neurosurg. 2009 May;111(4):384-6. doi: 10.1016/j.clineuro.2008.11.006. Epub 2009 Jan 15.

O'Toole O, Murphy R, Tracy JA, McKeon A. Teaching NeuroImages: PET-CT hypermetabolism paralleling muscle hyperactivity in stiff-person syndrome. Neurology. 2013 Mar 5;80(10):e109. doi: 10.1212/WNL.0b013e3182840bad. No abstract available.

Pagano MB, Murinson BB, Tobian AAR, King KE. Efficacy of therapeutic plasma exchange for treatment of stiff-person syndrome. Transfusion/a-n/a. 2014 <http://onlinelibrary.wiley.com/doi/10.1111/trf.12573/abstract>

Pagarkar W, Khopkar S, Agrawal M. Stiff man syndrome. Indian Pediatr. 1998 Sep;35(9):904-6.
<http://www.ncbi.nlm.nih.gov/pubmed/10216602>

Panzer J, Dalmau J. Movement disorders in paraneoplastic and autoimmune disease. Curr Opin Neurol. 2011;24(4):346-53. doi: 10.1097/WCO.0b013e328347b307.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3705177/>

Parisi L, Pierelli F, Amabile G, Valente G, et al. Muscular cramps: proposals for a new classification. Acta Neurologica Scandinavica 2003;107:3, 176-186

Penn RD, Mangieri EA. Stiff-man syndrome treated with intrathecal baclofen. Neurology 1993, 43:2412.
<http://www.neurology.org/content/43/11/2412.1.full.pdf>

Perez AS, Bertorini TE, Narayanaswami P. A woman with spontaneous focal muscle movements. Journal of Clinical Neuromuscular Disease 2006;8:1, 35-44

Petit-Pedrol M, Armangue T, Peng X, et al. Encephalitis with refractory seizures, status epilepticus, and antibodies to the GABA_A receptor: a case series, characterisation of the antigen, and analysis of the effects of antibodies. Lancet Neurol. 2014;13(3):276-86.[http://dx.doi.org/10.1016/S1474-4422\(13\)70299-0](http://dx.doi.org/10.1016/S1474-4422(13)70299-0)

Pfeiffer G, Hinse P, Humbert T, Riemer G. Neurophysiology of orthostatic tremor. Influence of transcranial magnetic stimulation. Electromyogr Clin Neurophysiol. 1999 Jan-Feb;39(1):49-53.

Pfützner A, Forst T, Ambrosch A, Schmitz H, Lichtwald K, Beyer J. Determination of anti GAD65 autoantibodies with an ELISA before and after standardization with the new international reference serum. Exp Clin Endocrinol Diabetes. 1995;103(2):123-5.

Picciolo G, Quartarone A, Battaglia F, et al. *A patient with atypical stiff-person syndrome: An electrophysiological study.* Journal of Clinical Neuromuscular Disease 2001;3:1, 20-22

Piccolo G, Cosi V, Zandritini C, et al. *Steroid-responsive and dependent stiff-man syndrome: a clinical and electrophysiological study of two cases.* Ital J Neurol Sci 1988;9:559-66

Piccolo G, Cosi V. *Stiff-man syndrome, dysimmune disorder, and cancer.* Ann Neurol 1989;26:105.
<http://www.ncbi.nlm.nih.gov/pubmed/2774499>

Piccolo G, Martino G, Moglia A, et al. *Autoimmune myasthenia gravis with thymoma following the spontaneous remission of stiff-man syndrome.* Ital J. Neurol Sci. 1990;11;177. <http://www.ncbi.nlm.nih.gov/pubmed/2361854>

Piotrowicz A, Thümen A, Leite MI, Vincent A, Moser A. *A case of glycine-receptor antibody-associated encephalomyelitis with rigidity and myoclonus (PERM): clinical course, treatment and CSF findings.* J Neurol. 2011 Dec;258(12):2268-70. doi: 10.1007/s00415-011-6078-x. Epub 2011 May 4.
<http://www.ncbi.nlm.nih.gov/pubmed/21541785>

Piovano C, Piattelli M, Spina T, Iervese G, Bosco G. *The stiff-person syndrome.* Case report. Minerva Anestesiol. 2002 Nov;68(11):861-5.

Piquer S, Belloni C, Lampasona V, et al. *Humoral autoimmune responses to glutamic acid decarboxylase have similar target epitopes and subclass that show titer-dependent disease association.* Clin Immunol. 2005 Oct;117(1):31-5.

Pittock SJ, Lennon VA, McKeon A. *Stiff eyes in stiff-person syndrome.* Neurology 2009;72:1877-1878.
doi:10.1212/01.wnl.0000346465.92949.53. <http://www.ncbi.nlm.nih.gov/pubmed/19470975>

Pleasure D. *GlyRa1, GAD65, amphiphysin, and gephyrin autoantibodies: leading or supporting roles in stiff-person disorders?* JAMA Neurol. 2013 Jan;70(1):16-7. doi: 10.1001/2013.jamaneurol.455.

Potter K. *Physical therapy during in-patient rehabilitation for a patient with Stiff-Person Syndrome.* J Neurol Phys Ther. 2006 Mar;30(1):28-38.

Prasad V. *A perplexing consult for pseudoseizures: stiff-man syndrome.* J Neuropsychiatry Clin Neurosci. 2010 Fall;22(4):451. doi: 10.1176/appi.neuropsych.22.4.451-k.e20.
<http://neuro.psychiatryonline.org/article.aspx?articleid=104332>

Prevett MC, Brown P, Duncan JS. *Improvement of stiffman syndrome with vigabatrin.* Neurology 1997, 48:1133-1134. <http://www.ncbi.nlm.nih.gov/pubmed/9109919>

Pugliese A, Gianani R, Eisenbarth GS, De Camilli P, Solimena M. *Genetics of susceptibility and resistance to insulin-dependent diabetes in stiff-man syndrome.* Lancet. 1994 Oct 8;344(8928):1027-8.

Pugliese A, Solimena M, Awdeh ZL, et al. *Association of HLA-DQB1*0201 with stiff-man syndrome.* J Clin Endocrinol Metab 1993;77:1550.

Qin X, Wang DX, Wu XM. *Anesthetic management of a patient with stiff-person syndrome and thymoma: a case report.* Chin Med J (Engl). 2006 Jun 5;119(11):963-5.

Qureshi A, Hennessy M. *Stiff person syndrome (SPS) complicated by respiratory failure: successful treatment with rituximab.* Journal of Neurology 2012;259:1, 180-181 <http://www.ncbi.nlm.nih.gov/pubmed/21647727>

Rabinowe SL. *Immunology of diabetic and polyglandular neuropathy.* Diabetes / Metabolism Reviews 1990;6:3, 169-187.

Rae SA, Rose PE, Powell-Jackson P, et al. *A stiff-man with malabsorption.* J R Soc Med 1988;81:1115-117.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1291484/>

Raju R, Foote J, Banga JP, et al. *Analysis of GAD65 autoantibodies in Stiff-Person syndrome patients.* J Immunol. 2005 Dec 1;175(11):7755-62.

Raju R, Hampe CS. *Immunobiology of stiff-person syndrome.* Int Rev Immunol. 2008 Jan-Apr;27(1-2):79-92. doi: 10.1080/08830180701883240. Review.

Raju R, Rakocevic G, Chen Z, et al. *Autoimmunity to GABA_A-receptor associated protein in stiff person syndrome.* Brain, 2006;129:3270-6

Rakocevic G, Floeter MK. *Autoimmune stiff person syndrome and related myopathies: understanding of electrophysiological and immunological processes.* Muscle Nerve. 2012 May;45(5):623-34. doi: 10.1002/mus.23234. Review.

Rakocevic G, Hussain A. *Stiff person syndrome improvement with chemotherapy in a patient with cutaneous T cell lymphoma.* Muscle Nerve. 2013 Jun;47(6):938-9. doi: 10.1002/mus.23706. Epub 2013 Apr 21. No abstract available. http://www.neurology.org/cgi/content/meeting_abstract/78/1_MeetingAbstracts/P04.165

Rakocevic G, Raju R, Semino-Mora C, Dalakas MC. *Stiff person syndrome with cerebellar disease and high-titer anti-GAD antibodies.* Neurology. 2006;67(6):1068-1070. doi: 10.1212/01.wnl.0000237558.83349.d0.
<http://www.neurology.org/content/67/6/1068>

Rantala H, Kulmala P, Savola K, Knip M. *Absence of glutamic acid decarboxylase antibodies in childhood epilepsies.* Pediatric Neurology 1999;21:5, 794-796

Rees JH. *Paraneoplastic syndromes: when to suspect, how to confirm, and how to manage.* J Neurol Neurosurg Psychiatry. 2004;75(Suppl II):ii43–ii50. doi: 10.1136/jnnp.2004.040378.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1765657/>

Rehman HU. *Stiff-man syndrome.* Postgrad Med J. 1998 Nov;74(877):641-2.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2431618/>

Requena I, Arias M, Pardo J, et al. *Syndromes of continuous muscular activity: report of a central case (stiff-man) and a peripheral case (neuromyotonia) associated with neuroborreliosis.* Rev Neurol 1995;23:129.

Rizzi M, Knoth R, Hampe CS, et al. *Long-lived plasma cells and memory B cells produce pathogenic anti-GAD65 autoantibodies in stiff person syndrome.* PLoS One 2010;5:e10838.

Rodrigues de Cerqueira AC, Ferreira Bezerra JM, Rozenthal M, Egídio Nardi A. *Stiff-Person syndrome and generalized anxiety disorder.* Arq Neuropsiquiatr 2010;68(4):659-661
<http://www.scielo.br/pdf/anp/v68n4/v68n4a36.pdf>

- Rommer PS, Patejdl R, Zettl UK. *Monoclonal antibodies in the treatment of neuroimmunological diseases.* Curr Pharm Des. 2012;18(29):4498-507. Review. <http://www.eurekaselect.com/102132/article>
- Roobol TH, Kazzaz BA, Vecht CJ. *Segmental rigidity and spinal myoclonus as a paraneoplastic syndrome.* J Neurol Neurosurg Psychiatry. 1987;50:628. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1031977/>
- Rosenfeld MR, Dalmau J. *The clinical spectrum and pathogenesis of paraneoplastic disorders of the central nervous system.* Hematology/Oncology Clinics of North America. 2001;15(6):1109-1128.
<http://www.ncbi.nlm.nih.gov/pubmed/11770301>
- Rosenfeld MR, Dalmau J. *Update on paraneoplastic neurologic disorders.* The Oncologist. 2010;15:603-617.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3227988/>
- Rossi S, Olivelli M, Malentacchi M, et al. *Effects of immunotherapy on motor cortex excitability in Stiff Person Syndrome.* J Neurol. 2010 Feb;257(2):281-5. doi: 10.1007/s00415-009-5331-z. Epub 2009 Oct 10.
<http://www.ncbi.nlm.nih.gov/pubmed/19820984>
- Rüegg SJ, Steck AJ, Fuhr P. *Levetiracetam improves paroxysmal symptoms in a patient with stiff-person syndrome.* Neurology. 2004 Jan 27;62(2):338. <http://www.ncbi.nlm.nih.gov/pubmed/14745090>
- Ryan SG, Sherman SL, Terry JC, et al. *Startle disease or hyperkalexia: response to clonazepam and assignment of the gene (STHE) to chromosome 5q by linkage analysis.* Ann Neurol 1992;31:663.
- Saiz A, Graus F, Valldeoriola F, et al. *Stiff-leg syndrome: A focal form of stiff-man syndrome.* Annals of Neurology. 1998;43:3:400-403. <http://www.ncbi.nlm.nih.gov/pubmed/9506561>
- Saiz A, Mínguez A, Graus F, Marín C, Tolosa E, Cruz-Sánchez F. *Stiff-man syndrome with vacuolar degeneration of anterior horn motor neurons.* J Neurol. 1999 Sep;246(9):858-60.
- Sandbrink F, Syed NA, Fujii MD, Dalakas MC, Floeter MK. *Motor cortex excitability in stiff-person syndrome.* Brain. 2000 Nov;123 (Pt 11):2231-9. <http://brain.oxfordjournals.org/content/123/11/2231.full.pdf+html>
- Sander JE, Layzer RB, Goldsobel AB. *Congenital stiff-man syndrome.* Ann Neurol. 1980;(2):195-7.
<http://www.ncbi.nlm.nih.gov/pubmed/7425575>
- Sanefuji M, Torisu H, Kira R, et al. *A case of childhood stiff-person syndrome with striatal lesions: a possible entity distinct from the classical adult form.* Brain Dev. 2013 Jun;35(6):575-8. doi: 10.1016/j.braindev.2012.08.003. Epub 2012 Sep 1. <http://www.ncbi.nlm.nih.gov/pubmed/22944247>
- Saravanan PK, Paul J, Sayeed ZA. *Stiff person syndrome and myasthenia gravis.* Neurol India. 2002 Mar;50(1):98-100. <http://www.neurologyindia.com/text.asp?2002/50/1/98/1351>
- Sardana RK, Awad R, Arnason JT, Trudeau VL. *Expression of recombinant goldfish glutamic acid decarboxylase 65 and evidence for differential pH and PLP responsiveness compared to the human enzyme.* Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology 2006;144:1, 94-100
- Scavone G, Zaccardi F, Manto A, Caputo S, Pitocco D, Ghirlanda G. *A case of chronic hepatitis C developing insulin-dependent diabetes, thyroid autoimmunity and stiff-person syndrome as complications of interferon therapy.* Diabetes Res Clin Pract. 2010 Aug;89(2):e36-8. doi: 10.1016/j.diabres.2010.05.006. Epub 2010 Jun 11.

Scherbaum WA. *Cytoplasmic islet cell antibodies (ICA): towards a molecular understanding of the autoantigens.* Clinical Endocrinology 1994;40:1, 15-18

Schmidt C, Freilinger T, Lieb M, et al. *Progressive encephalomyelitis with rigidity and myoclonus preceding otherwise asymptomatic Hodgkin's lymphoma.* J Neurol Sci. 2010;291(1-2):118-20.
<http://www.ncbi.nlm.nih.gov/pubmed/20110093>

Schmidt RT, Stahl SM, Spehlman R. *A pharmacologic study of the stiff-man syndrome.* Neurology 1975;25:622-626.

Schmierer K, Grosse P, De Camilli P, Solimena M, Floyd S, Zschenderlein R. *Paraneoplastic stiff-person syndrome: no tumor progression over 5 years.* Neurology. 2002 Jan 8;58(1):148.
<http://www.ncbi.nlm.nih.gov/pubmed/11781426>

Schmierer K, Valdueza JM, Bender A, et al. *Atypical stiff-person syndrome with spinal MRI findings, amphiphysin autoantibodies, and immunosuppression.* Neurology 1998;51:250

Schreiber AL, Vasudevan JM, Fetouh SK, Ankam NS, Hussain A, Rakocevic G. *Atypical clinically diagnosed stiff-person syndrome response to dantrolene--a refractory case.* Muscle Nerve. 2012 Mar;45(3):454-5. doi: 10.1002/mus.22331. <http://www.ncbi.nlm.nih.gov/pubmed/22334188>

Schröder A, Linker RA, Gold R. *Plasmapheresis for neurological disorders.* Expert Rev Neurother. 2009 Sep;9(9):1331-9. doi: 10.1586/ern.09.81. Review. <http://www.ncbi.nlm.nih.gov/pubmed/19769448>

Schulze-Bonhage A, Knott H, Ferbert A. *Pure stimulus-sensitive truncal myoclonus of propriospinal origin.* Movement Disorders 1996; 11:1, 87-90 <http://www.ncbi.nlm.nih.gov/pubmed/8771073>

Schwartz HL, Chandonia JM, Kash SF, et al. *High-resolution autoreactive epitope mapping and structural modeling of the 65 kDa form of human glutamic acid decarboxylase.* Journal of Molecular Biology 1999;287:5, 983-999

Sechi G, Barrocu M, Pilizza MG, et al. *Levetiracetam in stiff-person syndrome.* J Neurol 2008;255:1721-5
<http://www.ncbi.nlm.nih.gov/pubmed/18769864>

Seitz RJ, Blank B, Kiwit JC, Benecke R. *Stiff-person syndrome with anti-glutamic acid decarboxylase autoantibodies: complete remission of symptoms after intrathecal baclofen administration.* J Neurol. 1995 Oct;242(10):618-22. Review. <http://www.ncbi.nlm.nih.gov/pubmed/8568521>

Sengupta S, Tarsy D, Joyce R, Jeyapalan S. *Novel use of dual immunomodulation for treating stiff-person syndrome, cerebellar variant.* Movement Disorders 2013;28:13, 1905-1906
<http://www.ncbi.nlm.nih.gov/pubmed/23839936>

Sevrin C, Moulin T, Tatu L, et al. "Stiff-man" syndrome treated with intravenous immunoglobulins. Rev Neurol (Paris) 1998, 154:431. <http://www.ncbi.nlm.nih.gov/pubmed/9773079>

Shariatmadar S, Noto TA. *Plasma Exchange in Stiff-Man Syndrome.* Therapeutic Apheresis and Dialysis 2001;5:1, 64-67 <http://www.ncbi.nlm.nih.gov/pubmed/11258614>

Sharma SD, Sarna A, Mukhopadhyay S. *Neonatal hyperekplexia: the stiff-baby syndrome*. Indian Pediatr. 2006; 43(6):539-41.<http://www.ncbi.nlm.nih.gov/pubmed/16820664>

Sharqi IA. *Improvement of stiff-man syndrome with vigabatrin*. Neurology. 1998 Mar;50(3):833-4.
<http://www.neurology.org/content/50/3/833.2.full>

Shaw PJ. *Stiff-man syndrome and its variants*. Lancet 1999, 353:86-87.

Shimberg WR, Patel NB, Sullivan KL, Hauser RA, Zesiewicz TA. *Levetiracetam for stiff-person syndrome: report of 2 patients*. Clin Neuropharmacol. 2008 Sep-Oct;31(5):301-2. doi: 10.1097/WNF.0b013e31815f8df0.
<http://www.ncbi.nlm.nih.gov/pubmed/18836351>

Shinkeigaku R. *Successful treatment in a patient with a focal form of stiff-person syndrome using plasma exchange and intravenous immunoglobulin therapy*. 2002 Aug;42(8):766-70.
<http://www.ncbi.nlm.nih.gov/pubmed/12701225>

Shiraishi H, Motomura M, Iwanaga H, et al. *Successful treatment in a patient with a focal form of stiff-person syndrome using plasma exchange and intravenous immunoglobulin therapy*. Journal-Rinsho Shinkeigaku. 2002;42(8):766-70. <http://www.ncbi.nlm.nih.gov/pubmed/12701225>

Sidransky MA, Tran NV, Kaye AD. *Anesthesia considerations in stiff person syndrome*. Middle East J Anesthesiol. 2013 Jun;22(2):217-21.

Silbert PL, Matsumoto JY, McManis PG, et al. *Intrathecal baclofen therapy in stiff-man syndrome: a double-blind, placebo-controlled trial*. Neurology 1995, 45:1893–1897.<http://www.ncbi.nlm.nih.gov/pubmed/7477988>

Silverman IE. *Paraneoplastic stiff limb syndrome*. J Neurol Neurosurg Psychiatry. 1999;67(1):126-7.
<http://jnnp.bmjjournals.org/content/67/1/126.full>

Singhal S, Gontu V, Choudhary P, Auer D, Bajaj N. Spinocerebellar ataxia type 1 mimicking stiff person syndrome. Mov Disord. 2009 Oct 30;24(14):2158-60. doi: 10.1002/mds.22521.
<http://www.ncbi.nlm.nih.gov/pubmed/19705462>

Sinnreich M, Assal F, Hefft S, et al. *Anti-GAD antibodies and breast cancer in a patient with stiff-person syndrome: a puzzling association*. Eur Neurol. 2001;46(1):51-2. <http://www.ncbi.nlm.nih.gov/pubmed/11455186>

Sirén A, Legros B, Chahine L, Misson JP, Pandolfo M. *Hyperekplexia in Kurdish families: a possible GLRA1 founder mutation*. Neurology. 2006 Jul 11;67(1):137-9.

Skorstad G, Hestvik AL, Vartdal F, Holmøy T. *Cerebrospinal fluid T cell responses against glutamic acid decarboxylase 65 in patients with stiff person syndrome*. J Autoimmun. 2009 Feb;32(1):24-32. doi: 10.1016/j.jaut.2008.10.002. Epub 2008 Nov 21.

Solimena M, Butler MH, De Camilli P. *GAD, diabetes, and Stiff-Man syndrome: Some progress and more questions*. Journal of Endocrinological Investigation 1994;17:7, 509-520

Solimena M, Dirkx R, Butler M, et al. *Stiff-man syndrome and GAD (an updated view)*. Advances in Pharmacological Sciences 1996, pp 31-43

- Solimena M, Folli F, Denis-Donini S, et al. *Autoantibodies to glutamic acid decarboxylase in a patient with stiff-man syndrome, epilepsy, and type 1 diabetes mellitus.* N Engl J Med 1988;318:1012-20
- Solimena M, Folli F, Toso V, De Camilli P. *Autoantibodies directed against GABA-ergic synapses in a second case of stiff-man syndrome and epilepsy.* Berardelli A, Benecke R, Manfredi M, Marsden CD (eds) Motor Disturbances II. 1990 Academic Press, New York.
- Souza-Lima CF, Ferraz HB, Braz CA, Araújo AM, Manzano GM. *Marked improvement in a stiff-limb patient treated with intravenous immunoglobulin.* Mov Disord. 2000 Mar;15(2):358-9.
<http://www.ncbi.nlm.nih.gov/pubmed/10752598>
- Soykan I, McCallum RW. *Gastrointestinal involvement in neurologic disorders: stiff-man and Charcot-Tooth syndromes.* Am J Med Sci. 1997;313:70. <http://www.ncbi.nlm.nih.gov/pubmed/9001170>
- Spada PT, Spada JB. *Stiff-man syndrome: a rare disorder of the central nervous system.* J Neurosci Nurs. 1994 Dec;26(6):364-6. Review. <http://www.ncbi.nlm.nih.gov/pubmed/7706841>
- Spehlmann R, Norcross K, Rasmus SC, et al. *Improvement of stiff-man syndrome with sodium valproate.* Neurology 1981, 31:1162-1163.
- Squintani G, Bovi T, Ferigo L, et al. *Efficacy of pregabalin in a case of stiff-person syndrome: clinical and neurophysiological evidence.* J Neurol Sci. 2012 Mar 15;314(1-2):166-8. doi: 10.1016/j.jns.2011.10.023. Epub 2011 Nov 13. <http://www.ncbi.nlm.nih.gov/pubmed/22082988>
- Stayer C, Tronnier V, Dressnandt J, et al. *Intrathecal baclofen therapy for stiff-man syndrome and progressive encephalopathy with rigidity and myoclonus.* Neurology 1997, 49:1591-1597. <http://www.ncbi.nlm.nih.gov/pubmed/9409352>
- Steffen H, Menger N, Richter W, et al. *Immune-mediated retinopathy in a patient with stiff-man syndrome.* Graefes Arch Clin Exp Ophthalmol. 1999 Mar;237(3):212-9. <http://www.ncbi.nlm.nih.gov/pubmed/10090584>
- Stern WM, Howard R, Chalmers RM, et al. *Glycine receptor antibody-mediated progressive encephalomyelitis with rigidity and myoclonus (PERM): a rare but treatable neurological syndrome.* Pract Neurol. 2014;14(2):123-7. <http://www.ncbi.nlm.nih.gov/pubmed/23564494>
- Stuart FS, Henry M, Holley HL. *The Stiff-man syndrome: report of a case.* Arthritis Rheum 1960;3:229-232.
- Sudo K, Tajima Y, Matsumoto A. *High-dose intravenous immune globulin for stiff-person syndrome.* N Engl J Med. 2002 May 30;346(22):1747-8; author reply 1747-8.
<http://www.nejm.org/doi/full/10.1056/NEJM200205303462214>
- Tanaka H, Matsumura A, Okumura M, Kitaguchi M, Yamamoto S, Iuchi K. *Stiff man syndrome with thymoma.* Ann Thorac Surg. 2005;80(2):739-41. <http://www.ncbi.nlm.nih.gov/pubmed/16039251>
- Tarsy D, Miyawaki EK. *Stiff-man syndrome. Report of a case.* Arch Intern Med. 1994 Jun 13;154(11):1285-8.
- Teive HA, Munhoz RP, Cardoso J, Amaral VC, Werneck LC. *Stiff-three limbs syndrome.* Mov Disord. 2009;24(2):311-2. doi: 10.1002/mds.22344. http://www.researchgate.net/publication/23414811_Stiff-three_limbs_syndrome

Thomas S, Critchley P, Lawden M, et al. *Stiff person syndrome with eye movement abnormality, myasthenia gravis, and thymoma*. J Neurol Neurosurg Psychiatry. 2005;76:141-142. <http://jnnp.bmjjournals.org/content/76/1/141.extract>

Thompson PD. *Stiff muscles*. Journal of Neur Neurosurg Psych 1993;56:121-124.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1014808/>

Thompson PD. *The stiff-man syndrome and related disorders*. Parkinsonism & Related Disorders 2001;8:2, 147-153 <http://www.ncbi.nlm.nih.gov/pubmed/12360534>

Thümen A, Moser A. *An uncommon paraneoplastic Ri-positive opsoclonus-myoclonus-like syndrome and stiff-person syndrome with elevated glutamate/GABA ratio in the cerebrospinal fluid after breast cancer*. J Neurol. 2010;257(7):1215-7. <http://www.ncbi.nlm.nih.gov/pubmed/20177693>

Tiberti C, Falorni A, Torresi P, Vecchi E, Anastasi E, Dotta F, Di Mario U. *A new solid-phase radioimmunoassay to detect anti-GAD65 autoantibodies*. J Immunol Methods. 1997 Sep 24;207(2):107-13.

Tilikete C, Vighetto A, Trouillas P, Honnorat J. *Potential Role of Anti-GAD Antibodies in Abnormal Eye Movements*. Annals of the New York Academy of Sciences 2005;1039:1, 446-454

Tinsley A, Barth EM, Black JL, Williams DE. *Psychiatric consultations of stiff-man syndrome*. J Clin Psychiatry 1997;58:444. <http://www.ncbi.nlm.nih.gov/pubmed/9375596>

Todman D. *Stiff-Person Syndrome (Moersch-Woltman Syndrome)*. The Internet Journal of Neurology. 2006. Volume 7 Number 1. Available from: Internet Scientific Publications. <http://ispub.com/IJN/7/1/5243>. Accessed May 1, 2014.

Trethowan WH, Allsop JL, Turner B. *The "stiff-man" syndrome: a report of two further cases*. Arch Neurol 1960;3:448-456.

Tsai T, McGrath R. *Lymphoma, thymoma and the wooden man: stiff-person syndrome post-thymoma excision and non-Hodgkin lymphoma remission*. Intern Med J. 2012;42(2):205-7. doi: 10.1111/j.1445-5994.2011.02688.x. <http://www.ncbi.nlm.nih.gov/pubmed/22356495>

Tumani H, Brettschneider J. *Biochemical markers of autoimmune diseases of the nervous system*. Curr Pharm Des. 2012;18(29):4556-63. Review.

Turner MR, Irani SR, Leite MI, Nithi K, Vincent A, Ansorge O. *Progressive encephalomyelitis with rigidity and myoclonus: glycine and NMDA receptor antibodies*. Neurology. 2011;77(5):439-43. doi: 10.1212/WNL.0b013e318227b176. <http://www.ncbi.nlm.nih.gov/pubmed/21775733>

Tyndall A. *Successes and failures of stem cell transplantation in autoimmune diseases*. Hematology Am Soc Hematol Educ Program. 2011;2011:280-4. doi: 10.1182/asheducation-2011.1.280.

Udani VP, Dharnidharka VR, Gajendragadkar AR, Udani SV. *Sporadic stiff man syndrome in a young girl*. Pediatr Neurol. 1997;17(1):58-60. <http://www.ncbi.nlm.nih.gov/pubmed/9308978>

Ughratdar I, Sivakumar G, Basu S. *Spinal cord stimulation to abort painful spasms of atypical stiff limb syndrome*. Stereotact Funct Neurosurg. 2010;88(3):183-6. doi: 10.1159/000313871. Epub 2010 May 1.

- ul Haq I, Foote KD, Okun MS. *Clinical Overview of Movement Disorders*. In: Youmans Neurological Surgery. Elsevier, 2011:899-913.
- Valentino, MA. A 47-year-old Female with Muscular Rigidity, New Onset Diabetes, and Hypothyroidism. Thomas Jefferson University Hospitals Forum Volume 14, Article 15, 2013;1-6. <http://jdc.jefferson.edu/tmf/vol14/iss1/15/>
- Valldorriola F. *Movement disorders of autoimmune origin*. J Neurol. 1999 Jun;246(6):423-31. Review. 2003
- Vasconcelo, OM, Dalakas MC. *Stiff Person Syndrome*. Current Treatment Options in Neurology. 2003; 5:79-90. <http://www.ncbi.nlm.nih.gov/pubmed/12521565>, <http://link.springer.com/article/10.1007%2Fs11940-003-0024-x>
- Venhoff N, Rizzi M, Salzer U, et al. *Monozygotic twins with stiff-person syndrome and autoimmune thyroiditis: rituximab inefficiency in a double-blind, randomised, placebo controlled crossover study*. Ann Rheum Dis. 2009;68:1506-1508 doi:10.1136/ard.2008.103721. <http://ard.bmjjournals.org/content/68/9/1506>
- Veri K, Uibo O, Talvik T, et al. *Newly-diagnosed pediatric epilepsy is associated with elevated autoantibodies to glutamic acid decarboxylase but not cardiolipin*. Epilepsy Research 2013;105:1-2, 86-91
- Vermeij FH, van Doorn PA, Busch HF. *Improvement of stiff-man syndrome with vigabatrin*. Lancet 1996, 348:612.
- Vianello M, Bisson G, Dal Maschio M, et al. *Increased spontaneous activity of a network of hippocampal neurons in culture caused by suppression of inhibitory potentials mediated by anti-gad antibodies*. Autoimmunity. 2008 Feb;41(1):66-73. doi: 10.1080/08916930701619565.
- Vianello M, Keir G, Giometto B, Betterle C, Tavolato B, Thompson EJ. *Antigenic differences between neurological and diabetic patients with anti-glutamic acid decarboxylase antibodies*. Eur J Neurol. 2005 Apr;12(4):294-9.
- Vicari AM, Folli F, Pozza G, et al. *Plasmapharesis in the treatment of stiff-man syndrome*. N Engl J Med 1989;320:1499. <http://www.ncbi.nlm.nih.gov/pubmed/2716805>
- Vicente-Valor MI, Garcia-Llopis P, Mejia Andujar L, et al. *Cannabis derivatives therapy for a seronegative stiff-person syndrome: a case report*. J Clin Pharm Ther. 2013 Feb;38(1):71-3. doi: 10.1111/j.1365-2710.2012.01365.x. Epub 2012 Jun 21. <http://www.ncbi.nlm.nih.gov/pubmed/22726074>
- Vincent A, Grimaldi LM, Martino G, Davenport C, Todd I. *Antibodies to 125I-glutamic acid decarboxylase in patients with stiff man syndrome*. J Neurol Neurosurg Psychiatry. 1997 Apr;62(4):395-7.
- Vincent A. *Stiff, twitchy or wobbly--are GAD antibodies pathogenic?* Brain 2008; 131:10, 2536-2537
- Vives-Pi M, Sabater L. *Stiff person syndrome and cerebellar ataxia associated with glutamic acid decarboxylase antibodies and type 1 diabetes: What is the link between neurological diseases and autoimmunity to the beta cell?* Inmunología 2010;29:4, 119-124
- Voci JM, al-Hakim M, Dokko Y, Katirji MB. *Intravenous methocarbamol in the treatment of stiff-man syndrome*. Muscle Nerve. 1993 Apr;16(4):434-5.
- Walikonis JE, Lennon VA. *Radioimmunoassay for glutamic acid decarboxylase (GAD65) autoantibodies as a diagnostic aid for stiff-man syndrome and a correlate of susceptibility to type 1 diabetes mellitus*. Mayo Clin Proc. 1998 Dec;73(12):1161-6.

- Warich-Kirches M, Von Bossanyi P, Treuheit T, et al. *Stiff-man syndrome: possible autoimmune etiology targeted against GABA-ergic cells.* Clin Neuropathol. 1997 Jul-Aug;16(4):214-9.
- Warren JD, Scott G, Blumberg PC, Thompson PD. *Pathological evidence of encephalomyelitis in the stiff man syndrome with anti-GAD antibodies.* Journal of Clinical Neuroscience. 2002;9:3:328-329.
<http://www.ncbi.nlm.nih.gov/pubmed/12093149>
- Watanabe K, Shimzu T, Mannen T, Toyokura Y, Nagashima K. *An autopsy case with unusual muscle rigidity resembling stiff-person syndrome.* Clin Neurol 1984 (Tokyo) 24:839-847.
- Weatherby SJ, Woolner P, Clarke CE. *Pregnancy in stiff-limb syndrome.* Mov Disord. 2004 Jul;19(7):852-4.
- Wei J, Jin Y, Wu H, Sha Di, Wu JY. *Identification and functional analysis of truncated human glutamic acid decarboxylase 65.* Journal of Biomedical Science 2003;10:6, 617-624
- Weinstein R. *Therapeutic apheresis in neurological disorders.* J Clin Apher. 2000;15(1-2):74-128. Review.
<http://www.ncbi.nlm.nih.gov/pubmed/10767052>
- Weitgasser R, Sommavilla B, Stieglbauer K. *Insulin treatment in a patient with Type 2 diabetes and Stiff-person syndrome.* Diabet Med. 2009 Jan;26(1):111-2. doi: 10.1111/j.1464-5491.2008.02605.x.
- Wekerle H. *Neurological diseases.* Current Opinion in Immunology 1991;3:6, 896-901
- Werk EE Jr, Sholiton LJ. *The "stiff-man" syndrome and hyperthyroidism.* Am J Med 1996;31:647
<http://www.ncbi.nlm.nih.gov/pubmed/14006194>
- Wessig C, Klein R, Schneider MF, et al. *Neuropathology and binding studies in anti-amphiphysin-associated stiff-person syndrome.* Neurology 2003;61:195.
- Westblom Ulf. *Stiff-man syndrome and clonazepam.* JAMA 1977, 237:1930.
- Whelan JL. *Baclofen in treatment of the stiff-man syndrome.* Arch Neurol 1980, 37:600–601.<http://archneur.jamanetwork.com/article.aspx?articleid=579003>
- Whitley AM, Swash M, Urich H. *Progressive encephalomyelitis with rigidity.* Brain. 1976;99:27-42.
- Whitney KD, McNamara JO. *Autoimmunity and neurological disease (antibody modulation of synaptic transmission).* Annu Rev Neurosci. 1999;22:175-95.
- Wigge P, McMahon HT. *The amphiphysin family of proteins and their role in endocytosis at the synapse.* Trends Neurosci. 1998 Aug;21(8):339-44.
- Williams AC, Nutt JG, Hare T. *Autoimmunity in stiffman syndrome.* Lancet 1988;II:222.
- Willison HJ, Ang W, Gilhus NE, et al. *EFNS Task Force Report: a questionnaire-based survey on the service provision and quality assurance for determination of diagnostic autoantibody tests in European neuroimmunology centres.* European Journal of Neurology 2000;7:6, 625-628
- Willison HJ, Gilhus NE, Graus F, et al. *Use of Antibody Testing in Nervous System Disorders.* In: European Handbook of Neurological Management. Wiley-Blackwell, 2010:75-80.

- Wilson RK, Murinson BB. *Sudden spasms following gradual lordosis—the stiff-person syndrome*. Nature Clinical Practice Neurology 2006;2:8, 455-459 <http://www.nature.com/nrneurol/journal/v2/n8/full/ncpneuro0259.html>
- Witherick J, Highley JR, Hadjivassiliou M. *Pathological findings in a case of stiff person syndrome with anti-GAD antibodies*. Mov Disord. 2011 Sep;26(11):2138-9. doi: 10.1002/mds.23784. Epub 2011 May 24. No abstract available.
- Wong CG, Bottiglieri T, Snead OC 3rd. *GABA, gamma-hydroxybutyric acid, and neurological disease*. Ann Neurol. 2003;54 Suppl 6:S3-12. Review.
- Wong VC, Lam CW, Fung CW. *Stiff child syndrome with mutation of DYT1 gene*. Neurology. 2005 Nov 8;65(9):1465-6.
- Yamada KA, McAllen RM, Loewy AD. *GABA antagonist applied to the ventral surface of the medulla oblongata blocking the baroreceptor reflex*. Brain Res 1984;297:175-180.
- Yamamoto K, Hara K, Horishita T, Sata T. *Considerations for general anesthesia combined with epidural anesthesia in a patient with stiff-person syndrome*. J Anesth. 2007;21(4):490-2. Epub 2007 Nov 1.
- Yamamoto R, Li X, Winter S, Francke U, Kilimann MW. *Primary structure of human amphiphysin, the dominant autoantigen of paraneoplastic stiff-man syndrome, and mapping of its gene (AMPH) to chromosome 7p13-p14*. Hum Mol Genet. 1995 Feb;4(2):265-8.
- Zarczuk R, Łukasik D, Jędrych M, Borowicz KK. *Immunological aspects of epilepsy*. Pharmacological Reports 2010;62:4, 592-607.
- Zhou N, Wang CH, Zhang S, Wu DC. *The GLRA1 missense mutation W170S associates lack of Zn²⁺ potentiation with human hyperekplexia*. J Neurosci. 2013 Nov 6;33(45):17675-81. doi: 10.1523/JNEUROSCI.3240-13.2013.
- Zivotofsky AZ, Siman-Tov T, Gadoth N, Gordon CR. *A rare saccade velocity profile in Stiff-Person Syndrome with cerebellar degeneration*. Brain Res. 2006 Jun 6;1093(1):135-40. Epub 2006 May 24. <http://www.ncbi.nlm.nih.gov/pubmed/16725126>