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|  | **01. Refereed Publications for Dr Jacqueline A Pettersen** |
|  | (Last updated May 2013) |
|  | **(a) Journals** |
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| 1 | Gao FQ**\*, Pettersen JA**\*, Bocti C, Nestor SM, Kiss A, Black SE. Is encroachment of the carotid termination into the substantia innominata associated with its atrophy and cognition in Alzheimer’s disease? Neurobiology of Aging 2013 Jul;34(7):1807-14**. \*Co-1st Authors.** |
| 2 | Coutts SB, Kellway L, et al (**Pettersen JA** is one of 16 additional contributors). Canadian Best Practice Recommendations for Stroke Care (4th Edition; Update 2012): Stroke Prevention section. Published online at: www.strokebestpractices.ca. |
| 3 | Alexander LD**, Pettersen JA**, Hopyan JJ, Sahlas DJ, Black SE. Long-term prediction of functional outcome after stroke using the Alberta Stroke Program Early Computed Tomography Score in the subacute stage. J Stroke Cerebrovas Dis 2012;21(8):737-744. |
| 4 | Sharp ME, Chew JB, Heran MKS, **Pettersen JA**. Delayed restricted diffusion in carbon monoxide leukoencephalopathy. Can J Neurol Sci 2012;39(3):393-394. |
| 5 | **Pettersen JA**, Patry DG, St George-Hyslop PH, Curry B. Variant Alzheimer disease with spastic paraparesis: A rare presenilin-1 mutation. Can J Neurol Sci 2011;38(4):659-661. |
| 6 | Friedman Y, **Pettersen JA**, Aviv RA, Murray BJ. The “eye sign” in acute stroke: Not necessarily poor outcome. JNNP 2009 Mar;80(3):291. |
| 7 | **Pettersen JA**, Sathiyamoorthy G, Gao FQ, Szilagyi G, Nadkarni NK, St. George-Hyslop P, Rogaeva E, Black SE. Microbleed Topography, Leukoaraiosis, and Cognition in probable Alzheimer disease from the Sunnybrook Dementia Study. Archives of Neurology 2008;65(6):790-795. |
| 8 | **Pettersen JA**, Aviv RI, Black SE, Fox AJ, Lim A, Murray BJ. Global hemispheric CT hypoperfusion may differentiate headache with associated neurological deficits and lymphocytosis (HaNDL) from acute stroke. Stroke 2008;39(2):492-493. |
| 9 | Huynh H, Murphy B, **Pettersen JA**, Mallia G, Tu H, Sahlas DJ, Black SE, Lee T, Aviv RI. The role of CT perfusion in quantifying extent of small vessel ischemia. AJNR 2008 Nov;29(10):1831-1836. |
| 10 | **Pettersen JA**, Jones G, Worthington C, Krentz H, Keppler OT, Hoke A, Gill MJ, Power C. Sensory neuropathy in HIV/AIDS patients highly exposed to antiretroviral therapy: Protease inhibitor-mediated neurotoxicity. Annals of Neurology 2006: 59:816-824. |
| 11 | **Pettersen JA**, Pexman JHW, Barber PA, Demchuk AM, Buchan AM, Hill MD on behalf of the CASES Investigators. Insular cortical ischaemia does not independently predict acute hypertension or acute hyperglycaemia within three hours of onset. J Neurol, Neurosurg, Psych 2006;77:885-887. |
| 12 | **Pettersen JA**, Hill MD, Demchuk AM, Morrish W, Hudon ME, Hu W, Wong J, Barber PA, Buchan AM. Intra-arterial thrombolysis for retinal artery occlusion: The Calgary experience. Can J Neurol Sciences 2005;32:507-511. |
| 13 | **Pettersen JA**, Hudon ME, Hill MD. Intra-arterial thrombolysis in acute ischemic stroke: A review of pharmacologic approaches. Expert Rev Cardiovasc Ther 2004 2(2): 89-103. |
| 14 | **Pettersen JA**, Zochodne DW, Bell RB, Hill MD. Refractory neurosarcoidosis responding to infliximab: Response to Letter to the Editor. Neurology 2003 60(7): 1220-1221. |
| 15 | **Pettersen JA**, Does rugby headgear prevent concussion?: Attitudes of Canadian players and coaches. British Journal of Sports Medicine 2002; 36:19-22. |
| 16 | **Pettersen JA**, Zochodne DW, Bell RB, Martin L, Hill MD. Refractory neurosarcoidosis responding to infliximab. Neurology 2002, 59(10): 1660-1661. |
| 17 | **Pettersen JA**, Skelton RW. Glucose enhances long-term declarative memory in mildly head-injured varsity rugby players. Psychobiology 2000; 28(1): 81-89. |
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|  | **(b) Conference Proceedings** |
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|  | ***Abstracts*** |
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| 1 | **Pettersen JA**, Fontes S, Duke CL. Does vitamin D supplementation enhance cognition? Australasian Journal on Ageing 2012;31(Suppl 2): 78. |
| 2 | **Pettersen JA**, Fontes S, Duke CL. Vitamin D insufficiency and seasonal decrease: Effects on cognition. Alzheimer’s & Dementia 2012;8(4):145. |
| 3 | Boulos MI, **Pettersen JA**, Nguyen L, Jewell DR, Shammi P, Black SE, Murray BJ. Nocturnal limb movements are correlated with cerebral white matter hyperintensities and fronto-executive deficits. Sleep 2012;35(Suppl):A261. [Received the Wayne Herring Young Investigator Award and Canadian Sleep Society Student Abstract Award]. |
| 4 | Boulos MI, **Pettersen JA**, Jewell DR, Black SE, Murray BJ. Objective markers of nocturnal limb movements are correlated with cerebral white matter hyperintensities. Neurology online 2012 (http://www.abstracts2view.com/aan/view.php?nu=AAN12L\_P05\_001) [Selected for presentation at the 2012 American Academy of Neurology Annual Meeting Sleep Section Highlights session]. |
| 5 | Duke CL, Fontes S, Purnell J, **Pettersen JA**. Vitamin D insufficiency in northern BC and effects on cognition: D-COG 1st phase results. Can J Neurol Sciences 2011;38(3)(Suppl 1): S51. |
| 6 | Sharp ME, **Pettersen JA**. Prolonged restricted diffusion white matter changes in carbon monoxide delayed encephalopathy. Neurology 2011;76(9) Suppl 4:A313-4. |
| 7 | Chan PC, Navaranjan D, Philips AM, **Pettersen JA**, Ganda, A, Black SE. Serum biomarkers in white matter disease: A preliminary study. Clinical Biochemistry Journal 2011:44:1168. |
| 8 | **Pettersen JA**. Vitamin D insufficiency in northern BC and effects on cognition: D-COG 1st and 2nd phase results.Conference Proceedings form the Canadian Consortium on Dementia, Montreal 2011. |
| 9 | Sharp ME, **Pettersen JA**. Prolonged restricted diffusion white matter changes in carbon monoxide delayed encephalopathy: A case report. Canadian Journal of Neurological Sciences 2010;37(3)Suppl 1:S54. |
| 10 | **Pettersen JA**, Black SE, Naqvi S, Jin S, Murray BJ. Nocturnal limb movements are correlated with cerebral white matter disease burden. Cerebrovascular Diseases 2009;27(suppl 6):201. |
| 11 | **Pettersen JA**, Black SE, Naqvi S, Jin S, Murray BJ. Objective sleep quality and nocturnal limb movements are correlated with cerebral white matter disease burden. Can J Neurol Sciences 2008;35(2; Suppl 1):S61. |
| 12 | Ramirez J, **Pettersen JA**, Black SE. Diffusion tensor imaging of normal appearing white matter in Alzheimer’s disease and normal controls: Working memory and white matter integrity in the parietal lobes. Brain and Cognition. In Press. 2008 |
| 13 | Huynh H, Murphy B, **Pettersen JA**, Mallia G, Tu H, Sahlas DJ, Black SE, Lee T, Aviv RI. The role of CT perfusion in quantifying extent of small vessel ischemia. Stroke 2008;39(2):683. |
| 14 | Buck BH, Gladstone DJ, Mallia G, Black SE, Sahlas DJ, Hopyan J, **Pettersen JA**, Symons S, Aviv RI. Acute stroke CT perfusion imaging profiles for predicting outcome following early intravenous thrombolytic therapy. Stroke 2008;39(2):590. |
| 15 | **Pettersen JA**, Gao F-Q, Black SE. Carotid artery bifurcation tortuosity as a possible contributor to substantia innominata atrophy and executive dysfunction in Alzheimer disease. Stroke 2008;39(2): 682-683. |
| 16 | **Pettersen JA**, Sathiyamoorthy G, Gao FQ, Szilyagi G, Nadkarni NK, St. George-Hyslop P, Rogaeva, E, Black SE. Microbleed topography, leukoaraiosis, and cognition in probable Alzheimer disease from the Sunnybrook dementia study. Geriatrics Today: Canadian Journal of Geriatric Medicine & Psychiatry, Sept 2007. |
| 17 | **Pettersen JA**, Bilbao JM, Spence JD, Fox AJ, Aviv RI, Axelrod T, Black SE. Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) rapidly accelerated by hypotension post-trauma. Geriatrics Today: Canadian Journal of Geriatric Medicine & Psychiatry, Sept 2007. |
| 18 | **Pettersen JA**, Sathiyamoorthy G, Gao FQ, Szilyagi G, Nadkarni NK, Black SE. Frequency and lobar topography of cerebral microbleeds in probable Alzheimer Disease from the Sunnybrook Dementia Study. Stroke 2007:38(2);582. |
| 19 | **Pettersen JA**, O’Ferrall E, Al-Mekhlafi M, Pillay N, Zochodne DW, Hoyte K, Morrish W, Switzer N, Bell RB. Potential importance of MRI changes in diagnosing sporadic Creutzfeldt-Jakob disease: A report of two cases. Can J Neurol Sciences 2006; 33 (Suppl 1); S37. |
| 20 | **Pettersen JA**, Jones GJ, Worthington C, Krentz HB, Keppler OT, Hoke A, Gill MJ, Power C. Sensory neuropathy in HIV/AIDS patients highly exposed to antiretroviral therapy: Protease inhibitor-mediated neurotoxicity. Can J Neurol Sciences 2005; 32(Suppl 1): S5. |
| 21 | **Pettersen JA**, Pexman JHW, Barber PA, Demchuk AM, Buchan AM, Hill MD on behalf of the CASES Investigators. Insular cortical ischemia is associated with but does not predict acute hypertension and is not related to acute hyperglycemia. J of Neurol Sciences 2005; 238 (Suppl 1); 430-431. |
| 22 | **Pettersen JA**, Curry B, St. George-Hyslop PH, Patry DG. Variant Alzheimer disease with spastic paraparesis: A presenilin-1 exon 8 P264L mutation. Can J Neurol Sciences 2005; 32(Suppl 1): S57. |
| 23 | Bagshaw SM, **Pettersen JA**, Zuege DJ, Viner SM, Clark AW, Klassen B, White C. Lead neuropathy with histologic similarities to giant axonal neuropathy: A case report. Can J Neurol Sciences 2005; 32(Suppl 1): S41. |
| 24 | **Pettersen JA**, Mullins R, Demchuk A, Hill MD, Morrish W, Hudon ME, Wong J, Hu W, Buchan AM. Intra-arterial tPA for central retinal artery occlusion: The Calgary experience. Can J Neurol Sciences 2004; 31(Suppl 1): S37. |
| 25 | Klein GM, **Pettersen JA**. Successful treatment of migraine with prolonged aura: Does a label of HaNDL syndrome help? Can J Neurol Sciences 2004; 31(Suppl 1): S14. |
| 26 | **Pettersen JA**, Gil MJ, Hoke A, Power C. Sensory neuropathy among HIV/AIDS patients highly exposed to antiretroviral therapy. Can J Neurol Sciences 2004: 31 (Suppl 1): S68.2004. |
| 27 | **Pettersen JA**, Gill MJ, Hoke A, Power C. Sensory neuropathy among HIV/AIDS patients highly exposed to antiretroviral therapy: The potential roles of hepatitis B virus infection and protease inhibitors. Neurology 2004; 62(7) Suppl 5: A444-A445. |
| 28 | **Pettersen JA**. Neurologic Emergencies: A Symptom Oriented Approach [Book Review]. Can J Neurol Sciences 2004 31(2): 289. |
| 29 | **Pettersen JA**, Bell RB, Ranawaya R, Brownell AKW, White C. Lupus and Polymyositis Presenting as an Overlap Syndrome. Can J Neurol Sciences 2003; 30 (Suppl 2): S70. |
| 30 | **Pettersen JA** & Klein GM. A Rare Presentation of a Rare Disease: Neuro-Behcet’s in an African Woman. Can J Neurol Sciences 2002; 29(Suppl 1): S37-38. |
| 31 | **Pettersen JA** & Klein GM. Neurological Manifestation as the Presenting Complaint in Sarcoidosis. Can J Neurol Sciences 2002; 29(Suppl 1): S38. |
| 32 | **Pettersen JA**, Zochodne DW, Bell RB, Martin L and Hill MD. Refractory Neurosarcoidosis Responding to Infliximab. Can J Neurol Sciences 2002; 29 (Suppl 1): S57. |