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Effect of sildenafil (Viagra) on cerebral blood flow velocity: a pilot study

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#	Paper	IF	Citations
41	Phosphodiesterase type 5 inhibition improves early memory consolidation of object information. <i>Neurochemistry International</i> , 2004 , 45, 915-28	4.4	127
40	Effect of sildenafil and acclimatization on cerebral oxygenation at altitude. <i>Clinical Science</i> , 2005 , 109, 319-24	6.5	14
39	Phosphodiesterase 5 and effects of sildenafil on cerebral arteries of man and guinea pig. <i>European Journal of Pharmacology</i> , 2005 , 521, 105-14	5.3	22
38	Effects of sildenafil on major arterial blood flow using duplex sonography. <i>Journal of Clinical Ultrasound</i> , 2005 , 33, 173-5	1	3
37	Effects of high altitude exposure on cerebral hemodynamics in normal subjects. <i>Stroke</i> , 2005 , 36, 557-606.7		80
36	Effects of sildenafil citrate (Viagra) on renal arteries: an evaluation with Doppler ultrasound. <i>Urologia Internationalis</i> , 2006 , 77, 170-2	1.9	4
35	Stroke--an adverse reaction to sildenafil. <i>Clinical Neuropharmacology</i> , 2006 , 29, 165-7	1.4	8
34	Sildenafil: from angina to erectile dysfunction to pulmonary hypertension and beyond. <i>Nature Reviews Drug Discovery</i> , 2006 , 5, 689-702	64.1	366
33	Relaxant effect of sildenafil in the rabbit basilar artery. <i>Vascular Pharmacology</i> , 2006 , 44, 10-6	5.9	11
32	Influence of intravenous sildenafil on cerebral oxygenation measured by near-infrared spectroscopy in infants after cardiac surgery. <i>Pediatric Research</i> , 2006 , 59, 462-5	3.2	32
31	Sildenafil improves dynamic vascular function in the brain: studies in patients with pulmonary hypertension. <i>Cerebrovascular Diseases</i> , 2006 , 21, 194-200	3.2	46
30	The effects of chronic phosphodiesterase-5 inhibitor use on different organ systems. <i>International Journal of Impotence Research</i> , 2007 , 19, 139-48	2.3	45
29	PDE5 inhibitors beyond erectile dysfunction. <i>International Journal of Impotence Research</i> , 2007 , 19, 533-43		57
28	Role of K ⁺ and Ca ²⁺ fluxes in the cerebroarterial vasoactive effects of sildenafil. <i>European Journal of Pharmacology</i> , 2008 , 581, 138-47	5.3	2
27	Role of sildenafil in neurological disorders. <i>Clinical Neuropharmacology</i> , 2008 , 31, 353-62	1.4	36
26	Evaluation of the effects of sildenafil citrate (viagra) on vertebral artery blood flow in patients with vertebro-basilar insufficiency. <i>Korean Journal of Radiology</i> , 2008 , 9, 477-80	6.9	5
25	Phosphodiesterase-5 inhibitors oppose hyperoxic vasoconstriction and accelerate seizure development in rats exposed to hyperbaric oxygen. <i>Journal of Applied Physiology</i> , 2009 , 106, 1234-42	3.7	22

24	Selective phosphodiesterase inhibitors: a promising target for cognition enhancement. <i>Psychopharmacology</i> , 2009 , 202, 419-43	4.7	219
23	Cerebral haemodynamic response or excitability is not affected by sildenafil. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 830-9	7.3	22
22	The effect of sildenafil citrate (Viagra) on cerebral blood flow in patients with cerebrovascular risk factors. <i>Acta Neurologica Scandinavica</i> , 2010 , 121, 370-6	3.8	18
21	Cerebral blood flow regulation by nitric oxide in neurological disorders. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009 , 87, 581-94	2.4	69
20	A new approach to the treatment of cerebral vasospasm: the angiographic effects of tadalafil on experimental vasospasm. <i>Acta Neurochirurgica</i> , 2010 , 152, 463-9	3	7
19	The effect of sildenafil on sleep respiratory parameters and heart rate variability in obstructive sleep apnea. <i>Sleep Medicine</i> , 2010 , 11, 545-51	4.6	10
18	Effects of repeated dosing with Udenafil (Zydena) on cognition, somatization and erection in patients with erectile dysfunction: a pilot study. <i>International Journal of Impotence Research</i> , 2011 , 23, 109-14	2.3	27
17	Neuronal angiogenic effect of sildenafil citrate. <i>Human Andrology</i> , 2012 , 2, 75-77	1	1
16	Autonomic cerebral vascular response to sildenafil in diabetic patient. <i>Diabetology and Metabolic Syndrome</i> , 2012 , 4, 2	5.6	9
15	Sildenafil provides sustained neuroprotection in the absence of learning recovery following the 4-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion in middle-aged rats. <i>Brain Research Bulletin</i> , 2013 , 90, 58-65	3.9	12
14	Tadalafil significantly reduces ischemia reperfusion injury in skin island flaps. <i>Indian Journal of Plastic Surgery</i> , 2013 , 46, 75-81	0.9	14
13	Safety of sildenafil in infants*. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 362-8	3	29
12	PDE5 inhibition improves acquisition processes after learning via a central mechanism. <i>Neuropharmacology</i> , 2015 , 97, 233-9	5.5	15
11	Sildenafil Improves Vascular and Metabolic Function in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 1351-1364	4.3	27
10	Investigational phosphodiesterase inhibitors in phase I and phase II clinical trials for Alzheimer's disease. <i>Expert Opinion on Investigational Drugs</i> , 2017 , 26, 1033-1048	5.9	90
9	Effects of Sildenafil on Cerebrovascular Reactivity in Patients with Becker Muscular Dystrophy. <i>Neurotherapeutics</i> , 2017 , 14, 182-190	6.4	8
8	Phosphodiesterase inhibition and modulation of corticostriatal and hippocampal circuits: Clinical overview and translational considerations. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 87, 233-254	9	36
7	The effect of phosphodiesterase-5 inhibitors on cerebral blood flow in humans: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 189-203	7.3	9

6	The effect of sildenafil on retinal blood velocity in healthy subjects. <i>Eye and Vision (London, England)</i> , 2018 , 5, 30	4.9	1
5	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke-a pilot study. <i>Brain Communications</i> , 2020 , 2, fcaa020	4.5	2
4	Continuous reduction in cerebral oxygenation during endurance exercise in patients with pulmonary arterial hypertension. <i>Physiological Reports</i> , 2020 , 8, e14389	2.6	3
3	Development of novel phosphodiesterase 5 inhibitors for the therapy of Alzheimer's disease. <i>Biochemical Pharmacology</i> , 2020 , 176, 113818	6	24
2	The Effect of Daily Low Dose Tadalafil on Cerebral Perfusion and Cognition in Patients with Erectile Dysfunction and Mild Cognitive Impairment. <i>Clinical Psychopharmacology and Neuroscience</i> , 2019 , 17, 432-437	3.4	8
1	A pilot study to explore the effect of udenafil on cerebral hemodynamics in older adults.		0