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Boosalis M, Snowdon D, Tully C, Gross M: Acute phase response and plasma carotenoid concentrations in older women: Findings from the Nun Study *Nutrition* 12(7-8):475-478, 1996.

Brown JE, Tharp TM, Dahlberg-Luby EM, Snowdon DA, Ostwald SK, Buzzard IM, Rysavy DM, Aloysius MA: Videotape dietary assessment: Validity, reliability, and comparison of results with 24-hour dietary recalls from elderly women in a retirement home *Journal of the American Dietetic Association* 90:1675-1679, 1990.

Buscema M, Grossi E, Snowdon D, Antuono P, Intraligi M, Maurelli G, Savare R: Artificial neural networks and artificial organisms can predict Alzheimer pathology in individual patients only on the basis of cognitive and functional status *Neuroinformatics* 2 (4):399-416, 2004.

Butler S, Ashford J, Snowdon D: Age, education and changes in the Mini-Mental State Exam scores of older women: Findings from the Nun Study *Journal of the American Geriatrics Society* 44(6):675-681, 1996.

Butler S, Snowdon D: Trends in mortality in older women: Findings from the Nun Study *Journal of Gerontology: Social Sciences* 51B(4):S201-S208, 1996.

Danner D, Snowdon D, Friesen W: Positive emotions in early life and longevity: findings from the Nun Study *Journal of Personality and Social Psychology* 80(5):804-813, 2001.

Danner D.: Media Review: Aging with Grace: What the Nun Study teaches us about leading longer, healthier, and more meaningful lives *American Medical Writers Association Journal* 17(2):29, 2002.

Gosche K, Mortimer J, Smith C, Markesbery W, Snowdon D: Hippocampal volume as an index of Alzheimer neuropathology: findings from the Nun Study *Neurology* 58:1476-1482, 2002.

Gosche K, Mortimer J, Smith C, Markesbery W, Snowdon D: An automated technique for measuring hippocampal volumes from MR imaging studies *American Journal of Neuroradiology* 22:1686-1689, 2001.

Greiner L, Snowdon D: Underrecognition of dementia by caregivers cuts across cultures *JAMA* 277(22):1757, 1997.

Greiner P, Snowdon D, Greiner L: Self-rated function, self-rated health and postmortem evidence of brain infarcts: Findings from the Nun Study *Journal of Gerontology: Social Sciences* 54B(4):S219-S222, 1999.

Greiner P, Snowdon D, Greiner L: The relationship of self-rated function and self-rated health to concurrent functional ability, functional decline, and mortality: Findings from the Nun Study *Journal of Gerontology: Social Sciences* 51B(5):S234-S241, 1996.

Greiner P, Snowdon D, Schmitt F: The loss of independence in activities of daily living: The role of low normal cognitive function in elderly nuns *American Journal of Public Health* 86(1):62-66, 1996.

Gross M, Snowdon D: Plasma antioxidant concentrations in a population of elderly women: Findings from the Nun Study *Nutrition Research* 16(11/12):1881-1890, 1996.

Grossi E, Buscema M, Snowdon D, Antuono P: Neuropathological findings processed by artificial neural networks (ANNs) can perfectly distinguish Alzheimer's patients from controls in the Nun Study BMC Neurology, 2007;7:15;doi:10.1186/1471-2377-7-15.

Harriman LP, Snowdon DA, Messer LB, Rysavy DM, Ostwald SK, Lai C-H, Soberay AH: Temporomandibular joint dysfunction and selected health parameters in the elderly *Oral Surgery, Oral Medicine, and Oral Pathology* 70:406-413, 1990.

Kemper S, Greiner L, Marquis J, Prenovost K, Mitzner T: Language decline across the life span: findings from the Nun Study *Psychology and Aging* 16 (2):227-239, 2001.

Mitzner T, Kemper S: Oral and written language in late adulthood: Findings from the Nun Study *Experimental Aging Research* 29(4):457-474, 2003.

Mortimer J, Snowdon D, Markesbery W: Head circumference, education and risk of dementia: findings from the Nun Study *Journal of Clinical and Experimental Neuropsychology* 25 (5):671-679, 2003.

Mortimer JA, Borenstein AR, Gosche KM, Snowdon DA: Very early detection of Alzheimer neuropathology and the role of brain reserve in modifying its clinical expression *Journal of Geriatric Psychiatry and Neurology* 18:218-223, 2005.

Mortimer JA, Gosche KM, Riley KP, Markesbery WR, Snowdon DA: Delayed recall, hippocampal volume and Alzheimer neuropathology: Findings from the Nun Study *Neurology* 62:428-432, 2004.

Ostwald SK, Snowdon DA, Rysavy DM, Keenan NL, Kane RL: Manual dexterity as a correlate of dependency in the elderly *Journal of the American Geriatrics Society* 7:963-969, 1989.

Patzwald GA, Wildt CM: The use of convent archival records in medical research: The School Sisters of Notre Dame Archives and the Nun Study *American Archivist* 67(1):86-106, 2004.

Riley K, Snowdon D: The challenges and successes of aging: Findings from the Nun Study *Advances in Medical Psychotherapy & Psychodiagnosis* 10 1999-2000:1-12, 1999.

Riley K, Snowdon D, Markesbery W: Alzheimer's neurofibrillary pathology and the spectrum of cognitive function: findings from the Nun Study *Annals of Neurology* 51:567-577, 2002.

Riley K, Snowdon D, Saunders A, Roses A, Mortimer J, Nanayakkara N: Cognitive function and apolipoprotein-E in very old adults: Findings from the Nun Study *Journal of Gerontology: Social Sciences* 55B(2):S69-S75, 2000.

Riley KP, Snowdon DA, Desrosiers MF, Markesbery WR: Early life linguistic ability, late life cognitive function, and neuropathology: Findings from the Nun Study *Neurobiology of Aging* 26(3):341-347, 2005.

Salazar JC, Tyas SL, Snowdon DA, Desrosiers MF, Riley KP, Mendiondo MS, Kryscio RJ: Estimating intensity functions on multi-state Markov models with application to the Nun Study *Proceedings of the Joint Statistical Meeting, San Francisco 2003* Biometrics section:3616-3623, 2003.

Saxe S, Snowdon D, Wekstein M, Henry R, Grant F, Donegan S, Wekstein D: Dental amalgam and cognitive function in older women: Findings from the Nun Study *Journal of the American Dental Association* 126(11):1495-1501, 1995.

Saxe S, Wekstein M, Kryscio R, Henry R, Cornett C, Snowdon D, Grant F, Schmitt F, Donegan S, Wekstein D, Ehmann W, Markesbery W: Alzheimer's disease, dental amalgam and mercury *Journal of the American Dental Association* 130(2):191-199, 1999.

Smith C, Snowdon D, Markesbery W: Periventricular white matter hyperintensities on MRI: Correlation with neuropathologic findings *Journal of Neuroimaging* 10:13-16, 2000.

Smith C, Snowdon DA, Wang H, Markesbery WR: White matter volumes and periventricular white matter hyperintensities in aging and dementia *Neurology* 54(4):838-842, 2000.

Snowdon D: Healthy aging and dementia: Findings from the Nun Study *Annals of Internal Medicine* 139 (5 Part 2):450-454, 2003.

Snowdon D: Aging with grace: what the Nun Study teaches us about leading longer, healthier and more meaningful lives :, 2001.

Snowdon D: Aging and Alzheimer's disease: Lessons from the Nun Study *Gerontologist* 37(2):150-156, 1997.

Snowdon D, Greiner L, Kemper S, Nanayakkara N, Mortimer J: Linguistic ability in early life and longevity: Findings from the Nun Study *Paradoxes of Longevity*:103-113, 1999.

Snowdon D, Greiner L, Markesbery W: Linguistic ability in early life and the neuropathology of Alzheimer's disease and cerebrovascular disease: Findings from the Nun Study *Vascular factors in Alzheimer's disease* Volume 903:34-38, 2000.

Snowdon D, Greiner L, Mortimer J, Riley K, Greiner P, Markesbery W: Brain infarction and the clinical expression of Alzheimer disease: The Nun Study *JAMA* 277(10):813-817, 1997.

Snowdon D, Greiner L, Riley K, Markesbery W, Greiner P, Mortimer J: Brain infarction and the clinical expression of Alzheimer disease *JAMA* 278(2):113, 1997.

Snowdon D, Greiner L, Wekstein D, Danner D, Markesbery W, Kemper S, Mortimer J: Linguistic ability in early life and Alzheimer disease in late life *JAMA* 275(24):1879, 1996.

Snowdon D, Gross M, Butler S: Antioxidants and reduced functional capacity in the elderly: Findings from the Nun Study *Journal of Gerontology: Medical Sciences* 51A(1):M10-M16, 1996.

Snowdon D, Kemper S, Mortimer J, Greiner L, Wekstein D, Markesbery W: Linguistic ability in early life and cognitive function and Alzheimer's disease in late life: Findings from the Nun Study *JAMA* 275(7):528-532, 1996.

Snowdon D, Markesbery W: The prevalence of neuropathologically confirmed vascular dementia: Findings from the Nun Study *1st International Congress on Vascular Dementia*:19-24, 1999.

Snowdon D, Riley K: Professor Snowdon replies: Gerontologist 38:5-6, 1998.

Snowdon D, Tully C, Smith C, Riley K, Markesbery W: Serum folate and the severity of atrophy of the neocortex in Alzheimer disease: findings from the Nun Study *American Journal of Clinical Nutrition* 71(4):993-998, 2000.

Snowdon DA, Gonzalez N, O'Leary BM, Ostwald SK: Making mammography a habit *JAMA* 262:207, 1989.

Snowdon DA, Ostwald SK, Kane RL: Education, survival, and independence in elderly Catholic sisters *American Journal of Epidemiology* 130:999-1012, 1989.

Snowdon DA, Ostwald SK, Kane RL, Keenan NL: Years of life with good and poor mental and physical function in the elderly *Journal of Clinical Epidemiology* 42:1055-1066, 1989.

Stein P, Desrosiers M, Donegan SJ, Yeppes J, Kryscio R: Tooth loss, dementia and neuropathology in the Nun Study *J Am Dent Assoc*, 138(10): 1314-1322, 2007.

Tekirian T, ..., Snowdon D, ..., Geddes J: Carboxy terminal of B-amyloid deposits in aged human, canine, and polar bear brains *Neurobiology of Aging* 7:249-257, 1996.

Tully C, Snowdon D: Weight change and physical function in elderly women: Findings from the Nun Study *Journal of the American Geriatrics Society* 43(12):1394-1397, 1995.

Tully C, Snowdon D, Belcher J: Serum zinc and plasma lipoproteins in elderly women: Findings from the Nun Study *Trace Elements in Experimental Medicine* 8(4):201-209, 1995.

Tully C, Snowdon D, Markesbery W: Serum zinc, senile plaques and neurofibrillary tangles: Findings from the Nun Study *NeuroReport* 6:2105-2108, 1995.

Tyas SL, Salazar JC, Snowdon DA, Desrosiers MF, Riley KP, Mendiondo MS, Kryscio RJ: Transitions to mild cognitive impairments, dementia, and death: Findings from the Nun Study *American Journal of Epidemiology* 165(11):1231-1238, 2007.

Tyas S, Snowdon D, Desrosiers M, Riley K, Markesbery W: Healthy ageing in the Nun Study: Definition and neuropathologic correlates Age and Ageing, 2007; doi:10.1093/ageing/afm120.

Wolf D, Gearing M, Snowdon D, Mori H, Markesbery W, Mirra S: Progression of regional neuropathology in Alzheimer disease and normal elderly: Findings from the Nun Study *Alzheimer Disease and Associated Disorders* 13(4):226-231, 1999.