

# Asymptomatic sequelae to acute sarin poisoning in the system 6 months after the Tokyo subway attack

Journal of Neurology

244, 601-606

DOI: [10.1007/s004150050153](https://doi.org/10.1007/s004150050153)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Tokyo Subway Sarin Attack: Disaster Management, Part 2: Hospital Response*. Academic Emergency Medicine, 1998, 5, 618-624.	1.8	251
2	Chronic neurobehavioral and central and autonomic nervous system effects of Tokyo subway sarin poisoning. Journal of Physiology (Paris), 1998, 92, 317-323.	2.1	63
3	Illness Among Gulf War Veterans. JAMA - Journal of the American Medical Association, 1998, 280, 1010.	7.4	6
4	P300 as a measure of cognitive dysfunction from occupational and environmental insults. Environmental Health and Preventive Medicine, 1999, 4, 103-110.	3.4	5
5	Evoked Potentials in Faroese Children Prenatally Exposed to Methylmercury. Neurotoxicology and Teratology, 1999, 21, 471-472.	2.4	111
6	Deriving Toxicity Values for Organophosphate Nerve Agents: A Position Paper in Support of the Procedures and Rationale for Deriving Oral RfDs for Chemical Warfare Nerve Agents. Human and Ecological Risk Assessment (HERA), 1999, 5, 589-634.	3.4	21
7	Preparedness against Nerve Agent Terrorism. ACS Symposium Series, 1999, , 356-368.	0.5	2
9	Somatic war syndromes: no man's land between the trenches?. European Journal of Clinical Investigation, 2000, 30, 566-569.	3.4	1
10	EVALUATION OF THE ARMY'S INTERIM REFERENCE DOSE FOR GA. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2000, 59, 303-311.	2.3	1
11	P300 as a clinical assay: rationale, evaluation, and findings. International Journal of Psychophysiology, 2000, 38, 3-19.	1.0	394
12	Gulf War Syndrome: Another Side of the Debate. Mayo Clinic Proceedings, 2000, 75, 1221-1222.	3.0	1
13	Effects of sarin on the nervous system in rescue team staff members and police officers 3 years after the Tokyo subway sarin attack.. Environmental Health Perspectives, 2001, 109, 1169-1173.	6.0	105
14	Neuropsychological function in Gulf War veterans: relationships to self-reported toxicant exposures. American Journal of Industrial Medicine, 2001, 40, 42-54.	2.1	77
15	Organophosphorus Chemical Warfare Agents. , 2001, , 83-108.		2
16	Neurophysiological evidence of cognitive impairment in patients without hepatic encephalopathy after transjugular intrahepatic portosystemic shunts. American Journal of Gastroenterology, 2002, 97, 162-166.	0.4	26
17	Clinical features on nerve gas terrorism in Matsumoto. Journal of Clinical Neuroscience, 2002, 9, 17-21.	1.5	61
18	Illness experience of Gulf War veterans possibly exposed to chemical warfare agents. American Journal of Preventive Medicine, 2002, 23, 200-206.	3.0	37
19	Sarin: health effects, metabolism, and methods of analysis. Food and Chemical Toxicology, 2002, 40, 1327-1333.	3.6	67

#	ARTICLE	IF	CITATIONS
20	Cholinesterase estimations revisited: the clinical relevance. <i>European Journal of Anaesthesiology</i> , 2002, 19, 313.	1.7	5
21	Sarin causes early differential alteration and persistent overexpression in mRNAs coding for glial fibrillary acidic protein (GFAP) and vimentin genes in the central nervous system of rats. <i>Neurochemical Research</i> , 2002, 27, 407-415.	3.3	31
22	A Review of the History of Traumatic Stress Studies in Japan. <i>Trauma, Violence, and Abuse</i> , 2003, 4, 195-209.	6.2	40
23	Nerve Agent Attacks on Children: Diagnosis and Management. <i>Pediatrics</i> , 2003, 112, 648-658.	2.1	84
24	Assessment of Urinary Cotinine as a Marker of Nicotine Absorption from Tobacco Leaves: A Study on Tobacco Farmers in Malaysia. <i>Journal of Occupational Health</i> , 2003, 45, 140-145.	2.1	50
25	Nerve Agents: Pathophysiology and Treatment of Poisoning. <i>Seminars in Neurology</i> , 2004, 24, 185-196.	1.4	23
26	Low levels of sarin affect the eeg in marmoset monkeys: a pilot study. <i>Journal of Applied Toxicology</i> , 2004, 24, 475-483.	2.8	23
27	Cardiac autonomic activity in methylmercury neurotoxicity: 14-year follow-up of a Faroese birth cohort. <i>Journal of Pediatrics</i> , 2004, 144, 169-176.	1.8	190
28	Effects of Sarin on the Nervous System of Subway Workers Seven Years after the Tokyo Subway Sarin Attack. <i>Journal of Occupational Health</i> , 2005, 47, 299-304.	2.1	127
29	The Tokyo subway sarin attack—lessons learned. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 471-476.	2.8	116
30	Acute and chronic effects of sarin exposure from the Tokyo subway incident. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 447-450.	4.0	26
31	Nerve Agents. <i>Neurologic Clinics</i> , 2005, 23, 623-641.	1.8	20
32	Resolving Disputes About Toxicological Risks During Military Conflict. <i>Toxicological Reviews</i> , 2005, 24, 167-180.	2.5	7
33	The Role of Oximes in the Treatment of Nerve Agent Poisoning in Civilian Casualties. <i>Toxicological Reviews</i> , 2006, 25, 297-323.	2.5	148
34	Sarin experiences in Japan: Acute toxicity and long-term effects. <i>Journal of the Neurological Sciences</i> , 2006, 249, 76-85.	0.6	303
35	Effects of sarin and cyclosarin exposure during the 1991 Gulf War on neurobehavioral functioning in US army veterans. <i>NeuroToxicology</i> , 2006, 27, 931-939.	3.0	107
36	Prehospital management of sarin nerve gas terrorism in urban settings: 10 years of progress after the Tokyo subway sarin attack. <i>Resuscitation</i> , 2006, 68, 193-202.	3.0	133
37	Toxicological assessments of Gulf War veterans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 649-679.	4.0	31

#	ARTICLE	IF	CITATIONS
38	Organophosphates and the Gulf War Syndrome. , 2006, , 69-78.		11
39	Development and Application of Acute Exposure Guideline Levels (AEGs) for Chemical Warfare Nerve and Sulfur Mustard Agents. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2006, 9, 173-263.	6.5	39
40	Nerve Agents. Neurologist, 2007, 13, 20-32.	0.7	87
41	Somatosensory amplification and its relationship to somatosensory, auditory, and visual evoked and event-related potentials (P300). Neuroscience Letters, 2007, 415, 185-189.	2.1	28
42	Our recent experiences with sarin poisoning cases in Japan and pesticide users with references to some selected chemicals. NeuroToxicology, 2007, 28, 364-373.	3.0	45
43	A Decade after the Tokyo Sarin Attack: A Review of Neurological Follow-Up of the Victims. Military Medicine, 2007, 172, 607-610.	0.8	53
44	Human brain structural change related to acute single exposure to sarin. Annals of Neurology, 2007, 61, 37-46.	5.3	116
45	Neurological aspects of chemical terrorism. Annals of Neurology, 2007, 61, 9-13.	5.3	36
46	Clinical application of somatosensory amplification in psychosomatic medicine. BioPsychoSocial Medicine, 2007, 1, 17.	2.1	88
47	Chemical terrorism and nerve agents. Medicine, 2007, 35, 573-575.	0.4	7
48	Chemical warfare agents. Environmental Toxicology and Pharmacology, 2008, 26, 113-122.	4.0	240
49	Long-term event-related potential changes following organophosphorus insecticide poisoning. Clinical Neurophysiology, 2008, 119, 144-150.	1.5	22
50	Nerve Agents. , 2009, , 646-659.		7
51	Auditory event-related potential changes in chronic occupational exposure to organophosphate pesticides. Clinical Neurophysiology, 2009, 120, 1693-1698.	1.5	18
52	The Tokyo Subway Sarin Attack. , 2009, , 25-32.		10
53	Epidemiology of Chemical Warfare Agents. , 2009, , 33-39.		1
54	The Nervous System as a Target for Chemical Warfare Agents. , 2009, , 463-480.		3
55	A murine model for sarin exposure using the carboxylesterase inhibitor CBDP. NeuroToxicology, 2010, 31, 502-508.	3.0	13

#	ARTICLE	IF	CITATIONS
57	Delayed Reduction of Hippocampal Synaptic Transmission and Spines Following Exposure to Repeated Subclinical Doses of Organophosphorus Pesticide in Adult Mice. <i>Toxicological Sciences</i> , 2012, 125, 196-208.	3.1	47
58	Exposure to nerve agents: From status epilepticus to neuroinflammation, brain damage, neurogenesis and epilepsy. <i>NeuroToxicology</i> , 2012, 33, 1476-1490.	3.0	102
59	Chemical terrorism and nerve agents. <i>Medicine</i> , 2012, 40, 77-79.	0.4	5
60	The recovery of acetylcholinesterase activity and the progression of neuropathological and pathophysiological alterations in the rat basolateral amygdala after soman-induced status epilepticus: Relation to anxiety-like behavior. <i>Neuropharmacology</i> , 2014, 81, 64-74.	4.1	48
61	Galantamine prevents long-lasting suppression of excitatory synaptic transmission in CA1 pyramidal neurons of soman-challenged guinea pigs. <i>NeuroToxicology</i> , 2014, 44, 270-278.	3.0	9
62	Animal Models That Best Reproduce the Clinical Manifestations of Human Intoxication with Organophosphorus Compounds. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 313-321.	2.5	90
63	The Tokyo Subway Sarin Attack. , 2015, , 27-35.		3
64	Impact of the Great East Japan Earthquake on Child's IQ. <i>Journal of Pediatrics</i> , 2015, 167, 745-751.	1.8	13
65	Prophylactic and Therapeutic Measures in Nerve Agents Poisoning. , 2015, , 989-1001.		4
66	Epidemiology of Chemical Warfare Agents. , 2015, , 47-54.		5
67	Chemical Warfare Agents and the Nervous System. , 2015, , 463-475.		2
68	Sarin (GB, O-isopropyl methylphosphonofluoridate) neurotoxicity: critical review. <i>Critical Reviews in Toxicology</i> , 2016, 46, 845-875.	3.9	76
69	Neurosteroids for the potential protection of humans against organophosphate toxicity. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 25-32.	3.8	28
71	Long-term neuropathological and behavioral impairments after exposure to nerve agents. <i>Annals of the New York Academy of Sciences</i> , 2016, 1374, 17-28.	3.8	39
72	Chemical terrorism and nerve agents. <i>Medicine</i> , 2016, 44, 106-108.	0.4	20
73	PERK signalling pathway mediates single prolonged stress-induced dysfunction of medial prefrontal cortex neurons. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 753-768.	4.9	21
74	Environmental exposure to organophosphorus nerve agents. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 163-171.	4.0	43
75	Comparing the Antiseizure and Neuroprotective Efficacy of LY293558, Diazepam, Caramiphen, and LY293558-Caramiphen Combination against Soman in a Rat Model Relevant to the Pediatric Population. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 314-326.	2.5	8

#	ARTICLE	IF	CITATIONS
76	The role of genetic background in susceptibility to chemical warfare nerve agents across rodent and non-human primate models. <i>Toxicology</i> , 2018, 393, 51-61.	4.2	3
77	Assessment of Cardiac Autonomic Function in Relation to Methylmercury Neurotoxicity. <i>Toxics</i> , 2018, 6, 38.	3.7	10
78	Novichok: a murderous nerve agent attack in the UK. <i>Clinical Toxicology</i> , 2018, 56, 1093-1097.	1.9	114
79	Differential activation of the renin-angiotensin-aldosterone-system in response to childhood and adulthood trauma. <i>Psychoneuroendocrinology</i> , 2019, 107, 232-240.	2.7	17
80	Translational research on chemical nerve agents. <i>Neurobiology of Disease</i> , 2020, 133, 104335.	4.4	36
81	Inducible nitric oxide synthase inhibitor, 1400W, mitigates DFP-induced long-term neurotoxicity in the rat model. <i>Neurobiology of Disease</i> , 2020, 133, 104443.	4.4	39
82	Magnetic resonance imaging analysis of long-term neuropathology after exposure to the nerve agent soman: correlation with histopathology and neurological dysfunction. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 116-135.	3.8	22
83	A national toxicology program systematic review of the evidence for long-term effects after acute exposure to sarin nerve agent. <i>Critical Reviews in Toxicology</i> , 2020, 50, 474-490.	3.9	25
84	Sarin attacks in Japan: acute and delayed health effects in survivors. , 2020, , 37-53.		0
85	The Tokyo subway sarin attack has long-term effects on survivors: A 10-year study started 5 years after the terrorist incident. <i>PLoS ONE</i> , 2020, 15, e0234967.	2.5	18
86	Epidemiology of chemical warfare agents. , 2020, , 67-77.		0
87	Chemical warfare agents and the nervous system. , 2020, , 481-498.		1
88	Diapocynin, an NADPH oxidase inhibitor, counteracts diisopropylfluorophosphate-induced long-term neurotoxicity in the rat model. <i>Annals of the New York Academy of Sciences</i> , 2020, 1479, 75-93.	3.8	25
89	Neuroinflammation as a Therapeutic Target for Mitigating the Long-Term Consequences of Acute Organophosphate Intoxication. <i>Frontiers in Pharmacology</i> , 2021, 12, 674325.	3.5	15
90	Toxicology of Organophosphate Nerve Agents. , 0, , 191-221.		32
91	Prophylactic and Therapeutic Measures in Nerve Agent Poisoning. , 2009, , 965-975.		1
92	Acetylcholinesterase inhibitors (nerve agents) as weapons of mass destruction: History, mechanisms of action, and medical countermeasures. <i>Neuropharmacology</i> , 2020, 181, 108298.	4.1	57
93	Cholinesterase estimations revisited: the clinical relevance. <i>European Journal of Anaesthesiology</i> , 2002, 19, 313-316.	1.7	3

#	ARTICLE	IF	CITATIONS
94	Toxicokinetics of Nerve Agents. , 2019, , 39-58.		9
95	Emergency Response to a Chemical Warfare Agent Incident: Domestic Preparedness, First Response, and Public Health Considerations. , 2000, , 417-443.		1
96	Toxicokinetics of Nerve Agents. , 2000, , .		2
97	Psychological and Physical Health Effects of the 1995 Sarin Attack in the Tokyo Subway System. , 2002, , 149-162.		4
98	Health Effects of Low-Level Exposure to Nerve Agents. , 2007, , .		0
99	Emergency Response to a Chemical Warfare Agent Incident. , 2007, , .		0
101	Possible long term effects of chemical warfare using visual evoked potentials. Iranian Journal of Medical Sciences, 2014, 39, 467-70.	0.4	0
102	Changes of attention-related brain activity over 6 months after acute organophosphate pesticide poisoning: a prospective follow-up study. Clinical Toxicology, 2022, 60, 576-584.	1.9	1
103	Symptoms of Gulf War Veterans Possibly Exposed to Organophosphate Chemical Warfare Agents at Khamisiyah, Iraq. International Journal of Occupational and Environmental Health, 2001, 7, 79-89.	1.2	21
104	Phosphoproteome reveals long-term potentiation deficit following treatment of ultra-low dose soman exposure in mice. Journal of Hazardous Materials, 2023, 459, 132211.	12.4	0
105	<b>Neuroprotectant Activity of Novel Water-Soluble Synthetic Neurosteroids on Organophosphate Intoxication and Status Epilepticus-induced Long-term Neurological Dysfunction, Neurodegeneration and Neuroinflammation</b>. Journal of Pharmacology and Experimental Therapeutics, 0, , JPET-AR-2023-001819.	2.5	3