

Publications Rotterdam Study, 1991-2003

2003

Beiderbeck-Noll AB, Sturkenboom MC, van der Linden PD, Herings RM, Hofman A, Coebergh JW, Leufkens HG, Stricker BH. Verapamil is associated with an increased risk of cancer in the elderly: the Rotterdam Study. *Eur J Cancer* 2003;39:98-105.

Bergink AP, van Meurs JB, Loughlin J, Arp PP, Fang Y, Hofman A, Van Leeuwen JPTM, van Duijn CM, Uitterlinden AG, Pols HAP. Estrogen receptor alpha gene haplotype is associated with radiographic osteoarthritis of the knee in elderly men and women. *Arthritis Rheum* 2003;48:1913-22.

Bergink AP, van der Klift M, Hofman A, Verhaar JA, van Leeuwen JP, Uitterlinden AG, Pols HA. Osteoarthritis of the knee is associated with vertebral and nonvertebral fractures in the elderly: the Rotterdam Study. *Arthritis Rheum* 2003;49:648-57.

Borger PH, van Leeuwen R, Hulsman CA, Wolfs RC, van der Kuip DA, Hofman A, de Jong PT. Is there a direct association between age-related eye diseases and mortality? The Rotterdam Study. *Ophthalmology* 2003;110:1292-6.

Bosma PJ, Van der Meer IM, Bakker CT, Hofman A, Paul-Abrahamse M, Witteman JC. UGT1A1*28 allele and coronary heart disease: the Rotterdam Study. *Clin Chem* 2003;49:1180-1.

Colin EM, Uitterlinden AG, Meurs JB, Bergink AP, van de Klift M, Fang Y, Arp PP, Hofman A, van Leeuwen JP, Pols HA. Interaction between vitamin D receptor genotype and estrogen receptor alpha genotype influences vertebral fracture risk. *J Clin Endocrinol Metab* 2003;88:3777-84.

Conway DS, Heeringa J, van der Kuip DA, Chin BS, Hofman A, Witteman JC, Lip GY. Atrial fibrillation and the prothrombotic state in the elderly: the Rotterdam Study. *Stroke* 2003;34:413-7.

Dekker MC, Giesbergen PC, Njajou OT, van Swieten JC, Hofman A, Breteler MM, van Duijn CM. Mutations in the hemochromatosis gene (HFE), Parkinson's disease and Parkinsonism. *Neurosci Lett* 2003;348:117-9.

Fang Y, van Meurs JB, Bergink AP, Hofman A, van Duijn CM, van Leeuwen JP, Pols HA, Uitterlinden AG. Cdx-2 polymorphism in the promoter region of the human vitamin D receptor gene determines susceptibility to fracture in the elderly. *J Bone Miner Res* 2003;18:1632-41.

Geerlings MI, Launer LJ, de Jong FH, Ruitenberg A, Stijnen T, van Swieten JC, Hofman A, Witteman JC, Pols HA, Breteler MM. Endogenous estradiol and risk of dementia in women and men: the Rotterdam Study. *Ann Neurol* 2003;53:607-15.

Heijer T den, Vermeer SE, Dijk EJ van, Prins ND, Koudstaal PJ, Hofman A, Breteler MM. Type 2 diabetes and atrophy of medial temporal lobe structures on brain MRI. *Diabetologia* 2003;46:1604-10.

Heijer T den, Vermeer SE, Clarke R, Oudkerk M, Koudstaal PJ, Hofman A, Breteler MM. Homocysteine and brain atrophy on MRI of non-demented elderly. *Brain* 2003;126:170-5.

Heijer T den, Skoog I, Oudkerk M, de Leeuwe FE, de Groot JC, Hofman A, Breteler MM. Association between blood pressure levels over time and brain atrophy in the elderly. *Neurobiol Aging* 2003;24:307-13.

Heijer T den, Geerlings MI, Hofman A, Jong FH de, Launer LJ, Pols HA, Breteler MM. Higher estrogen levels are not associated with larger hippocampi and better memory performance.

Arch Neurol 2003;60:213-20.

Hollander M, Koudstaal PJ, Bots ML, Grobbee DE, Hofman A, Breteler MM. Incidence, risk, and case fatality of first ever stroke in the elderly population. The Rotterdam Study. J Neurol Neurosurg Psychiatry 2003;74:317-21.

Hollander M, Hak AE, Koudstaal PJ, Bots ML, Grobbee DE, Hofman A, Witteman JC, Breteler MM. Comparison between measures of atherosclerosis and risk of stroke: the Rotterdam Study. Stroke 2003;34:2367-72.

Ikram MK, van Leeuwen R, Vingerling JR, Hofman A, de Jong PT. Relationship between refraction and prevalent as well as incident age-related maculopathy: the Rotterdam Study. Invest Ophthalmol Vis Sci 2003;44:3778-82.

Kardys I, Kors JA, Van der Meer IM, Hofman A, Van der Kuip DAM, Witteman JCM. Spatial QRS-T angle predicts cardiac death in a general population. Eur Heart J 2003;24:1357-64.

Kliff M van der, Laet CE, Coebergh JW, Hofman A, Pols HA. Bone mineral density and the risk of breast cancer: the Rotterdam Study. Bone 2003;32:211-6.

Leeuwen R van, Ikram MK, Vingerling JR, Witteman JC, Hofman A, de Jong PT. Blood pressure, atherosclerosis, and the incidence of age-related maculopathy: the Rotterdam Study. Invest Ophthalmol Vis Sci 2003;44:3771-7.

Leeuwen R van, Vingerling JR, Hofman A, de Jong PT, Stricker BH. Cholesterol lowering drugs and risk of age related maculopathy: prospective cohort study with cumulative exposure measurement. BMJ 2003;326:255-6.

Leeuwen R van, Klaver CCW, Vingerling R, Hofman A, de Jong PTVM. The risk and natural course of age-related maculopathy. Follow-up study at 6½ years in the Rotterdam Study. Arch Ophthalmol 2003;121:519-26.

Maitland-van der Zee AH, Klungel OH, Stricker BH, van der Kuip DA, Hofman A, Leufkens HG, de Boer A. Repeated nitrate prescriptions as a potential marker for angina pectoris. A comparison with medical information from the Rotterdam Study. Pharm World Sci 2003;25:70-2.

Maitland-van der Zee AH, Stricker BH, Klungel OH, Mantel-Teeuwisse AK, Kastelein JJ, Hofman A, Leufkens HG, van Duijn CM, de Boer A. Adherence to and dosing of beta-hydroxy-beta-methyl coenzyme A reductase inhibitors in the general population differs according to apolipoprotein E-genotypes. Pharmacogenetics 2003;13:219-23.

Meer IM van der, de Maat MP, Kiliaan AJ, van der Kuip DA, Hofman A, Witteman JC. The value of C-reactive protein in cardiovascular risk prediction: the Rotterdam Study. Arch Intern Med 2003;163:1323-8.

Meer IM van der, Iglesias del Sol A, Hak AE, Bots ML, Hofman A, Witteman JC. Risk factors for progression of extracoronary atherosclerosis measured at multiple sites in the arterial tree. The Rotterdam Study. Stroke 2003; 34:2374-9.

Meurs JB van, Schuit SC, Weel AE, van der Kliff M, Bergink AP, Arp PP, Colin EM, Fang Y, Hofman A, van Duijn CM, van Leeuwen JP, Pols HA, Uitterlinden AG. Association of 5' estrogen receptor alpha gene polymorphisms with bone mineral density, vertebral bone area and fracture risk. Hum Mol Genet 2003;12:1745-54.

Njajou OT, Houwing-Duistermaat JJ, Osborne JH, Vaessen N, Vergeer J, Heeringa J, Pols HA, Hofman A, van Duijn CM. A population-based study of the effect of the HFE C28Y and H63D mutations on iron metabolism. Eur J Hum Genet 2003;11:225-31.

Rietveld I, Janssen JA, Hofman A, Pols HA, van Duijn CM, Lamberts SW. A polymorphism in the IGF-I gene influences the age-related decline in circulating total IGF-I levels. *Eur J Endocrinol* 2003; 148:171-5.

Rivadeneira F, Houwing-Duistermaat JJ, Vaessen N, Vergeer-Drop JM, Hofman A, Pols HA, Duijn van CM, Uitterlinden AG. Association between an insulin-like growth factor I gene promoter polymorphism and bone mineral density in the elderly: the Rotterdam Study. *J Clin Endocrinol Metab* 2003;88:3878-84.

Schoofs MW, van der Klift M, Hofman A, de Laet CE, Herings RM, Stijnen T, Pols HA, Stricker BH. Thiazide diuretics and the risk for hip fracture. *Ann Intern Med* 2003;139:476-82.

Schut AF, Janssen JA, Deinum J, Vergeer JM, Hofman A, Lamberts SW, Oostra BA, Pols HA, Witteman JC, van Duijn CM. Polymorphism in the promoter region of the insulin-like growth factor I gene is related to carotid intima-media thickness and aortic pulse wave velocity in subjects with hypertension. *Stroke* 2003;34:1623-7.

Sijens PE, Heijer T, Origgi D, Vermeer SE, Breteler MM, Hofman A, Oudkerk M. Brain changes with aging: MR spectroscopy at supraventricular plane shows differences between women and men. *Radiology* 2003;226:889-96.

Tiemeier H, Breteler MM, van Popele NM, Hofman A, Witteman JC. Late-life depression is associated with arterial stiffness: a population-based study. *J Am Geriatr Soc* 2003;51:1105-10.

Tiemeier H, van Tuijl HR, Hofman A, Kiliaan AJ, Breteler MM. Plasma fatty acid composition and depression are associated in the elderly: the Rotterdam Study. *Am J Clin Nutr* 2003;78:40-6.

Tiemeier H, Hofman A, Van Tuijl HR, Kiliaan AJ, Meijer J, Breteler MM. Inflammatory proteins and depression in the elderly. *Epidemiology* 2003;14:103-7.

Vermeer SE, Prins ND, den Heijer T, Hofman A, Koudstaal PJ, Breteler MMB. Silent brain infarcts and the risk of dementia and cognitive decline. *N Engl J Med* 2003;348:1215-22.

Vermeer SE, Den Heijer T, Koudstaal PJ, Oudkerk M, Hofman A, Breteler MM. Incidence and risk factors of silent brain infarcts in the population-based Rotterdam Scan Study. *Stroke* 2003;34:392-6.

Vermeer SE, Hollander M, van Dijk EJ, Hofman A, Koudstaal PJ, Breteler MM; Rotterdam Scan Study. Silent brain infarcts and white matter lesions increase stroke risk in the general population: the Rotterdam Scan Study. *Stroke* 2003;34:1126-9.

Vliegenthart R, Song B, Hofman A, Witteman JC, Oudkerk M. Coronary calcification at electron-beam CT: effect of section thickness on calcium scoring in vitro and in vivo *Radiology* 2003;229:520-5.

Voko Z, Hollander M, Hofman A, Koudstaal PJ, Breteler MM. Dietary antioxidants and the risk of ischemic stroke: The Rotterdam Study. *Neurology*. 2003;61:1273-5.

2002

Crabtree NJ, Kroger H, Martin A, Pols HA, Lorenc R, Nijs J, Stepan FJ, Falch JA, Miazgowski T, Grazio S, Raptou P, Adams J, Collings A, Khaw KT, Rushton N, Lunt M, Dixon AK, Reeve J. Improving risk assessment: hip geometry, bone mineral distribution and bone strength in hip fracture cases and controls. The EPOS study. *European Prospective Osteoporosis Study. Osteoporos Int* 2002;13:48-54.

Dijk EJ van, Prins ND, Vermeer SE, Koudstaal PJ, Breteler MMB. Frequency of white matter lesions and silent lacunar infarcts. *J Neural Transm Suppl* 2002;62:25-39.

Engelhart MJ, Geerlings MI, Ruitenberg A, Swieten JC van, Hofman A, Witteman JCM, Breteler MMB. Diet and risk of dementia: does fat matter? *Neurology* 2002;59:1915-21.

Engelhart MJ, Geerlings MI, Ruitenberg A, Swieten JC van, Hofman A, Witteman JCM, Breteler MMB. Dietary intake of antioxidants and risk of Alzheimer's disease: The Rotterdam Study. *JAMA* 2002;287:3223-9.

Geleijnse JM, Launer LJ, Kuip DA van der, Hofman A, Witteman JCM. Inverse association of tea and flavenoid intakes with incident myocardial infarction: The Rotterdam Study. *Am J Clin Nutr* 2002;75:880-6.

Groot JC de, Leeuw FE de, Oudkerk M, Gijn J van, Hofman A, Jolles J, Breteler MMB. Periventricular cerebral white matter lesions predict rate of cognitive decline. *Ann Neurol* 2002;52:335-41.

Hackert VH, Heijer T den, Oudkerk M, Koudstaal PJ, Hofman A, Breteler MMB. Hippocampal head size associated with verbal memory performance in non-demented elderly. *Neuroimage* 2002;17:1365-72.

Hak AE, Witteman JC, Jong FH de, Geerlings MI, Hofman A, Pols HA. Low levels of endogenous androgens increase the risk of atherosclerosis in elderly men: The Rotterdam Study. *J Clin Endocrinol Metab* 2002;87:3632-9.

Heijer T den, Oudkerk M, Launer LJ, Duijn CM van, Hofman A, Breteler MMB. Hippocampal, amygdalar, and global brain atrophy in different apolipoprotein E genotypes. *Neurology* 2002;59:746-8.

Heijer T den, Vermeer SE, Clarke R, Oudkerk M, Koudstaal PJ, Hofman A, Breteler MMB. Homocysteine and brain atrophy on MRI of non-demented elderly. *Brain* 2002;126(Pt1):170-5.

Hollander M, Bots ML, Iglesias del Sol A, Koudstaal PJ, Witteman JCM, Grobbee DE, Hofman A, Breteler MMB. Carotid plaques increase the risk of stroke and subtypes of cerebral infarction in asymptomatic elderly: The Rotterdam Study. *Circulation* 2002;105:2872-7.

Hulsman CAA, Jong PTVM de, Letting M, Duijn CM van, Hofman A, Bergen AAB. Myocilin mutations in a population-based sample of cases with open-angle glaucoma: The Rotterdam Study. *Graefes Arch Clin Exp Ophthalmol* 2002;240:468-72.

Hulsman CA, Houwing-Duistermaat JJ, Duijn CM van, Wolfs R, Borger PH, Hofman A, Jong PT de. Family score as an indicator of genetic risk of primary open-angle glaucoma. *Arch Ophthalmol* 2002;120:1726-31.

Iglesias del Sol A, Bots ML, Grobbee DE, Hofman A, Witteman JCM. Carotid intima-media thickness at different sites: relation to incident myocardial infarction. *Eur Heart J* 2002;23:934-40.

Ikrum MK, Borger PH, Assink JJ, Jonas JB, Hofman A, Jong PT de. Comparing ophthalmoscopy, slide viewing, and semiautomated systems in optic disc morphometry. *Ophthalmology* 2002;109:486-93.

Ismail AA, Pye SR, Cockerill WC, Lunt M, Silman AJ, Reeve J, Banzer D, Benevolenskaya LI, Bhalla A, Bruges Armas J, Cannata JB, Cooper C, Delmas PD, Dequeker J, Dilsen G, Falch JA, Felsch B, Felsenberg D, Finn JD, Gennari C, Hozzowski K, Jajic I, Janott J, Johnell O, Kanis JA, Kragl G, Lopez Vaz A, Lorenc R, Lyritis G, Marchand F, Masaryk P, Matthis C, Miazgowksi T, Naves-Diaz M, Pols HAP, Poor G, Rapado A, Raspe HH, Reid DM, Reisinger

W, Scheidt-Nave C, Stepan J, Todd C, Weber K, Woolf AD, O'Neill TW. Incidence of limb fracture across Europe: results from the European Prospective Osteoporosis Study (EPOS). *Osteoporos Int* 2002;13:565-71.

Kliff M van der, Pols HA, Geleijnse JM, Kuiper DA van der, Hofman A, De Laet CE. Bone mineral density and mortality in elderly men and women: The Rotterdam Study. *Bone* 2002;30:643-8.

Kliff M van der, Pols HA, Hak AE, Witteman JC, Hofman A, Laet CE de. Bone mineral density and the risk of peripheral arterial disease: The Rotterdam Study. *Calcif Tissue Int* 2002;70:443-9.

Kliff M van der, Laet CE de, McCloskey EV, Hofman A, Pols HAP. The incidence of vertebral fractures in men and women: the Rotterdam Study. *J Bone Miner Res* 2002;17:1051-6.

Laet CE de, Kliff M van der, Hofman A, Pols HA. Osteoporosis in men and women: a story about bone mineral density threshold and hip fracture risk. *J Bone Miner Res* 2002;17:2231-6.

Leeuw FE de, Groot CE de, Oudkerk M, Witteman JC, Hofman A, Gijn J van, Breteler MMB. Hypertension and cerebral white matter lesions in a prospective cohort study. *Brain* 2002;125:765-72.

Maitland-van der Zee AH, Stricker BH, Klungel OH, Kastelein JJ, Hofman A, Witteman JC, Breteler MM, Leufkens HG, Duijn CM van, Boer A de. The effectiveness of hydroxy-methylglutaryl coenzyme A reductase inhibitor (statins) in the elderly is not influenced by apolipoprotein E genotype. *Pharmacogenetics* 2002;12:647-53.

Meer IM van der, Maat MP de, Hak AE, Kiliaan AJ, Iglesias del Sol A, Kuip DA van der, Nijhuis RL, Hofman A, Witteman JCM. C-reactive protein predicts progression of atherosclerosis measured at various sites in the arterial tree: The Rotterdam Study. *Stroke* 2002;33:2750-5.

Meer IM van der, Maat IP de, Bots ML, Breteler MM, Meijer J, Kiliaan AJ, Hofman A, Witteman JCM. Inflammatory mediators and cell adhesion molecules as indicators of severity of atherosclerosis: the Rotterdam Study. *Arterioscler Thromb Vasc Biol* 2002;22:838-42.

Meer IM van der, Witteman JCM. Apolipoprotein E genotype, smoking and cardiovascular disease. *J Hypertens* 2002;20:2327-9.

Njajou OT, Hollander M, Koudstaal PJ, Hofman A, Witteman JCM, Breteler MMB, Duijn CM van. Mutations in the hemochromatosis gene (HFE) and stroke. *Stroke* 2002;33:2363-6.

Njajou OT, Alizadeh BZ, Vaessen N, Vergeer J, Houwing-Duistermaat J, Hofman A, Pols HA, Duijn CM van. The role of hemochromatosis C282Y and H63D gene mutations in type 2 diabetes: findings from the Rotterdam Study and meta-analysis. *Diabetes Care* 2002;25:2112-3.

Oei HH, Vliegenthart R, Hak AE, Iglesias del Sol A, Hofman A, Oudkerk M, Witteman JCM. The association between coronary calcification assessed by electron beam computed tomography and measures of extracoronary atherosclerosis. The Rotterdam coronary calcification study. *J Am Coll Cardiol* 2002;39:1745-51.

Penning-van Beest FJ, Gomez Garcia EB, Meer FJ van der, Meegen E van, Rosendaal FR, Stricker BHCh. Levels of vitamin K-dependent procoagulant and anticoagulant proteins in over-anticoagulated patients. *Blood Coagul Fibrinolysis* 2002;13:733-9.

Prins ND, Heijer T den, Hofman A, Koudstaal PJ, Jolles J, Clarke R, Breteler MMB. Homocysteine and cognitive function in the elderly: The Rotterdam Scan Study. *Neurology* 2002;59:1375-80.

Roks G, Cruys M, Houwing-Duistermaat JJ, Dermaut B, Serneels B, Havekes LM, Hofman A, Breteler MM, Broeckhoven C van, Duijn CM van. Effect of the APOE-491A/T promotor polymorphism on apolipoprotein E levels and risk of Alzheimer disease: The Rotterdam Study. *Am J Med Genet* 2002;114:570-3.

Ruitenbergh A, Swieten JC van, Witteman JC, Mehta KM, Duijn CM van, Hofman A, Breteler MMB. Alcohol consumption and risk of dementia: The Rotterdam Study. *Lancet* 2002;359:281-6.

Schmidt S, Klaver C, Saunders A, Postel E, De La Paz M, Agarwal A, Small K, Udar N, Ong J, Chalukya M, Nesburn A, Kenney C, Domurath R, Hogan M, Mah T, Conley Y, Ferrell R, Weeks D, Jong P de, Duijn CM van, Haines J, Pericak-Vance M, Gorin M. A pooled case-control study of the apolipoprotein E (APOE) gene in age-related maculopathy. *Ophthalmic Genet* 2002;23:209-23.

Stricker BHCh, Hofman A, Breteler MMB. Re: Nonsteroidal drugs and Alzheimer's disease. *N Engl J Med* 2002;346:1172-3.

The Homocysteine Studies Collaboration. Homocysteine and risk of ischemic heart disease and stroke. A meta-analysis. *JAMA* 2002;288:2015-23.

Tiemeier H, Tuijl HR van, Hofman A, Meijer J, Kiliaan AJ, Breteler MMB. Vitamin B12, folate, and homocysteine in depression: The Rotterdam Study. *Am J Psychiatry* 2002;159:2099-101.

Tiemeier H, Hofman A, Kiliaan AJ, Meijer J, Breteler MMB. Vitamin E and depressive symptoms are not related. The Rotterdam Study. *J Affect Disord* 2002;72:79-83.

Tiemeier H, Bakker SLM, Hofman A, Koudstaal PJ, Breteler MMB. Cerebral hemodynamics and depression in the elderly. *J Neurol Neurosurg Psych* 2002;73:34-9.

Vaessen N, Janssen JA, Heutink P, Hofman A, Lamberts SW, Oostra BA, Pols HA, Duijn CM van. Association between genetic variation in the gene for insulin-like growth factor-I and low birth weight. *Lancet* 2002;359:1036-7.

Vaessen N, Janssen J, Pols H, Oostra BA, Duijn CM van. Re: Insulin-like growth factor-I genotype and birthweight. *Lancet* 2002;360:946.

Vermeer SE, Dijk EJ van, Koudstaal PJ, Oudkerk M, Hofman A, Clarke R, Breteler MMB. Homocysteine, silent brain infarcts, and white matter lesions: The Rotterdam Scan Study. *Ann Neurol* 2002;51:285-9.

Vermeer SE, Koudstaal PJ, Oudkerk M, Hofman A, Breteler MMB. Prevalence and risk factors of silent brain infarcts in the population-based Rotterdam Scan Study. *Stroke* 2002;33:21-5.

Visser LE, Penning-van Beest FJA, Kasbergen AAH, De Smet PAGM, Vulto AG, Hofman A, Stricker BHCh. Overanticoagulation associated with combined use of antifungal agents and coumarin anticoagulants. *Clin Pharmacol Ther* 2002;71:496-502.

Visser LE, Penning-van Beest FJA, Kasbergen AAH, De Smet PAGM, Vulto AG, Hofman A, Stricker BHCh. Overanticoagulation associated with combined use of antibacterial agents and acenocoumarol or phenprocoumon anticoagulants. *Thromb Haemost* 2002;88:705-10.

Vliegenthart R, Geleijnse JM, Hofman A, Meijer WT, Rooij FJ van, Grobbee DE, Witteman JCM. Alcohol consumption and risk of peripheral arterial disease: The Rotterdam Study. *Am J Epidemiol* 2002;155:332-8.

Vliegenthart R, Hollander M, Breteler MMB, Kuip DA van der, Hofman A, Oudkerk M, Witteman JCM. Stroke is associated with coronary calcification as detected by electron-beam

CT: The Rotterdam Coronary Calcification Study. *Stroke* 2002;33:462-5.

Vliegenthart R, Oudkerk M, Song B, Kuip DA van der, Hofman A, Witteman JCM. Coronary calcification detected by electron-beam computed tomography and myocardial infarction. The Rotterdam Coronary Calcification Study. *Eur Heart J* 2002;23:1596-1603.

2001

Bom van der JC, Bots ML, Haverkate F, Meijer P, Hofman A, Kluit C, Grobbee DE. Activation products of the haemostatic system in coronary, cerebrovascular and peripheral arterial disease. *Thromb Haemost* 2001;85:234-9.

Geerlings MI, Ruitenberg A, Witteman JCM, Swieten JC van, Hofman A, Duijn CM van, Breteler MMB, Launer LJ. Reproductive Period and Risk of Dementia in Postmenopausal Women. *JAMA* 2001;285:1475-81.

Groot JC de, Leeuw F-E de, Oudkerk M, Hofman A, Jolles J, Breteler MMB. Cerebral white matter lesions and subjective cognitive dysfunction. The Rotterdam Scan Study. *Neurology* 2001;56:1539-45.

Hak AE, Pols HA, Stehouwer CD, Meijer J, Kiliaan AJ, Hofman A, Breteler MM, Witteman JC. Markers of inflammation and cellular adhesion molecules in relation to insulin resistance in nondiabetic elderly: the Rotterdam study. *J Clin Endocrinol Metab* 2001 Sep;86(9):4398-405.

Harhangi BS, Oostra BA, Heutink P, Duijn CM van, Hofman A, Breteler MMB. CYP2D6 polymorphism in Parkinson's disease: The Rotterdam Study. *Mov Disord* 2001;16:290-3.

Heijer T den, Launer LJ, Groot JC de, Leeuw FE de, Oudkerk M, Gijn J van, Hofman A, Breteler MMB. Serum Carotenoids and Cerebral White Matter Lesions: The Rotterdam Scan Study. *JAGS* 2001;49:642-6.

Hulsman CA, Westendorp IC, Ramrattan RS, Wolfs RC, Witteman JCM, Vingerling JR, Hofman A, Jong PTVM de. Is open-angle glaucoma associated with early menopause? The Rotterdam Study. *Am J Epidemiol* 2001;154:138-44.

Humphries KH, Westendorp ICD, Bots ML, Spinelli JJ, Carere RG, Hofman A, Witteman JCM. Parity and carotid artery atherosclerosis in elderly women. The Rotterdam Study. *Stroke* 2001;32:2259-64.

Iglesias de Sol A, Moons KGM, Hollander M, Hofman A, Koudstaal PJ, Grobbee DE, Breteler MMB, Witteman JCM, Bots ML. Is carotid intima-media thickness useful in cardiovascular disease risk assessment? The Rotterdam Study. *Stroke* 2001;32:1532-8.

Ismail AA, Cockerill W, Cooper C, Finn JD, Abendroth K, Parisi G, Banzer D, Benevolenskaya LI, Bhalla AK, Armas JB, Cannata JB, Delmas PD, Dequeker J, Dilsen G, Eastell R, Ershova O, Falch JA, Felsch B, Havelka S, Hozzowski K, Jajic I, Kragl U, Johnell O, Lopez Vaz A, Lorenc R, Yriti GL, Marchand F, Masary P, Matthis C, Miazgowski T, Pols HA, Poor G, Rapado A, Raspe HH, Reid DM, Reisinger W, Janott J, Scheidt-Nave C, Stepan J, Todd C, Weber K, Woolf AD, Ambrecht G, Gowin W, Felsenberg D, Lunt M, Kanis JA, Reeve J, Silman AJ, O'Neill TW. Prevalent vertebral deformity predicts incident hip though not distal forearm fracture: results from the European Prospective Osteoporosis Study. *Osteoporos Int* 2001;12:85-90.

Klaver CCW, Assink JJM, Leeuwen R van, Wolfs RCW, Vingerling JR, Stijnen Th, Hofman A, Jong PTVM de. Incidence and Progression rates of Age-related Maculopathy. The Rotterdam Study. *Invest Ophth Vis Sci* 2001;42:2237-41.

Klipstein-Grobusch K, Breeijen JH den, Goldbohm RA, Hofman A, Jong PTVM de, Pols HAP, Grobbee DE, Witteman JCM. Dietary antioxidants and peripheral arterial disease: The Rotterdam Study. *Am J Epidemiol* 2001;154:145-9.

Klungel OH, Stricker BHCh, Breteler MMB, Seidell JC, Psaty BM, Boer A de. Is drug treatment of hypertension in clinical practice as effective as in randomized controlled trials with regard to the introduction of the incidence of stroke? *Epidemiology* 2001;11:339-44.

Leeuw FE de, Groot JC de, Achten E, Oudkerk M, Ramos LMP, Heijboer R, Hofman A, Jolles J, Gijn J van, Breteler MMB. Prevalence of cerebral white matter lesions in elderly people: a population based magnetic resonance imaging study. The Rotterdam Scan Study. *J Neurol Neurosurg Psychiatry* 2001;70:9-14.

Leeuwen R van, Vingerling JR, Jong PTVM de. Re: Risk of macular degeneration with statin use should be interpreted with caution. *BMJ* 2001;323:1308.

McDonnell J, Redekop WK, Roer N van der, Goes E, Ruitenberg A, Busschbach JJV, Breteler MMB. The cost of treatment of Alzheimer's disease in the Netherlands. A regression-based simulation model. *Pharmacoeconomics* 2001;19:379-90

Mosterd A, Cost B, Hoes AW, de Bruijne MC, Deckers JW, Hofman A, Grobbee DE. The prognosis of heart failure in the general population. The Rotterdam Study. *Eur Heart J* 2001;22:1318-27.

Popele NM van, Grobbee DE, Bots ML, Asmar R, Topouchian J, Reneman RS, Hoeks APG, Kuip DAM van der, Hofman A, Witteman JCM. Association between arterial stiffness and atherosclerosis. The Rotterdam Study. *Stroke* 2001;32:454-60.

Ramrattan RS, Wolfs RCW, Panda-Jonas S, Jonas JB, Bakker D, Pols HAP, Hofman A, Jong PTVM de. Visual field loss in the elderly: Prevalence, cause and associations with impairment in daily functioning. The Rotterdam Study. *Arch Ophthalmol* 2001;119:1788-94.

Ruitenberg A, Skoog I, Ott A, Aevansson O, Witteman JCM, Lernfelt B, Harskamp F van, Hofman A, Breteler MMB. Blood Pressure and Risk of Dementia: Results from the Rotterdam Study and the Gothenburg H-70 Study. *Dement Geriatr Cogn Disord* 2001;12:33-9.

Ruitenberg A, Ott A, Swieten JC van, Hofman A, Breteler MMB. Incidence of dementia: does gender make a difference? *Neurobiol Aging* 2001;22:575-80.

Ruitenberg A, Kalmijn S, Ridder MAJ de, Redekop WK, Harskamp F van, Hofman A, Launer LJ, Breteler MMB. Prognosis of Alzheimer's disease. The Rotterdam Study. *Neuroepidemiology* 2001;20:188-95.

Salas M, Veld BA in 't, Linden PD van der, Hofman A, Breteler MMB, Stricker BHCh. Impaired cognitive function has a negative effect on compliance with antihypertensive treatment in single-living elderly patients. *Clin Pharmacol Ther* 2001;70:561-6.

Sijens PE, Heijer T den, Leeuw F-E de, Groot JC de, Achten E, Heijboer RJJ, Hofman A, Breteler MMB, Oudkerk M. Human brain chemical shift imaging at age 60-90: an analysis of the causes of the observed sex differences in brain metabolites. *Invest Radiol* 2001;36:597-603.

Sijens PE, Heijer T den, Leeuw FE de, Groot JC de, Achten E, Heijboer RJJ, Hofman A, Breteler MMB, Oudkerk M. MR spectroscopy detection of lactate and lipid signals in the brains of healthy elderly people. *Eur J Radiol* 2001;11:1495-1501.

Slooter AJC, Bots ML, Havekes LM, Iglesias del Sol A, Cruts M, Grobbee DE, Hofman A, Broeckhoven C van, Witteman JCM, Duijn CM van. Apolipoprotein E and Carotid Artery Atherosclerosis. The Rotterdam Study. *Stroke* 2001;32:1947-52.

Slooter AJC, M Cruts, A Hofman, Broeckhoven C van, Duijn CM van. Apolipoprotein E and longevity: the Rotterdam study. *JAGS* 2001;49:1-2.

Smith W, Assink JJM, Klein R, Mitchell P, Klaver CCW, Klein BEK, Hofman A, Jensen S, Wang JJ, Jong PTVM de. Risk factors for age-related macular degeneration: Pooled findings from three continents. *Ophthalmology* 2001;108:697-704.

Uitterlinden AG, Weel AEAM, H Burger, F Yue, Duijn CM van, Hofman A, Leeuwen PTM van, Pols HAP. Interaction between the vitamin D receptor gene and collagen type I alpha1 gene in susceptibility for fracture. *J Bone Miner Res* 2001;16:379-85.

Vaessen N, Heuting P, Janssen J, Witteman JCM, Testers L, Hofman A, Oostra BA, Lamberts SWJ, Pols HAP, Duijn CM van. A polymorphism in the gene for IGF-I functional properties and risk for type 2 diabetes and myocardial infarction. *Diabetes* 2001;50:637-42.

Veld BA in 't, Ruitenberg A, Hofman A, Launer LJ, Duijn CM van, Stijnen Th, Breteler MMB, Stricker BHCh. Nonsteroidal anti-inflammatory drugs and the risk of Alzheimer's disease. *N Eng J Med* 2001;345:15-21.

Veld BA in 't, Ruitenberg A, Hofman A, Stricker BHCh, Breteler MMB. Antihypertensive drugs and incidence of dementia: the Rotterdam Study. *Neurobiol Aging* 2001;22:407-12.

Visscher TLS, Seidell JC, Molarius A, van der Kuip D, Hofman A, Witteman JCM. A comparison of body mass index, waist-hip ratio and waist circumference as predictors of all-cause mortality among the elderly: the Rotterdam Study. *Int J Obes Relat Metab Disord* 2001;25:1730-5.

Vokó Z, Koudstaal PJ, Bots ML, Hofman A, Breteler MMB. Aspirin use and risk of stroke in the elderly: The Rotterdam Study. *Neuroepidemiology* 2001;20:40-4.

2000

Bakker SLM, Leeuw FE de, Koudstaal PJ, Hofman A, Breteler MMB. Cerebral CO₂ reactivity, cholesterol, and high-density lipoprotein cholesterol in the elderly. *Neurology* 2000;54:987-9.

Berger K, Breteler MMB, Helmer C, Inzitari D, Fratiglioni L, Trenkwalder C, Hofman A, Launer LJ, for the Neurologic Diseases in the Elderly Research Group. Prognosis with Parkinson's disease in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S24-7.

Breteler MMB. Vascular Involvement in Cognitive Decline and Dementia. Epidemiologic Evidence from the Rotterdam Study and the Rotterdam Scan Study. *Ann NY Acad Sci* 2000;903:457-65.

Di Carlo A, Launer LJ, Breteler MMB, Fratiglioni L, Lobo A, Martinez-Lage J, Schmidt R, Hofman A, for the ILSA Working Group and the Neurologic Diseases in the Elderly Research Group. Frequency of stroke in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S28-33.

Fratiglioni L, Launer LJ, Andersen K, Breteler MMB, Copeland JRM, Dartigues J-F, Lobo A, Martinez-Lage J, Soininen H, Hofman A, for the Neurologic Diseases in the Elderly Research Group. Incidence of dementia and major subtypes in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S10-5.

Groot JC de, Leeuw FE de, Oudkerk M, Gijn J van, Hofman A, Jolles J, Breteler MMB. Cerebral White Matter Lesions and Cognitive Function: The Rotterdam Scan Study. *Ann Neurol* 2000;47:145-51.

Groot JC de, Leeuw FE de, Oudkerk M, Hofman A, Jolles J, Breteler MMB. Cerebral White Matter Lesions and Depressive Symptoms in Elderly Adults. *Arch Gen Psychiat* 2000;57:1071-6.

Hak AE, Polderman KH, Westendorp ICD, Jakobs C, Hofman A, Witteman JCM, Stehouwer CD. Increased plasma homocysteine after menopause. *Atherosclerosis* 2000;149:163-8.

Hak AE, Pols HAP, Hemert AM van, Hofman A, Witteman JCM. Progression of Aortic Calcification Is Associated With Metacarpal Bone Loss During Menopause. A Population-Based Longitudinal Study. *Arterioscler Thromb Vasc Biol* 2000;20:1926-31.

Hak AE, Pols HAP, Visser TJ, Drexhage HA, Hofman A, Witteman JCM. Subclinical Hypothyroidism Is an Independent Risk Factor for Atherosclerosis and Myocardial Infarction in Elderly Women: The Rotterdam Study. *Ann Intern Med* 2000;132:270-8.

Harhangi BS, Rijk MC de, Duijn CM van, Broeckhoven C van, Hofman A, Breteler MMB. APOE and the risk of PD with or without dementia in a population-based study. *Neurology* 2000;54:1272-6.

Jagger C, Andersen K, Breteler MMB, Copeland JRM, Helmer C, Baldereschi M, Fratiglioni L, Lobo A, Soininen H, Hofman A, Launer LJ, for the Neurologic Diseases in the Elderly Research Group. Prognosis with dementia in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S16-20.

Kalmijn S, Janssen JA, Pols HAP, Lamberts SWJ, Breteler MMB. A Prospective Study on Circulating Insulin-Like Growth Factor I (IGF-I), IGF-Binding Proteins, and Cognitive Function in the Elderly. *J Clin Endocrinol Metab* 2000;85:4551-5.

Kalmijn S, Mehta KM, Pols HAP, Hofman A, Drexhage HA, Breteler MMB. Subclinical hyperthyroidism and the risk of dementia. The Rotterdam Study. *Clin Endocrinol (Oxf)* 2000;53:733-7.

Klipstein-Grobusch K, Launer LJ, Geleijnse JM, Boeing H, Hofman A, Witteman JCM. Serum carotenoids and atherosclerosis. The Rotterdam Study. *Atherosclerosis* 2000;148:49-56.

Knittweis JW, McMullen WA, Romas SN, Mayeux R, Slioter AJC, Ruitenberg A, Duijn CM van, Breteler MMB, Liu HC. The effect of apoE on dementia is not through atherosclerosis: The Rotterdam Study. *Neurology* 2000;54:2356-8.

Koster MN, Dermaut B, Cruts M, Houwing-Duistermaat JJ, Roks G, Tol J, Ott A, Hofman A, Munteanu G, Breteler MMB, Duijn CM van, Broeckhoven C van. The α 2-macroglobulin gene in AD. A population-based study and meta-analysis. *Neurology* 2000;55:678-84.

Laet CEHD de, Pols HAP. Fractures in the elderly: epidemiology and demography. *Baillieres Best Pract Res Clin Endocrinol Metab* 2000;14:171-9.

Launer LJ, Oudkerk M, Nilsson L-G, Alperovitch A, Berger K, Breteler MMB, Fuhrer R, Giampaoli S, Nissinen A, Pajak A, Sans S, Schmidt R, Hofman A. CASCADE: A European Collaborative Study on Vascular Determinants of Brain Lesions. *Neuroepidemiology* 2000;19:113-20.

Leeuw FE de, Groot JC de, Bots ML, Witteman JCM, Oudkerk M, Hofman A, Gijn J van, Breteler MMB. Carotid atherosclerosis and cerebral white matter lesions in a population based magnetic resonance imaging study. *J Neurol* 2000;247:291-6.

Leeuw FE de, Groot JC de, Oudkerk M, Kors JA, Hofman A, Gijn J van, Breteler MMB. Atrial fibrillation and the risk of cerebral white matter lesions. *Neurology* 2000;54:1795-1800.

Leeuw FE de, Groot JC de, Oudkerk M, Witteman JCM, Hofman A, Gijn J van, Breteler MMB. Aortic Atherosclerosis at Middle Age Predicts Cerebral White Matter Lesions in the Elderly. *Stroke* 2000;31:425-9.

Letenneur L, Launer LJ, Andersen K, Dewey ME, Ott A, Copeland JR, Dartigues JF, Kragh-Sorensen P, Baldereschi M, Brayne C, Lobo A, Martinez-Lage JM, Stijnen T, Hofman A, for

the EURODEM Incidence Research Group. Education and the Risk for Alzheimer's Disease: Sex Makes a Difference. EURODEM Pooled Analyses. *Am J Epidemiol* 2000 1;151:1064-71.

Lobo A, Launer LJ, Fratiglioni L, Andersen K, Di Carlo A, Breteler MMB, Copeland JRM, Dartigues J-F, Jagger C, Martinez-Lage J, Soininen H, Hofman A, for the Neurologic Disease in the Elderly Research Group. Prevalence of dementia and major subtypes in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S4-9.

Meijer WT, Grobbee DE, Hunink MG, Hofman A, Hoes AW. Determinants of Peripheral Arterial Disease in the Elderly. The Rotterdam Study. *Arch Intern Med* 2000;160:2934-8.

Popele NM van, Bos WJW, Beer NAM de, Kuip DAM van der, Hofman A, Grobbee DE, Witteman JCM. Arterial Stiffness as Underlying Mechanism of Disagreement Between an Oscillometric Blood Pressure Monitor and a Sphygmomanometer. *Hypertension* 2000;36:484-8.

Popele NM van, Westendorp ICD, Bots ML, Reneman RS, Hoeks APG, Hofman A, Grobbee DE, Witteman JCM. Variables of the insulin resistance syndrome are associated with reduced arterial distensibility in healthy non-diabetic middle-aged women. *Diabetologia* 2000;43:665-72.

Rijk MC de, Launer LJ, Berger K, Breteler MMB, Dartigues J-F, Baldereschi M, Fratiglioni L, Lobo A, Martinez-Lage J, Trenkwalder C, Hofman A, for the Neurologic Diseases in the Elderly Research Group. Prevalence of Parkinson's disease in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S21-3.

Rossum CTM van, Mheen H van de, Witteman JCM, Grobbee DE, Mackenbach JP. Education and nutrient intake in Dutch elderly people. *Eur J Clin Nutr* 2000;54:159-65.

Rossum CTM van, Mheen H van de, Witteman JCM, Hofman A, Mackenbach JP, Grobbee DE. Prevalence, Treatment, and Control of Hypertension by Sociodemographic Factors Among the Dutch Elderly. *Hypertension* 2000;35:814-21.

Schmidt R, Breteler MMB, Inzitari D, Fratiglioni L, Hofman A, Launer LJ, for the Neurologic Diseases in the Elderly Research Group. Prognosis with stroke in Europe: A collaborative study of population-based cohorts. *Neurology* 2000;54:S34-7.

Slooter AJC, Ruitenberg A, Duijn CM van, Breteler MMB. Re: The effect of apoE on dementia is not through atherosclerosis: The Rotterdam Study. *Neurology* 2000;54:2357-8.

Stegmans PH, Hoes AW, Bak AA, Does E van der, Grobbee DE. Higher Prevalence of Depressive Symptoms in Middle-Aged Men With Low Serum Cholesterol Levels. *Psychosom Med* 2000;62:205-11.

Uitterlinden AG, Burger H, Duijn CM van, Huang Q, Hofman A, Birkenhäger JC, Leeuwen JPTM van, Pols HAP. Adjacent genes, for *COL2A1* and the vitamin D receptor, are associated with separate features of the radiographic osteoarthritis at the knee. *Arthritis & Rheumatism* 2000;43:1456-64.

Vokó Z, Breteler MMB. J-shaped relation between blood pressure and stroke. *Hypertension* 2000;35:E16-7.

Westendorp ICD, Veld BA in 't, Grobbee DE, Pols HAP, Meijer WT, Hofman A, Witteman JCM. Hormone Replacement Therapy and Peripheral Arterial Disease; The Rotterdam Study. *Arch Intern Med* 2000;160:2498-502.

Wolfs RCW, Borger PH, Ramrattan RS, Klaver CCW, Hulsman CAA, Hofman A, Vingerling JR, Hitchings RA, Jong PTVM de. Changing views on open-angle glaucoma: definitions and prevalences. The Rotterdam Study. *Invest Ophthalmol Vis Sci* 2000;41:3309-21.

1999

Andersen K, Launer LJ, Dewey ME, Letteneur L, Ott A, Copeland JR, Dartigues JF, Kragh-Sorensen P, Baldereschi M, Brayne C, Lobo A, Martinez Lage JM, Stijnen T, Hofman A. Gender differences in the incidence of AD and vascular dementia: The EURODERM Studies. EURODERM Incidence Research Group. *Neurol* 1999;53:1992-7.

Baker FM, Launer LJ, Breteler MMB, Hofman A. Ommoord district residents: prevalence and treatment of depression. *Int Psychogeriatr* 1999;11:385-97.

Bakker SLM, de Leeuw FE, de Groot JC, Hofman A, Koudstaal PJ, Breteler MMB. Cerebral vasomotor reactivity and cerebral white matter lesions in the elderly. *Neurology* 1999;52:578-83.

Baan CA, Stolk RP, Witteman JCM, Grobbee DE, Feskens EJM. Physical activity in elderly subjects with impaired glucose tolerance and newly diagnosed diabetes mellitus. *Am J Epidemiol* 1999;149:219-27.

Bijkerk C, Houwing-Duistermaat JJ, Valkenburg HA, Meulenbert I, Hofman A, Breedveld FC, Pols HAP, Duijn CM van, Slagboom PE. Heritabilities of radiological osteoarthritis in peripheral joints and of disk generation of the spine. *Arthr Rheum* 1999;42:1729-35.

Bijkerk C, Houwing-Duistermaat JJ, Valkenburg HA, Meulenbert I, Burger H, Laet CEDH de, Weel AEAM, Hofman A, Pols HAP. Added value of bone mineral density in hip fracture risk scores. *Bone* 1999;25:369-374.

Bom JG van der, Bots ML, Haverkate F, Meijer P, Hofman A, Grobbee DE, Kluit C. Fibrinolytic activity in peripheral atherosclerosis in the elderly. *Thromb Haemost* 1999;81:275-80.

Bots ML, Launer LJ, Lindemans J, Hoes AW, Hofman A, Witteman JCM, Koudstaal PJ, Grobbee DE. Homocysteine and short-term risk of myocardial infarction and stroke in the elderly. The Rotterdam Study. *Arch Int Med* 1999;159:38-44.

Bots ML, Hoes AW, Hofman A, Witteman JCM, Grobbee DE. Cross-sectionally assessed carotid intima-media thickness relates to long-term risk of stroke, coronary heart disease and death as estimated by available risk functions. *J Intern Med* 1999;245:269-76.

Bruyne MC de, Hoes AW, Kors JA, Hofman A, Bommel JH van, Grobbee DE. Prolonged QT interval predicts cardiac and all-cause mortality in the elderly: the Rotterdam Study. *Eur Haert J* 1999;20:278-84.

Bruyne MC de, Kors JA, Hoes WA, Klootwijk P, Dekker JM, Hofman A, Bommel JH van, Grobbee DE. Both decreased and increased heart rate variability on the standard 10-second electrocardiogram predict cardiac mortality in the elderly: the Rotterdam Study. *Am J Epidemiol* 1999;150:1282-8.

Dermaut B, Cruts M, Slooter AJC, van Gestel S, de Jonghe Ch, Vanderstichele H, Vanmechelen E, Breteler MMB, Hofman A, van Duijn CM, van Broeckhoven Ch. The Glu318Gly substitution in presenilin 1 is not causally related to Alzheimer's disease. *Am J Hum Genet* 1999;64:290-2.

Elbaz A, Grigoletto F, Baldereschi M, Breteler MMB, Manubens-Bertran JM, Lopez-Pousa S, Dartigues JF, Alperovitch A, Tzourio C, Rocca WA. Familial aggregation of Parkinson's disease: a population based case-control study in Europe. EURO-PARKINSON Study Group. *Neurology* 1999;52:1876-82.

Geleijnse JM, Launer LJ, Hofman A, Pols HAP, Witteman JCM. Tea flavonoids may protect against atherosclerosis. The Rotterdam Study. *Arch Intern Med* 1999;159:2170-4.

Gorin MB, Breitner JCS, Jong PTVM de, Hageman GS, Klaver CCW, Kuehn M, Seddon JM. The genetics of age-related macular degeneration. *Mol Vis* 1999;5:29.

Hak AE, Stehouwer CDA, Bots ML, Polderman KH, Schalkwijk CG, Westendorp ICD, Hofman A, Witteman JCM. Associations of C-reactive protein with measures of obesity, insulin resistance, and subclinical atherosclerosis in healthy, middle-aged women. *Arterioscler Thromb Vasc Biol* 1999;19:1986-91.

Harhangi BS, Oostra BA, Heutink P, van Duijn CM, Hofman A, Breteler MMB. N-acetyltransferase-2 polymorphism in Parkinson's Disease: the Rotterdam Study. *J Neurol Neurosurg Psychiatry* 1999;67:518-20.

Hoogen PCW van den, Popele NM van, Feskens EJM, Kuip DAM van der, Grobbee DE, Hofman A, Witteman JCM. Blood pressure and risk of myocardial infarction in elderly men and women: the Rotterdam Study. *J Hypertens* 1999;17:1373-8.

Houterman S, Verschuren WMM, Hofman A, Witteman JCM. Serum cholesterol is a risk factor for myocardial infarction in elderly men and women: the Rotterdam Study. *J Intern Med* 1999;246:25-33.

Hunt SC, Geleijnse JM, Wu LL, Witteman JCM, Williams RR, Grobbee DE. Enhanced blood pressure response to mild sodium reduction in subjects with the 235T variant of the angiotensinogen gene. *Am J Hypertens* 1999;12:460-6.

Kalmijn S., Curb JD, Rodriguez BL, Yano K, Abbott RD. The association of body weight and anthropometry with mortality in elderly men: The Honolulu Heart Program. *Int J Obesity* 1999;23:395-402.

Kalmijn S, Launer LJ, Lindemans J, Bots JL, Hofman A, Breteler MMB. Total homocysteine and cognitive decline in a community-based sample of elderly subjects: the Rotterdam Study. *Am J Epidemiol* 1999;150:283-9.

Kalmijn S, Oey PL, Wokke JHJ, Wieneke GH. Autonomic function in patients with hereditary motor and sensory neuropathy type I and Lambert-Eaton myasthenic syndrome. *Electromyogr Clin Neurophysiol* 1999;39:349-53.

Klaver CCW, Ott A, Hofman A, Assink JJM, Breteler MMB, de Jong PTVM. Is age-related maculopathy associated with Alzheimer's disease? The Rotterdam Study. *Am J Epidemiol* 1999;150:963-8.

Klipstein-Grobusch K, Geleijnse JM, Breeijen JH den, Boeing H, Hofman A, Grobbee DE, Witteman JCM. Dietary antioxidants and risk of myocardial infarction in the elderly. The Rotterdam Study. *Am J Clin Nutr* 1999;69:261-6.

Klipstein-Grobusch K, Grobbee DE, Breeijen JH den, Boeing H, Hofman A, Witteman JCM. Dietary iron and risk of myocardial infarction in the Rotterdam Study. *Am J Epidemiol* 1999;149:421-8.

Klipstein-Grobusch K, Grobbee DE, Koster JF, Lindemans J, Boeing H, Hofman A, Witteman JCM. Serum caeruloplasmin as a coronary risk factor in the elderly: the Rotterdam Study. *Br J Nutrition* 1999;81:139-44.

Klipstein-Grobusch K, Koster JF, Grobbee DE, Lindemans J, Boeing H, Hofman A, Witteman JCM. Serum ferritin and risk of myocardial infarction in the elderly. *Am J Clin Nutr* 1999;69:1231-6.

Klungel OH, Stricker BHCh, Paes AHP, Seidell JC, Bakker A, Vokó Z, Breteler MMB, de Boer A. Excess stroke among hypertensive men and women attributable to undertreatment of hypertension. *Stroke* 1999;30:1312-8.

Kooten F van, Ciabattoi G, Koudstaal PJ, Grobbee DE, Kluit C, Patrono C. Increased thromboxane biosynthesis is associated with poststroke dementia. *Stroke* 1999;30:1542-7.

Laet CEDH de, Hout BA van, Burger H, Weel AEAM, Hofman A, Pols HAP. Incremental cost of medical care after hip fracture and first vertebral fracture: the Rotterdam Study. *Osteoporos Int* 1999;10:66-72.

Launer JL, Andersen K, Dewey ME, Letteneur L, Ott A, Amaducci LA, Brayne C, Copeland JRM, Dartigues J-F, Kragh-Sorensen P, LoboA, Martinez-Lange JM, Stijnen T, Hofman A and the EURODEM Incidence Research Group and Work Groups. Rates and risk for Alzheimer's disease: EURODEM collaborative analysis. *Neurology* 1999;52:78-84.

Leeuw FE de, Groot JC de, Oudkerk M, Witteman JCM, Hofman A, Gijn J van, Breteler MMB. A follow-up study of blood pressure and cerebral white matter lesions. *Ann Neurol* 1999;46:827-33.

Mehta KM, Ott A, Kalmijn S, Slioter AJC, Duijn CM van, Hofman A, Breteler MMB. Head trauma and risk of dementia and Alzheimer's disease. The Rotterdam Study. *Neurology* 1999;53:1959-62.

Mennen LI, Maat MPM de, Meijer G, Zock P, Grobbee DE, Kok FJ, Kluit C, Schouten EG. Postprandial response of activated factor VII in elderly women depends on the R353Q polymorphism. *Br J Nutr* 1999;70:435-8.

Meulenbelt I, Bijkerk C, Wildt SCM de, Miedema HS, Breedveld FC, Pols HAP, Hofman A, Duijn CM van, Slagboom PE. Haplotype analysis of three polymorphisms of the COL2A1 gene and associations with generalised radiological osteoarthritis. *An Hum Genet* 1999;63:303-400.

Mosterd A, D'Agostino RB, Silbershatz H, Sytkowski PA, Kannel WB, Grobbee DE, Levy D. Trends in the prevalence of hypertension, antihypertensive therapy, and left ventricular hypertrophy from 1950 to 1989. *N Engl J Med* 1999;340:1221-7.

Mosterd A, Hoes AW, Bruijine MC, Deckers JW, Linker DT, Hofman A, Grobbee DE. Prevalence of heart failure and left ventricular dysfunction in the general population. The Rotterdam Study. *Eur Heart J* 1999;20:447-55.

Mosterd A. Prevalence of heart failure and (a)symptomatic left ventricular dysfunction in the general population. The Rotterdam Study. *Eur Heart J* 1999;20:447-55.

Ott A, Stolk RP, Harskamp F van, Pols HAP, Hofman A, Breteler MMB. Diabetes mellitus and the risk of dementia. The Rotterdam Study. *Neurology* 1999;53:1937-42.

Ott A, van Rossum CTM, van Harskamp F, van de Mheen H, Hofman A, Breteler MMB. Education and the incidence of dementia in a large population-based study. The Rotterdam Study. *Neurology* 1999;52:663-6.

Peters HW, Westendorp ICD, Hak AE, Stehouwer CD, Hofman A, Witteman JCM. Menopausal status and risk factors for cardiovascular disease. *J Intern Med* 1999;246:521-8.

Pleumeekers HJCM, Grujil A de, Hofman A, Beek AJ van, Hoes AW. Prevalence of aortic aneurysm in men with a history of inguinal hernia repair. *Br J Surg* 1999;86:1155-8.

Pleumeekers HJCM, Hoes AW, Hofman A, Urk H van, Does E van der, Grobbee DE. Selecting subjects for ultrasonographic screening for aneurysms of the abdominal aorta: four different strategies. *Int J Epidemiol* 1999;28:682-6.

Ramrattan R, Wolfs RCW, Hofman A, De Jong PTVM. Determinants of optic disk characteristics in a general population: The Rotterdam Study. *Ophthalmology* 1999;106:1588-96.

Rheeder P, Stolk RP, Mosterd A, Pols HAP, Hofman A, Grobbee DE. Insulin resistance syndrome and left ventricular mass in an elderly population (The Rotterdam Study). *Am J Cardiol* 1999;84:233-6.

Van Rossum CTM, van de Mheen H, Breteler MMB, Grobbee DE, Mackenbach JP. Socioeconomic differences in stroke among Dutch elderly women: the Rotterdam Study. *Stroke* 1999;30:357-62.

Rossum CTM van, Mheen H van de, Witteman JCM, Mackenbach JP, Grobbee DE. Socioeconomic status and aortic atherosclerosis in Dutch elderly people: the Rotterdam Study. *Am J Epidemiol* 1999;150:142-8.

Schurgers LJ, Geleijnse JM, Grobbee DE, Pols HAP, Hofman A, Witteman JCM, Vermeer C. Nutritional intake of Vitamins K₁ (phylloquinone) and K₂ (menaquinone) in The Netherlands. *J Nutr Env Med* 1999;9:115-22.

Sijens PE, Oudkerk M, De Leeuw FE, De Groot JC, Achten E, Heijboer R, Hofman A, Breteler MMB. ¹H Chemical shift imaging of the human brain at age 60-90 years reveals metabolic differences between women and men. *Magnetic Resonance in Medicine* 1999;42:24-31.

Slooter AJC, Houwing-Duistermaat JJ, Van Harskamp F, Cruts M, Van Broeckhoven C, Breteler MMB, Hofman A, Stijnen Th, Van Duijn CM. Apolipoprotein E genotype and progression of Alzheimer's disease: the Rotterdam Study. *J Neurol* 1999;246:304-8.

Slooter AJC, Cruts M, Ott A, Bots ML, Witteman JCM, Hofman A, van Broeckhoven C, Breteler MMB, van Duijn CM. The effect of APOE on dementia is not through atherosclerosis: the Rotterdam Study. *Neurology* 1999;53:1593-5.

Vokó Z, Bots ML, Hofman A, Koudstaal PJ, Witteman JCM, Breteler MMB. J-shaped relation between blood pressure and stroke in treated hypertensives. *Hypertension* 1999;34:1181-5.

Weel AEAM, Uitterlinden AG, Westendorp ICD, Burger H, Schuit SCE, Hofman A, Helmerhorst TJM, Leeuwen JPTM van, Pols HAP. Estrogen receptor polymorphism predicts the onset of natural and surgical menopause. *J Clin Endocrinol Metab* 1999;84:3146-50.

Westendorp ICD, Bots ML, Grobbee DE, Reneman RS, Hoeks APG, Popele NM van, Hofman A, Witteman JCM. Menopausal status and distensibility of the common carotid artery. *Arterioscler Thromb Vasc Biol* 1999;19:713-7.

Westendorp ICD, Veld BA in 't, Bots ML, Akkerhuis JM, Hofman A, Grobbee DE, Witteman JCM. Hormone replacement therapy and intima-media thickness of the common carotid artery. The Rotterdam Study. *Stroke* 1999;30:2562-7.

Witthaus E, Ott A, Barendregt JJ, Breteler MMB, Bonneux L. Burden of mortality and morbidity from dementia. *Alzheimer Dis Assoc Disord* 1999;13:176-81.

Wolfs RCW, Ramrattan R, Hofman A, De Jong PTVM. Ophthalmoscopy versus automated measurement in a general elderly population: The Rotterdam Study. *Ophthalmology* 1999;106:1597-601.

1998

Anderson DW, Rocca WA, Rijk de MC, Grigoletto F, Melcon MO, Breteler MMB, Maraganore DM. Case ascertainment uncertainties in prevalence surveys of Parkinson's disease. *Movement Disorders* 1998;13:626-32.

Bom JG van der, De Maat MP, Bots ML, Haverkate F, De Jong PTVM, Hofman A, Kluit C, Grobbee DE. Elevated plasma fibrinogen: cause or consequence of cardiovascular disease? *Arterioscler Thromb Vasc Biol* 1998;18:621-5.

Bots ML, Breteler MMB, van Kooten F, Haverkate F, Meijer P, Koudstaal PJ, Grobbee DE, Kluit C. Coagulation and fibrinolysis markers and risk of dementia. The Dutch vascular factors in dementia study. *Haemostasis* 1998;28:216-22.

Bots ML, van Kooten F, Breteler MMB, Slagboom PE, Hofman A, Haverkate F, Meijer P, Koudstaal PJ, Grobbee DE, Kluit C. Response to activated protein C in subjects with and without dementia. The Dutch vascular factors in dementia study. *Haemostasis* 1998;28:209-15.

Bots ML, Iglesias del Sol A, Grobbee DE. Carotid intima-media thickness in observational studies and intervention studies. *Current Res Vasc Dis* 1998;3:274-83.

Breteler MMB, Ott A, Hofman A. The new epidemic: frequency of dementia in the Rotterdam Study. *Haemostasis* 1998;28:117-123.

Breteler MMB, Bots ML, Ott A, Hofman A. Risk factors for vascular disease and dementia. *Haemostasis* 1998;28:167-73.

Burger H, Laet CEDH de, Daele PLA van, Weel AEAM, Witterman JCM, Hofman A, Pols HAP. Risk factors for increased bone loss in an elderly population: The Rotterdam Study. *Am J Epidemiol* 1998;147:871-9.

Claus JJ, Breteler MMB, Hasan D, Krenning EP, Bots ML, Grobbee DE, Swieten JC van, Harskamp F van, Hofman A. Regional cerebral blood flow and cerebrovascular risk factors in the elderly population. *Neurobiol Aging* 1998;19:57-64.

Fahim S, van Duijn CM, Baker FM, Launer LJ, Breteler MMB, Schudel WJ, Hofman A. A study of familial aggregation of depression, dementia and Parkinson's disease. *Eur J Epidemiol* 1998;14:233-8.

Ibrahim YWM, Bots ML, Mulder PGH, Grobbee DE, Hofman A, De Jong PTVM de. Number of perifoveal vessels in aging, hypertension, and atherosclerosis: The Rotterdam Study. *Invest Ophthalmol Vis Sci* 1998;39:1049-53.

Iglesias del Sol A, Bots ML, Hoes AW, Grobbee DE. Carotid intima-media thickness and risk of stroke. *Cardiol Rev* 1998;15:48-50.

Kalmijn S, Launer LJ, Stolk RP, de Jong FH, Pols HAP, Hofman A, Breteler MMB, Lamberts SWJ. A prospective study on cortisol, dehydroepiandrosterone sulfate, and cognitive function in the elderly. *J Clin Endocr Metab* 1998;83:3487-92.

Klaver CCW, Kluiffen M, van Duijn CM, Hofman A, Cruys M, Grobbee DE, van Broeckhoven C, de Jong PTVM. Genetic association of apolipoprotein E with age-related macular degeneration. *Am J Hum Genet* 1998;63:200-6.

Klaver CCW, Wolfs RCW, Assink JJM, van Duijn CM, Hofman A, de Jong PTVM. Genetic risk of age-related maculopathy. *Arch Ophthalmol* 1998;16:1646-51.

Klaver CCW, Wolfs RCW, Vingerling JR, Hofman A, Jong PTVM de. Age-specific prevalence and causes of blindness and visual impairment in an older population. *Arch Ophthalmol* 1998;116:653-8.

Klipstein-Grobusch K, Breeijen JH den, Goldbohm RA, Geleijnse JM, Hofman A, Grobbee DE, Witterman JCM. Dietary assessment in the elderly: validation of a semiquantitative food frequency questionnaire. *Eur J Clin Nutr* 1998;52:588-96.

Kooten F van, Bots ML, Breteler MMB, Haverkate F, Swieten JC van, Grobbee DE, Koudstaal PJ, Kluit C. The Dutch vascular factors in dementia study. rationale and design. *J Neurol* 1998;245:32-9.

Kors JA, Bruyne MC de, Hoes AW, Herpen G van, Hofman A, Bemmeling JH van, Grobbee DE. T axis as an indicator of risk of cardiac events in elderly people. *Lancet* 1998;352:601-5.

Meijer WT, Hoes AW, Rutgers D, Bots ML, Hofman A, Grobbee DE. Peripheral arterial disease in the elderly. The Rotterdam Study. *Arterioscler Thromb Vasc Biol* 1998;18:185-92.

Mennen LI, Maat de MP, Schouten EG, Kluff C, Witteman JCM, Hofman A, Grobbee DE. Dietary effects on coagulation factor VII vary across genotypes of the R/Q353 polymorphism in elderly people. *J Nutr* 1998;128:870-4.

Ott A, Breteler MMB, van Harskamp F, Stijnen T, Hofman A. Incidence and risk of dementia. The Rotterdam Study. *Am J Epidemiol* 1998;147:574-80.

Ott A, Slooter AJC, Hofman A, van Harskamp F, Witteman JCM, van Broeckhoven C, van Duijn CM, Breteler MMB. Smoking and risk of dementia and Alzheimer's disease in a population-based cohort study: the Rotterdam Study. *Lancet* 1998;351:1840-3.

Sjahid SI, van der Linden PD, Stricker BHCh. The agreement between the pharmacy medication history and patient interview for cardiovascular drugs: the Rotterdam Elderly Study. *Br J Clin Pharmacol* 1998;45:591-5.

Slooter AJC, Cruts M, Kalmijn S, Hofman A, Breteler MMB, van Broeckhoven Ch, van Duijn CM. Risk estimates of dementia by Apolipoprotein E genotypes from a population-based incidence study: The Rotterdam Study. *Arch Neurol* 1998;55:964-8.

Slooter AJC, De Knijff P, Hofman A, Cruts M, Breteler MMB, Van Broeckhoven C, Havekes LM, Van Duijn CM. Serum apolipoprotein E level is not increased in Alzheimer's disease: the Rotterdam Study. *Neurosci Lett* 1998;248:21-4.

Slooter AJC, Van Duijn CM, Bots ML, Ott A, Breteler MMB, De Voecht J, Wehnert A, De Knijff P, Havekes LM, Grobbee DE, Van Broeckhoven C, Hofman A. Apolipoprotein E genotype, atherosclerosis, and cognitive decline: the Rotterdam Study. *J Neural Transm Suppl* 1998;53:17-29.

in 't Veld, BA, Launer LJ, Hoes AAW, Ott A, Hofman A, Breteler MMB, Stricker BHCh. NSAIDs and incident Alzheimer's disease. The Rotterdam Study. *Neurobiol Aging* 1998;19:607-11.

Wolfs RCW, Klaver CCW, Ramrattan RS, van Duijn CM, Hofman A, de Jong PTVM. Genetic risk of primary open angle glaucoma. *Arch Ophthalmol* 1998; 16:1640-5.

1997

Bom JG van der, Knijff P de, Haverkate F, Bots ML, Meijer P, Jong PVTM de, Hofman A, Kluff C, Grobbee DE. Tissue type plasminogen activator and risk of myocardial infarction. The Rotterdam Study. *Circulation* 1997;95:2623-7.

Bom JG van der, Maat MPM de, Bots ML, Hofman A, Kluff C, Grobbee DE. Seasonal variation in fibrinogen in the Rotterdam Study. *Thromb Haemostasis* 1997;78:1059-62.

Bots ML, Jong PTVM de, Hofman A, Grobbee DE. Left, right, near or far wall common carotid intima-media thickness measurements: associations with cardiovascular disease and lower extremity arterial atherosclerosis. *J Clin Epidemiol* 1997;50:801-7.

Bots ML, Launer LJ, Lindemans J, Hofman A, Grobbee DE. Homocysteine, atherosclerosis and prevalent cardiovascular disease in the elderly: The Rotterdam Study. *J Int Med Res* 1997;242:339-47.

Bots ML, Launer LJ, Lindemans J, Hofman A, Grobbee DE. Homocysteine, atherosclerosis and prevalent cardiovascular disease in the elderly: The Rotterdam Study. *J of Int Med Research* 1997;242:339-47.

Bots ML, Hoes AAW, Koudstaal PJ, Hofman A, Grobbee DE. Common carotid intima-media thickness and risk of stroke and myocardial infarction. The Rotterdam Study. *Circulation* 1997;96:1432-7.

Bots ML, Wilk EC van, Koudstaal PJ, Hofman A, Grobbee DE. Typical and atypical transient ischaemic attacks in the general population. The Rotterdam Study. *Stroke* 1997;28:768-72.

Bots ML, Hofman A, Grobbee DE. Increased common carotid intima-media thickness. *Stroke* 1997;28:2442-7.

Bruyne MC de, Kors JA, Hoes AAW, Kruijssen DACM, Deckers JW, Grosfeld M, Herpen G van, Grobbee DE, Bemmeling JH van. Diagnostic interpretation of electrocardiograms in population-based research: computer program, research physicians or cardiologists? *J Clin Epidemiol* 1997;50:947-52.

Bruyne MC de, Mosterd A, Bemmeling JH van, Deckers JW, Hoes AAW, Hofman A, Hoogervorst HJ, Kors JA, Kruijssen DACM, Grobbee DE. Prevalence, determinants and misclassification of myocardial infarction in the elderly. The Rotterdam Study. *Epidemiology* 1997;8:495-500.

Burger H, Daele PLA van, Grashuis K, Hofman A, Grobbee DE, Schütte, Birkenhäger JC, Pols HAP. Vertebral deformities and functional impairment in men and women. *J Bone Miner Res* 1997;12:152-7.

Geleijnse JM, Witteman JCM, Hofman A, Grobbee DE. Electrolytes are associated with blood pressure at old age: The Rotterdam Study. *J Human Hypertension* 1997;11:421-3.

Hofman A, Ott A, Breteler MMB, Bots ML, Slieter AJC, van Harskamp F, van Duijn CM, Van Broeckhoven C, Grobbee DE. Atherosclerosis, apolipoprotein E and the prevalence of dementia and Alzheimer's disease in the Rotterdam Study. *Lancet* 1997;349:151-4.

Jong PTVM de, Klaver CCW, Wolfs RC, Assink JJ, Hofman A. Familial aggregation of age-related maculopathy. *Am J Ophthalmol* 1997;124:862-3.

Kalmijn S, Launer LJ, Ott A, Witteman JCM, Hofman A, Breteler MMB. Dietary fat intake and the risk of dementia in a population-based study: the Rotterdam Study. *Ann Neurol* 1997;42:776-82.

Kalmijn S, Launer LJ, Ott A, Witteman JCM, Hofman A, Breteler MMB. Dietary fat intake and the risk of incident dementia in the Rotterdam Study. *Ann Neurol* 1997;42:776-82.

Klaver CCW, Assink JM, Vingerling JR, Hofman A, Jong PTVM de. Smoking is also associated with age-related macular degeneration in persons aged 85 years and older: The Rotterdam Study. *Arch Ophthalmol* 1997;115:945.

Klaver CCW, Vingerling JR, Hofman A, Jong PTVM de. Epidemiologie. In: Eds Holz FG, Pauleikhoff D. *Altersabhängige Makuladegeneration*. Berlin, Springer, Kapitel 1, 1997, pp 4-20.

Kliffen M, Van der Schaft TL, Mooy CM, De Jong PTVM. Morphologic changes in age-related maculopathy. *Microsc Res Tech* 1997;36:106-22.

Launer LJ, Warsama Jama J, Ott A, Breteler MMB, Hoes AW, Hofman A. Histamine H2 blocking drugs and the risk for Alzheimer's disease: The Rotterdam Study. *Neurobiol Aging* 1997;18:257-59.

Li X, Breteler MMB, de Bruyne M, Meinardi H, Hauser WA, Hofman A. Vascular Determinants of Epilepsy. The Rotterdam Study. *Epilepsia* 1997;38:1216-20.

Mennen LI, Witteman JCM, Breeijen JH den, Schouten EG, Jong PTVM de, Hofman A, Grobbee DE. The association of dietary fat and fiber with coagulation factor VII in the elderly. The Rotterdam Study. *Am J Clin Nutr* 1997;65:732-6.

Mennen LI, de Maat, Schouten EG, Kluit C, De Jong PTVM, Hofman A, Grobbee DE. Coagulation factor VII, serum-triglycerides and the R/Q353 polymorphism: differences between older men and women. *Thromb Haemost* 1997;78:984-6.

Mosterd A, Bruijne MC de, Hoes AW, Deckers JW, Hofman A, Grobbee DE. Usefulness of echocardiography in detecting left ventricular dysfunction in population-based studies. The Rotterdam Study. *Am J Cardiol* 1997;79:103-4.

Mosterd A, Deckers JW, Hoes AW, Nederpel A, Smeets A, Linker DT, Grobbee DE. Classification of heart failure in population based research: An assessment of six heart failure scores. *Eur J Epidemiol* 1997;13:491-502.

Mosterd A, Bruijne M de, Hoes AW, Deckers JW, Hofman A, Grobbee DE. Usefulness of echocardiography in detecting left ventricular dysfunction in population based studies: the Rotterdam Study. *Am J Cardiol* 1997;79:103-4.

Ott A, Breteler MMB, De Bruyne MC, Van Harskamp F, Grobbee DE, Hofman A. Atrial fibrillation and dementia in a population-based study. The Rotterdam Study. *Stroke* 1997;28:316-21.

Pharmacological study group. Interferon alfa-2a is ineffective for patients with choroidal neovascularization secondary to age-related macular degeneration. Pharmacological therapy for macular degeneration study group. *Arch Ophthalmol* 1997;115:865-72.

Rijk MC de, Rocca WA, Anderson DW, Melcon MO, Breteler MMB, Maraganore DM. A population perspective on diagnostic criteria for Parkinson's disease. *Neurology* 1997;48:1277-81.

Rijk MC de, Breteler MMB, Breeijen den JH, Launer LJ, Grobbee DE, van der Meché FGA, Hofman A. Dietary antioxidants and Parkinson's disease: the Rotterdam Study. *Arch Neurol* 1997; 54: 762-765.

Slooter AJC, Tang M, Van Duijn CM, Stern Y, Ott A, Bell K, Breteler MMB, Van Broeckhoven C, Tatemichi TK, Tycko B, Hofman A, Mayeux R. Apolipoprotein E 4 and the risk of dementia with stroke. A population-based investigation. *JAMA* 1997; 277: 818-21.

Stolk RP, Breteler MMB, Ott A, Pols HAP, Lamberts SWJ, Grobbee DE, Hofman A. Insulin and cognitive function in an elderly population. The Rotterdam Study. *Diabetes Care* 1997;5:792-5.

Stolk RP, Pols HAP, Lamberts SWJ, Jong PTVM de, Hofman A, Grobbee DE. Diabetes mellitus, impaired glucose tolerance, and hyperinsulinemia in an elderly population: The Rotterdam Study. *Am J Epidemiol* 1997;145:24-32.

Stolk RP, Pols HAP, Lamberts SWJ, Jong PTVM de, Hofman A, Grobbee DE. Diabetes Mellitus, impaired glucose tolerance, and hyperinsulinemia in an elderly population. The Rotterdam Study. *Am J Epidemiol* 1997;145:24-32.

Stolk RP, Breteler MMB, Ott A, Pols HAP, Lamberts SWJ, Grobbee DE, Hofman A. Insulin and cognitive function in an elderly population. The Rotterdam Study. *Diabetes Care* 1997;5:792-5.

Wolfs RCW, Klaver CCW, Vingerling JR, Grobbee DE, Hofman A, De Jong PTVM. Distribution of central corneal thickness and its association with intraocular pressure: The Rotterdam Study. *Am J Ophthalmol* 1997;123:767-72.

Wolfs RCW, Grobbee DE, Hofman A, De Jong PTVM. Risk of acute angle-closure glaucoma after diagnostic mydriasis in non-selected subjects. The Rotterdam Study. *Invest Ophthalmol Vis Sci* 1997;38:2683-7.

1996

Bom JG van der, Bots ML, Haverkate F, Slagboom PE, Meijer P, Jong PTVM de, Hofman A, Grobbee DE. Reduced response to activated protein C is associated with increased risk of cerebrovascular disease. *Ann Int Med* 1996;125:265-9.

Bom JG van der, Bots ML, Vliet HHDM van, Pols HAP, Hofman A, Grobbee DE. Antithrombin and atherosclerosis in the Rotterdam Study. *Arteriosl Thromb Vasc Biol* 1996;16:864-7.

Bom JG van der, Bots ML, Haverkate F, Grobbee DE, Kluit C. Fibrinolytic capacity and risk of myocardial infarction. *Fibrinolysis* 1996;10(Suppl 2):9-12.

Bots ML, Bom JG van der, Haverkate F, Meijer P, Hofman A, Grobbee DE, Kluit C. Activated protein C response and cardiovascular risk factors in the elderly. The Rotterdam Study. *Fibrinolysis* 1996;10(2):161-4.

Bots ML, Hofman A, Jong PTVM de, Grobbee DE. Common carotid intima-media thickness as an indicator of atherosclerosis at other sites of the carotid artery. The Rotterdam Study. *Ann Epidemiol* 1996;6:147-53.

Bots ML, Looman SJ, Koudstaal PJ, Hofman A, Hoes AW, Grobbee DE. Prevalence of stroke in the general population. *Stroke* 1996;27;9:1499-1501.

Bots ML, Witteman JCM, Hofman A, Jong PTVM de, Grobbee DE. Low diastolic blood pressure and atherosclerosis in elderly subjects. The Rotterdam Study. *Arch Intern Med* 1996;156:843-8.

Burger H, Daele PLA van, Odding E, Valkenburg HA, Hofman A, Grobbee DE, Schutte HE, Birkenhäger JC, Pols HAP. Association of radiographically evident osteoarthritis with higher bone mineral density and increased bone loss with age. The Rotterdam Study. *Arthritis Rheum* 1996;39:81-6.

Claus JJ, Breteler MMB, Hasan D, Krenning EP, Bots ML, Grobbee DE, van Swieten JC, van Harskamp F, Hofman A. Vascular risk factors, atherosclerosis, cerebral white matter lesions and cerebral perfusion in a population-based study. *Eur J Nucl Med* 1996;23:675-82.

Court A de la, Breteler MMB, Meinardi H, Hauser WA, Hofman A. Prevalence of epilepsy in the elderly. The Rotterdam Study. *Epilepsia* 1996;37:141-7.

Daele PLA van, Seibel MJ, Burger H, Hofman A, Grobbee DE, Leeuwen JPTM van, Birkenhäger JC, Pols HAP. Case-control analysis of bone resorption markers, disability, and hip fracture risk: the Rotterdam Study. *BMJ* 1996;312:482-3.

Dielemans I, Jong PTVM de, Stolk R, Hofman A, Vingerling JR, Grobbee DE. Primary open angle glaucoma, intraocular pressure and diabetes mellitus in the general elderly population: The Rotterdam Study. *Ophthalmology* 1996;103:1271-5.

Geleijnse JM, Witteman JCM, Breeijen JH den, Hofman A, Jong PTVM de, Pols HAP, Grobbee DE. Dietary electrolyte intake and blood pressure in older subjects: the Rotterdam Study. *J Hypertens* 1996;14:737-41.

Geleijnse JM, Witteman JCM, Grobbee DE. Re: Sodium potassium and blood pressure. *J Hypertens* 1996;14:1491.

Hart LM 't, Stolk RP, Heine RJ, Grobbee DE, Does FEE van der, Maassen JA. Association of the insulin-receptor variant Met-985 with hyperglycemia and non-insulin-dependent diabetes mellitus in The Netherlands: A population based study. *Am J Hum Gen* 1996;59:1119-25.

Jama JW, Launer LJ, Witteman JCM, den Breeijen JH, Breteler MMB, Grobbee DE, Hofman A. Dietary antioxidants and cognitive function in a population-based sample of older persons. The Rotterdam Study. *Am J Epidemiol* 1996;144:275-80.

Jie KG, Bots ML, Vermeer C, Witteman JCM, Grobbee DE. Vitamine K status and bone mass in women with and without aortic atherosclerosis: a population-based study. *Calcif Tissue Int* 1996;59:352-6.

Jong PTVM de, Hofman A, Vingerling JR, Dielemans I, Grobbee DE. ARM in the Rotterdam Study. *Ophthalmology* 1996;103:196-7.

Missov RM, Stolk RP, Van der Bom JG, Hofman A, Bots ML, Pols HAP, Grobbee DE. Plasma fibrinogen in NIDDM. The Rotterdam Study. *Diabetes Care* 1996;19:157-9.

O'Neill TW, Felsenberg D, Varlow J, Cooper C, Kanis JA, Silman AJ and the European Vertebral Osteoporosis Study. The prevalence of vertebral deformity in European men and women. The European Vertebral Osteoporosis Study Group. *J Bone Miner Res* 1996;11:1010-7.

Ott A, Stolk RP, Hofman A, Harskamp F van, Grobbee DE, Breteler MMB. Association of diabetes mellitus and dementia: The Rotterdam Study. *Diabetologia* 1996; 39:1392-7.

Perenboom RJM, Boshuizen HC, Breteler MMB, Ott A, van de Water HPA. Dementia-free life expectancy (DemFLE) in the Netherlands. *Soc Sci Med* 1996;43(12):1703-7.

Slooter AJC, Breteler MMB, Ott A, van Broeckhoven C, van Duijn CM. APOE genotyping in differential diagnosis of Alzheimer's disease. (letter) *Lancet* 1996;348:334.

Stolk RP, Daele PLA van, Pols HAP, Burger H, Hofman A, Birkenhäger JC, Lamberts SWJ, Grobbee DE. Hyperinsulinemia and bone mineral density in an elderly population. The Rotterdam Study. *Bone* 1996;18:545-9.

Stolk RP, Hoes AW, Pols HAP, Hofman A, Jong PTVM de, Lamberts SWJ, Grobbee DE. Insulin, hypertension and anti hypertensive drugs in elderly patients: the Rotterdam Study. *J Hypertension* 1996;14:237-42.

Stolk RP, Lamberts SWJ, Jong FH de, Pols HAP, Grobbee DE. Gender differences in the associations between cortisol and insulin in healthy subjects. *J Endocrinol* 1996;149:313-8.

Uitterlinden AG, Pols HAP, Burger H, Huang Q, Daele PLA van, Duijn CM van, Hofman A, Birkenhäger JC, Leeuwen JPTM van. A large scale population-based study of the association of vitamin D receptor gene polymorphisms with bone mineral density. *J Bone Miner Res* 1996;11:1241-8.

Vingerling JH, Hofman A, Grobbee DE, Jong PTVM de. Age-related macular degeneration and smoking. The Rotterdam Study. *Arch Ophthalmol* 1996;114:1193-6.

Vingerling JH, Klaver CCW, Hofman A, Jong PTVM de. Epidemiology of age related maculopathy. *Epidemiol Rev* 1996;17:347-60.

Warsama Jama J, Launer LJ, Witteman JCM, Breeijen den JH, Breteler MMB, Grobbee DE, Hofman A. Dietary antioxidants and cognitive function in a population-based sample of older persons. The Rotterdam Study. *Am J Epidemiol* 1996;144:275-80.

1995

Andersen K, Launer LJ, Ott A, Hoes AW, Breteler MMB, Hofman A. Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease? The Rotterdam Study. *Neurology* 1995;45:1441-5.

Bird AC, Bressler NM, Bressler SB, Chisholm IH, Coscas G, Davis MD, Jong PTVM, Klaver CCW, Klein BEK, Klein R, Mitchell P, Sarks JP, Sarks SH, Soubrane G, Taylor HR, Vingerling JR. An International Classification and grading system for Age-related maculopathy and age-related macular degeneration. The international arm epidemiological study group. *Surv Ophthalmol* 1995;39:367-74.

Bots ML, Hofman A, Grobbee DE. Common carotid intima-media thickness and cardiovascular disease in the Rotterdam Study - A cross-sectional analysis. In: Koenig W, Hombach V, Bond MG, Krams DM. *Progression and Regression of Atherosclerosis*. Vienna: Blackwell Scientific Publications 1995: page 118-23.

Breteler MMB, de Groot RRM, van Romunde LKJ, Hofman A. Risk of dementia in patients with Parkinson's disease, epilepsy, and severe head trauma: a register-based follow-up study. *Am J Epidemiol* 1995;142:1300-5.

Daele PLA van, Stolk RP, Burger H, Algra D, Grobbee DE, Hofman A, Birkenhäger JC, Pols HAP. Bone density in non-insulin-dependent diabetes mellitus. The Rotterdam Study. *Ann Intern Med* 1995;122:409-14.

Dequeker J, Pearson J, Reeve J, Henley M, Bright J, Felsenberg D, Kalender W, Laval-Jeantet AM, Ruegsegger P, Adams J, et al. Dual X-ray absorptiometry – cross-calibration and normative reference ranges for the spine: results of European Community Concerted Action. *Bone* 1995;17:247-54.

Dielemans I, Vingerling JR, Algra D, Hofman A, Grobbee DE, Jong PTVM de. Primary open-angle glaucoma, and systemic blood pressure in the general elderly population: The Rotterdam Study. *Ophthalmology* 1995;102:54-60.

Geleijnse JM, Witteman JCM, Bak AA, Breeijen JH den, Grobbee DE. Long-term moderate sodium restriction does not adversely affect the serum HDL/total cholesterol ratio. *J Hum Hypertens* 1995;9:975-9.

Grobbee DE. Future perspectives in atherosclerosis research: An epidemiological view. In: Koenig W, Hombach V, Bond MG, Krams DM (eds). *Progression and regression of atherosclerosis*. Vienna: Blackwell Scientific Publications 1995: page 478-82.

Jong PTVM de. POAG, IOP and BP in the elderly. *Ophthalmology* 1995;102:1126.

Odding E, Valkenburg HA, Algra D, Vandenouweland FA, Grobbee DE, Hofman A. Association of locomotor complaints and disability in the Rotterdam Study. *Ann Rheum Dis* 1995;54:721-5.

O'Neill TW, Marsden D, Silan AJ and the European Vertebral Osteoporosis Study Group. Differences in the characteristics of responders and non-responders in a prevalence survey of vertebral osteoporosis. *Osteoporos Int* 1995;5:327-34.

Ott A, Breteler MMB, van Harskamp F, Claus JJ, van der Cammen TJM, Grobbee DE, Hofman A. Prevalence of Alzheimer's disease and vascular dementia: association with education. The Rotterdam study. *BMJ* 1995;310:970-3.

Pearson J, Dequeker J, Reeve J, Felsenberg D, Henley M, Bright J, Lunt M, Adams J, Diaz Curiel M, Galan F, et al. Dual X-ray absorptiometry of the proximal femur: normal European values standardized with the European Spine Phantom. *J Bone Miner Res* 1995;10:315-24.

Pleumeekers HJCM, Hoes AW, Does E van der, Urk H van, Hofman A, Jong PTVM, Grobbee DE. Aneurysms of the abdominal aorta in older adults. *Am J Epidemiol* 1995;142:1291-9.

Rijk MC de, Breteler MMB, Graveland GA, Ott A, Grobbee DE, van der Meché FGA, Hofman A. Prevalence of Parkinson's disease in the elderly. The Rotterdam Study. *Neurology* 1995;45:2143-6.

Stolk RP, Vingerling JR, Jong PTVM de, Dielemans I, Hofman A, Lamberts SWJ, Pols HAP, Grobbee DE. Retinopathy, glucose and Insulin in an elderly population. The Rotterdam Study. *Diabetes* 1995;44:11-15.

Vingerling JR, Dielemans I, Witteman CM, Hofman A, Grobbee DE, Jong PTVM de. Macular degeneration and early menopause: a case-control study. *BMJ* 1995;310:1570-1.

Vingerling JR, Dielemans I, Bots ML, Hofman A, Grobbee DE, Jong PTVM de. Age-related macular degeneration is associated with atherosclerosis. The Rotterdam Study. *Am J Epidemiol* 1995;142:404-9.

Vingerling JR, Dielemans I, Hofman A, Grobbee DE, Hofman A, Hijmering M, Kramer CFL, Jong PTVM de. The prevalence of age-related maculopathy in the Rotterdam Study. *Ophthalmology* 1995;102:205-10.

Vingerling JR, Klaver CCW, Hofman A, Jong PTVM de. Epidemiology of age-related maculopathy. *Epidemiol Rev* 1995;17:347-60.

Visser MC, Koudstaal PJ, Erdman RAM, Deckers JW, Passchier J, Gijn J van, Grobbee DE. Measuring quality of life in patients with myocardial infarction or stroke: a feasibility study of four questionnaires in The Netherlands. *J Epidemiol Community Health* 1995;49:513-7.

1994

Bom JG van der, Bots ML, Vliet van HHDM, Hofman A, Grobbee DE. Factor VII coagulant activity is related to blood lipids in the elderly. The Rotterdam Study. *Fibrinolysis* 1994;8(2):132-4.

Bom JG van der, Bots ML, Bruijn de AM, Hofman A, Grobbee DE. Measurement of β -Thromboglobulin in the elderly. Findings from the Rotterdam Study. *Fibrinolysis* 1994;8(2):157-9.

Bots ML, Hofman A, Grobbee DE. Common carotid intima-media thickness and lower extremity arterial atherosclerosis. The Rotterdam Study. *Arterioscler Thromb* 1994;14:1885-91.

Bots ML, Mulder PGH, Hofman A, Es GA van, Grobbee DE. Reproducibility of carotid vessel wall thickness measurements. The Rotterdam Study. *J Clin Epidemiol* 1994;47:921-30.

Bots ML. Atherosclerosis in the elderly. In: Grobbee DE, ed. *The burden of atherosclerosis*. Amsterdam: Excerpta Medica Medical Communications, 1994: page7-8.

Breteler MMB, Claus JJ, Grobbee DE, Hofman A. Cardiovascular disease and the distribution of cognitive function in an elderly population. The Rotterdam Study. *BMJ* 1994;308:1604-8.

Breteler MMB, van Amerongen NM, van Swieten JC, Claus JJ, Grobbee DE, van Gijn J, Hofman A, van Harskamp F. Cognitive correlates of ventricular enlargement and cerebral white matter lesions on MRI. The Rotterdam Study. *Stroke* 1994;25:1109-15.

Breteler MMB, van Swieten JC, Bots ML, Grobbee DE, Claus JJ, van den Hout JHW, van Harskamp F, Tanghe HLJ, de Jong PTVM, van Gijn J, Hofman A. Cerebral white matter

lesions, vascular risk factors and cognitive function in a population-based study. *Neurology* 1994;44:1246-52.

Burger H, Daele PLA van, Algra D, Hofman A, Grobbee DE, Schütte HE, Birkenhäger JC, Pols HAP/ Vertebral deformities as predictors of non-vertebral fractures. *BMJ* 1994;309:991-2.

Burger H, Daele PLA van, Algra A, Ouweland FA van den, Grobbee DE, Hofman A, Kuijk C van, Schütte HE, Birkenhäger JC, Pols HAP. The association between age and bone mineral density in men and women aged 55 years and over: the Rotterdam Study. *Bone Miner* 1994;25:1-13.

Claus JJ, Harskamp F van, Breteler MMB, Krenning EP, Koning I de, Cammen TJM van der, Hofman A, Hasan D. The diagnostic value of SPECT with Tc 99m HMPAO in Alzheimer's disease: a population-based study. *Neurology* 1994;44:454-61.

Claus JJ, Harskamp F van, Breteler MMB, Krenning EP, Cammen TJM van der, Hofman A, Hasan D. Assessment of cerebral perfusion with single-photon emission tomography in normal subjects and in patients with Alzheimer's disease: effects of region of interest selection. *Eur J Nucl Med* 1994;21:1044-51.

Daele PLA van, Burger H, Algra D, Hofman A, Grobbee DE, Birkenhäger JC, Pols HAP. Age-associated changes in ultrasound measurements of the calcaneus in men and women: the Rotterdam Study. *J Bone Miner Res* 1994;9:1751-7.

Dielemans I, Vingerling JR, Hofman A, Grobbee DE, Jong PTVM de. Reliability of intraocular pressure measurement with the Goldmann applanation tonometer in epidemiological studies. *Graefe's Arch Clin Exp Ophthalmol* 1994;232:141-4.

Dielemans I, Vingerling JR, Wolfs RC, Hofman A, Grobbee DE, Jong PTVM de. The prevalence of primary open-angle glaucoma in a population-based study in The Netherlands. The Rotterdam Study. *Ophthalmology* 1994;101:1851-5.

Geleijnse JM, Witteman JCM, Bak AAA, Breeijen JH den, Grobbee DE. Reduction in blood pressure with a low sodium, high potassium, high magnesium salt in older subjects with mild to moderate hypertension. *BMJ* 1994;309:436-40.

Geleijnse JM, Witteman JCM, Grobbee DE. RE: Effect of dietary mineral salt on blood pressure. *BMJ* 1994;309:1157.

Grobbee DE, Bots ML. Carotid artery intima-media thickness as an indicator of generalized atherosclerosis. *J Int Med* 1994;236:567-73.

Grobbee DE. The burden in atherosclerosis: implications for the Rotterdam Study. In: Grobbee DE, ed. *The burden of atherosclerosis*. Amsterdam: Excerpta Medica Medical Communications, 1994: page 4-6.

Hoogervorst HJ, Hoes AAW, Grobbee DE. Electrocardiographic abnormalities in the elderly: findings in population-based studies. *Cardiology in the Elderly* 1994;2:21-7.

Mosterd A, Hoes AW, Hoogervorst HJ, Stolk RP, Hofman A, Jong PTVM de, Kruijssen HACM, Grobbee DE. Silent myocardial infarction in the elderly. In: Grobbee DE, (ed). *The burden of atherosclerosis*. Amsterdam: Excerpta Medica Medical Communications, 1994: page 9-10.

Pleumekers HJCM, Hoes AAW, Does E van der, Urk H van, Grobbee DE. Epidemiology of abdominal aortic aneurysms. *Eur J Vasc Surg* 1994;8:119-28.

Stolk RP, Orchard TJ, Lamberts SWJ, Pols HAP, Grobbee DE. Syndrome X in the elderly. In: Grobbee DE (ed). The burden of atherosclerosis. Amsterdam: Excerpta Medica Medical Communications, 1994: page 13-4.

Vingerling JR, Bots ML, Hofman A, Grobbee DE, Jong PTVM de. Atherosclerosis and the eye: age-related maculopathy. In: Grobbee DE (ed). The burden of atherosclerosis. Amsterdam: Excerpta Medica Medical Communications, 1994: page 11-2.

1993

Bots ML, Hofman A, BruynAM de, Jong PTVM de, Grobbee DE. Isolated systolic hypertension and vessel wall thickness of the carotid artery. The Rotterdam Elderly Study. *Arterioscl Thromb* 1993;13:64-9.

Bots ML, van Swieten JC, Breteler MMB, de Jong PTVM, van Gijn J, Hofman A, Grobbee DE. Cerebral white matter lesions and atherosclerosis in the Rotterdam Study. *Lancet* 1993;341:1232-7.

1992

Bots ML, Breslau PJ, Briët E, De Bruyn AM, Van Vliet HHDM, Ouweland FA van den, Jong PTVM de, Hofman A, Grobbee DE. Cardiovascular determinants of carotid artery disease. The Rotterdam Elderly Study. *Hypertension* 1992;19:717-20.

Breteler MMB, van den Ouweland FA, Grobbee DE, Hofman A. A community-based study of dementia: The Rotterdam Elderly Study. *Neuroepidemiology* 1992;11S1:23-8.

Launer LJ, Hofman A. Studies on the incidence of dementia: The European perspective. *Neuroepidemiology* 1992;11:127-34.

1991

Bots ML, Grobbee DE, Hofman A. High blood pressure in the elderly. *Epidemiol Rev* 1991;13:294-314.

Bots ML, Meurs JCHM van, Grobbee DE. Assessment of early atherosclerosis: A new perspective. *J Drug Res* 1991;16:150-4.

Hofman A, Grobbee DE, Jong PTVM de, Ouweland FA van den. Determinants of disease and disability in the elderly: the Rotterdam Elderly Study. *Eur J Epidemiol* 1991;7:403-22.

Hofman A, Rocca WA, Brayne C, Breteler MMB, Clarke M, Cooper B, Copeland JRM, Dartigues JF, da Silva Droux A, Hagnell O, et al. The prevalence of dementia in Europe: a collaborative study of 1980-1990 findings. *Int J Epidemiol* 1991;20:736-48.