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Increased central artery stiffness in impaired glucose metabolism and type 2 diabetes: the Hoorn Study

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#	Paper	IF	Citations
375	Cardiorespiratory fitness, physical activity, and arterial stiffness: the Northern Ireland Young Hearts Project. <i>Hypertension</i> , <b>2004</b> , 44, 721-6	8.5	138
374	Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 and -2 in type 2 diabetes: effect of 1 year@cardiovascular risk reduction therapy. <i>Diabetes Care</i> , <b>2004</b> , 27, 2049-51	14.6	48
373	[Postprandial hyperglycemia as a risk factor for cardiovascular disease. Therapy improves prognosis]. <b>2004</b> , 29, 480-7		2
372	Vascular stiffening and arterial compliance. Implications for systolic blood pressure. <b>2004</b> , 17, 39S-48S		119
371	Increased pulse wave velocity is not associated with elevated augmentation index in patients with diabetes. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 1937-44	1.9	131
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191	A new echocardiographic parameter of arterial stiffness in end-stage renal disease. <b>2014</b> , 39, 749-54		2
190	Serum uric acid is associated with arterial stiffness in men with newly diagnosed type 2 diabetes mellitus. <b>2014</b> , 37, 441-7		15
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188	Localized micro- and nano-scale remodelling in the diabetic aorta. <b>2014</b> , 10, 4843-4851		20
187	Cardiovascular outcome associations among cardiovascular magnetic resonance measures of arterial stiffness: the Dallas heart study. <b>2014</b> , 16, 33		61
186	Local stiffness of the carotid and femoral artery is associated with incident cardiovascular events and all-cause mortality: the Hoorn study. <b>2014</b> , 63, 1739-47		194
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184	Association between the Postprandial Glucose Levels and Arterial Stiffness Measured According to the Cardio-ankle Vascular Index in Non-diabetic Subjects. <b>2015</b> , 54, 1961-9		16
183	Blood pressure control predicts plasma matrix metalloproteinase-9 in diabetes mellitus type II. <b>2015</b> , 11, 85-91		12
182	Diabetic Cardiovascular Disease Induced by Oxidative Stress. <b>2015</b> , 16, 25234-63		240
181	Aortic Stiffness and Cardiovascular Risk in Women with Previous Gestational Diabetes Mellitus. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136892	3.7	30
180	Therapeutic modification of arterial stiffness: An update and comprehensive review. <b>2015</b> , 7, 742-53		43
179	Pre-Diabetes, Cardiovascular Risk Factors, Arterial StiffnessâADMA. <b>2015</b> , 119-130		

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178	Blood pressure indices, life-style factors and anthropometric correlates of casual blood glucose in a rural Nigerian community. <b>2015</b> , 14, 39-45		2	
177	Changes in Central Hemodynamics, Wave Reflection, and Heartâldessel Coupling with Normal and Accelerated Aging. <b>2015</b> , 83-95		3	
176	Glucose Metabolism, Diabetes, and the Arterial Wall. <b>2015</b> , 147-156		0	
175	Arterial stiffness in diabetes mellitus. <b>2015</b> , 238, 370-9		173	
174	Pulse pressure measured at the level of the femoral artery, but not at the level of the aorta, carotid and brachial arteries, is associated with the incidence of coronary heart disease events in a population with a high prevalence of type 2 diabetes and impaired glucose metabolism â The Hoorn		2	
173	study. <b>2015</b> , 9, 19 Investigating the effect of glucose on aortic pulse wave velocity using pancreatic clamping methodology. <b>2015</b> , 17, 270-5		3	
172	Effect of vitamin D supplementation on insulin kinetics and cardiovascular risk factors in polycystic ovarian syndrome: a pilot study. <b>2015</b> , 4, 108-16		40	
171	Assessment of vascular function in individuals with hyperglycemia: a cross-sectional study of glucose - induced changes in digital volume pulse. <b>2015</b> , 14, 23		9	
170	Positive correlation of serum adipocyte fatty acid binding protein levels with carotid-femoral pulse wave velocity in geriatric population. <b>2015</b> , 15, 88		19	
169	Blood pressure control among hypertensive patients with and without diabetes mellitus in six public primary care clinics in Malaysia. <b>2015</b> , 27, NP580-9		8	
168	Arterial stiffness is elevated in normotensive type 2 diabetic patients with peripheral neuropathy. <b>2015</b> , 25, 1041-9		11	
167	High body fat and low muscle mass are associated with increased arterial stiffness in Asian Indians in North India. <b>2015</b> , 29, 38-43		17	
166	Arterial Stiffness in Nonhypertensive Type 2 Diabetes Patients in Ghana. <b>2016</b> , 2016, 6107572		7	
165	Diabetes Mellitus, Arterial Wall, and Cardiovascular Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13, 201	4.6	40	
164	Aortic-to-brachial stiffness gradient and kidney function in type 2 diabetes. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1132-9	1.9	5	
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162	Risk prediction of having increased arterial stiffness among diabetic patients using logistic regression. <b>2016</b> ,			
161	Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-Fed Female Mice.  Hypertension, <b>2016</b> , 68, 1236-1244	8.5	25	

160	Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction: The Maastricht Study. <b>2016</b> , 134, 1339-1352		135
159	Carotid stiffness is associated with impairment of cognitive performance in individuals with and without type 2 diabetes. The Maastricht Study. <b>2016</b> , 253, 186-193		33
158	Fixed-Combination Olmesartan/Amlodipine Was Superior to Perindopril + Amlodipine in Reducing Central Systolic Blood Pressure in Hypertensive Patients With Diabetes. <i>Journal of Clinical Hypertension</i> , <b>2016</b> , 18, 528-35	2.3	8
157	Type 2 diabetes compromises the value of non-invasively measured augmentation index in predicting the severity of coronary artery disease: a hospital-based observational study. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 216	2.3	2
156	Dipeptidyl peptidase-4 inhibitors improve arterial stiffness, blood pressure, lipid profile and inflammation parameters in patients with type 2 diabetes mellitus. <b>2016</b> , 8, 26		33
155	Association of serum leptin levels with central arterial stiffness in coronary artery disease patients. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 80	2.3	42
154	Arterial stiffness, atherosclerosis and cardiovascular risk: Pathophysiologic mechanisms and emerging clinical indications. <b>2016</b> , 77, 1-7		228
153	Brachial-to-radial systolic blood pressure amplification in patients with type 2 diabetes mellitus. <b>2016</b> , 30, 404-9		6
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147	Sedentary Behavior and Arterial Stiffness in Adults with and without Metabolic Syndrome. <b>2017</b> , 38, 396-401		10
146	Serum glycated albumin, glycated hemoglobin, and arterial stiffness in a general Chinese population. <b>2017</b> , 468, 33-38		5
145	Incorporating freeze-dried strawberry powder into a high-fat meal does not alter postprandial vascular function or blood markers of cardiovascular disease risk: a randomized controlled trial. <b>2017</b> , 105, 313-322		20
144	Inactive Matrix Gla-Protein and Arterial Stiffness in Type 2 Diabetes Mellitus. <b>2017</b> , 30, 196-201		34
143	Neutrophil-Lymphocyte ratio and Platelet-Lymphocyte ratio as useful predictive markers of prediabetes and diabetes mellitus. <b>2017</b> , 11 Suppl 1, S127-S131		67

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138	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , <b>2017</b> , 70, 729-735	8.5	15
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135	A health profile associated with excessive alcohol use independently predicts aortic stiffness over 10 years in black South Africans. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 2268-2275	1.9	6
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128	Cohort Profile: The Hoorn Studies. <b>2018</b> , 47, 396-396j		18
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126	Clinical implications of combined glucose intolerance in treatment-naße hypertensive patients. <i>Clinical and Experimental Hypertension</i> , <b>2018</b> , 40, 762-771	2.2	1
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124	Association of time spent in physical activities and sedentary behaviors with carotid-femoral pulse wave velocity: A systematic review and meta-analysis. <b>2018</b> , 269, 211-218	25
123	Regional arterial stiffness in central and peripheral arteries is differentially related to endothelial dysfunction assessed by brachial flow-mediated dilation in metabolic syndrome. <b>2018</b> , 15, 106-113	8
122	Arterial Distensibility, Physical Activity, and the Metabolic Syndrome. <b>2018</b> , 20, 39	10
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107	Utility of Tissue Inhibitor Metalloproteinase-1 and Osteopontin as Prospective Biomarkers of Early Cardiovascular Complications in Type 2 Diabetes. <b>2018</b> , 6, 314-319	2

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85	Association of Low Serum l-Carnitine Levels with Aortic Stiffness in Patients with Non-Dialysis Chronic Kidney Disease. <b>2020</b> , 12,		2
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