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Echocardiographic determination of left ventricular mass in man. Anatomic validation of the method

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2295	Echocardiographic and clinical correlations in systemic hyper-tension. <b>1978</b> , 6, 95-9		13
2294	Measurements of left ventricular wall thickness and systolic thickening by M mode echocardiography: interobserver and inpatient variability. <b>1978</b> , 6, 252-8		11
2293	Bibliography of diagnostic uses of ultrasound in medicine and biology from 1 January 1971. No. 11. <b>1978</b> , 3, 393-417		
2292	Problems in ultrasonic estimates of septal thickness. <b>1978</b> , 42, 89-96		26
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2095	Electrocardiographic detection of left ventricular hypertrophy in the presence of left anterior fascicular block. <b>1988</b> , 61, 1098-101	17
2094	Usefulness of echocardiographic left ventricular hypertrophy in predicting new coronary events and atherothrombotic brain infarction in patients over 62 years of age. <b>1988</b> , 61, 1130-2	63
2093	Relation of concentric left ventricular hypertrophy and extracardiac target organ damage to supranormal left ventricular performance in established essential hypertension. <b>1988</b> , 62, 246-52	59
2092	Noninvasive study of cardiac structure and function after rilmenidine for essential hypertension. <b>1988</b> , 61, 72D-75D	14
2091	Reduction of left ventricular hypertrophy in hypertensive patients after treatment with celiprolol. <b>1988</b> , 61, 55C-56C	9
2090	Hemodynamic, humoral and volume findings in systemic hypertension with isolated ventricular septal hypertrophy. <b>1988</b> , 62, 1053-7	11
2089	Usefulness of echocardiographic left ventricular hypertrophy, ventricular tachycardia and complex ventricular arrhythmias in predicting ventricular fibrillation or sudden cardiac death in elderly patients. <b>1988</b> , 62, 1124-5	86
2088	Left ventricular hypertrophy in cyclosporine-induced systemic hypertension after cardiac transplantation. <b>1988</b> , 62, 1140-2	33
2087	Electrocardiographic diagnosis of left ventricular hypertrophy in the presence of complete right bundle branch block. <b>1988</b> , 62, 590-3	12
2086	Effect of mitral regurgitation on diastolic filling with left ventricular hypertrophy. <b>1988</b> , 61, 590-4	37
2085	Accuracy of the RV6:RV5 voltage ratio for increased left ventricular mass. <b>1988</b> , 62, 985-7	16
2084	Cardiac function in systemic hypertension before and after reversal of left ventricular hypertrophy. <b>1988</b> , 62, 745-50	66
2083	Electrocardiographic estimate of left ventricular mass versus radiographic cardiac size and the risk of cardiovascular disease mortality in the epidemiologic follow-up study of the First National Health and Nutrition Examination Survey. <b>1988</b> , 62, 59-66	143

2082	Relationship between ambulatory and exercise blood pressure and cardiac structure. <b>1988</b> , 116, 1124-33	53
2081	Coronary artery disease in blacks of lower socioeconomic status: angiographic findings from the Cook County Hospital Heart Disease Registry. <b>1988</b> , 116, 90-7	30
2080	Sudden increase in left ventricular mass secondary to acute myocarditis. <b>1988</b> , 116, 200-2	1
2079	Electrocardiographic diagnosis of exercise-induced left ventricular hypertrophy. <b>1988</b> , 116, 784-90	36
2078	Antimitochondrial autoantibodies in myocardial hypertrophy: comparison between hypertrophic cardiomyopathy, hypertensive heart disease, and athlete's heart. <b>1988</b> , 116, 496-500	11
2077	Preliminary experience in the use of ultrafast computed tomography to diagnose aortic valve stenosis. <b>1988</b> , 115, 665-71	16
2076	Cardiac pathophysiology and its heterogeneity in patients with established hypertensive disease. The first Robert C. Tarazi lecture. <b>1988</b> , 84, 3-11	9
2075	Assessment of ventricular function in arterial hypertension with radionuclide ventriculography. <b>1988</b> , 84, 133-5	4
2074	Constitutional and echocardiographic variability of the normal electrocardiogram in children. <b>1988</b> , 21, 231-7	5
2073	Hypertrophic and functional response to experimental chronic aortic regurgitation. <b>1988</b> , 20, 239-46	25
2072	Non-invasive evaluation of the long-term results of coarctectomy in childhood. <b>1988</b> , 8, 121-8	2
2071	Acromegalic cardiomyopathy. An echocardiographic study. <b>1988</b> , 11, 159-64	17
2070	Regression of left ventricular hypertrophy during combined atenolol and nifedipine treatment. <b>1988</b> , 35 Suppl 4, 39-43	1
2069	Factors involved in the pathogenesis of hypertensive cardiovascular hypertrophy. A review. <b>1988</b> , 35 Suppl 5, 6-26	20
2068	Comparison between the effects of urapidil and methyldopa on left ventricular hypertrophy and haemodynamics in humans. <b>1988</b> , 35 Suppl 6, 90-7	4
2067	Measurement of left atrial systolic time intervals in hypertensive patients using Doppler echocardiography: relation to fourth heart sound and left ventricular wall thickness. <b>1988</b> , 11, 800-5	17
2066	Relation of blood pressure and body build to left ventricular mass in normotensive and hypertensive employed adults. <b>1988</b> , 12, 996-1004	214
2065	Asymptomatic diabetic cardiomyopathy: a noninvasive study. <b>1988</b> , 4, 183-90	36

2064	Prospective validation of detection and quantitative assessment of chronic aortic regurgitation by a combined echocardiographic and Doppler method. <b>1988</b> , 1, 422-9		8
2063	Left ventricular mass in children and adolescents. <b>1988</b> , 12, 709-11		19
2062	Echocardiographically determined left ventricular mass index in normal children, adolescents and young adults. <b>1988</b> , 12, 703-8		195
2061	Classification of hypertrophied hearts in essential hypertension: evaluation by left ventricular wall stress and adrenergic responses. <b>1988</b> , 59, 244-52		6
2060	Supernormal contractility in primary hypertension without left ventricular hypertrophy. <b>1988</b> , 11, 457-63		72
2059	Echocardiographically detected left ventricular hypertrophy: prevalence and risk factors. The Framingham Heart Study. <b>1988</b> , 108, 7-13		603
2058	Dietary salt intake. A determinant of cardiac involvement in essential hypertension. <i>Circulation</i> , <b>1988</b> , 78, 951-6	16.7	239
2057	Left ventricular mass and exercise responses predict future blood pressure. The Muscatine Study. <b>1988</b> , 12, 206-13		138
2056	Physiologic mechanisms governing hemodynamic responses to positive inotropic therapy in patients with dilated cardiomyopathy. <i>Circulation</i> , <b>1988</b> , 77, 625-37	16.7	124
2055	Cardiopulmonary reflex before and after regression of left ventricular hypertrophy in essential hypertension. <b>1988</b> , 12, 227-37		107
2054	High night blood pressure in treated hypertensive patients: not harmless. <b>1988</b> , 1, 195S-198S		14
2053	Significance of Electrocardiographic Isolated Abnormal Terminal P-Wave Force (Left Atrial Abnormality). <b>1988</b> , 148, 1545		19
2052	Systemic and regional hemodynamic and humoral effects of nitrendipine in essential hypertension. <i>Circulation</i> , <b>1988</b> , 78, 1394-400	16.7	47
2051	Effects of chronic antihypertensive treatment with ketanserin versus metoprolol on blood pressure and large arteries' compliance in humans: a cross-over double-blind study. <b>1988</b> , 28, 332-8		7
2050	Echocardiography, hypertension, and left ventricular mass. <b>1988</b> , 7 Suppl, 89-104		3
2049	Effects of nicardipine on chronic stable effort angina: a non-invasive assessment. <b>1988</b> , 16, 349-58		
2048	Cerebral Infarction and Left Ventricular Mass: A Clinical and Echocardiographic Study. <b>1988</b> ,		
2047	Left ventricular diastolic filling improvement obtained by intravenous verapamil in mild to moderate essential hypertension: a complex effect. <b>1989</b> , 76, 32-41		4

2046	Myocardial hypertrophy and left ventricular diastolic function in hypertensive patients: an echo Doppler evaluation. <b>1989</b> , 10, 611-21		25
2045	Heart Size and Function of Soldiers, Athletes, and Sedentary Men. <b>1989</b> , 154, 153-158		1
2044	The effects of alcoholism on skeletal and cardiac muscle. <b>1989</b> , 320, 409-15		544
2043	Importance of left ventricular mass as a predictor of cardiovascular morbidity in hypertension. <b>1989</b> , 2, 650-4		35
2042	Determination of left ventricular mass by magnetic resonance imaging in hearts deformed by acute infarction. <i>Circulation</i> , <b>1989</b> , 79, 706-11	16.7	137
2041	Cardiac Status After Four Years in a Trial on Nutritional Therapy for High Blood Pressure. <b>1989</b> , 149, 661		4
2040	Average Daily Blood Pressure, Not Office Blood Pressure, Determines Cardiac Function in Patients With Hypertension. <b>1989</b> , 261, 873		205
2039	Prevalence of cardiac structural and functional abnormalities in untreated primary hypertension. <b>1989</b> , 13, 151-62		81
2038	.		
2037	Subclinical cardiac dysfunction in acromegaly: evidence for a specific disease of heart muscle. <b>1989</b> , 62, 185-94		75
2036	Noninvasive evaluation of cardiac performance at rest and during hand-grip in bicyclists and weightlifters after Deconditioning period. <b>1989</b> , 1, 237-248		1
2035	Improved diagnostic performance on the severity of left ventricular hypertrophy with body surface mapping. <i>Circulation</i> , <b>1989</b> , 79, 312-23	16.7	27
2034	Impaired left ventricular functional reserve in hypertensive patients with left ventricular hypertrophy. <b>1989</b> , 14, 1-8		51
2033	Relationship between left ventricular mass and noninvasive monitoring of blood pressure. <b>1989</b> , 2, 631-3		17
2032	Comparison of antihypertensive therapies by noninvasive techniques. <b>1989</b> , 96, 74-9		22
2031	Isolated mitral valve replacement. With Carpentier-Edwards bioprosthesis :independent risk factors for long-term survival and prosthesis failure. <b>1989</b> , 37, 135-42		6
2030	Effects of long-term antihypertensive treatment with tertatolol on diastolic function in hypertensive patients with and without left ventricular hypertrophy. <b>1989</b> , 2, 278S-283S		9
2029	Electrocardiographic criteria for diagnosis of left ventricular hypertrophy in the presence of complete right bundle branch block. <b>1989</b> , 63, 1080-4		19



2028	Effect of enalapril on left ventricular mass and performance in essential hypertension. <b>1989</b> , 63, 1093-7	61
2027	Effect of diltiazem on left ventricular mass and diastolic filling in mild to moderate hypertension. <b>1989</b> , 63, 198-201	62
2026	Pulsed Doppler assessment of left ventricular diastolic filling in children with left ventricular outflow obstruction before and after balloon angioplasty. <b>1989</b> , 63, 231-6	10
2025	Electrocardiographic RV6:RV5 voltage ratio for diagnosis of left ventricular hypertrophy. <b>1989</b> , 63, 252-4	10
2024	Comparison of cardiovascular and skeletal features of primary mitral valve prolapse and Marfan syndrome. <b>1989</b> , 63, 317-21	74
2023	Role of anemia in the pathogenesis of left ventricular hypertrophy in end-stage renal disease. <b>1989</b> , 64, 222-4	119
2022	Influence of transmitral filling dynamics on continuous-wave Doppler assessment of aortic regurgitation by half-time methods. <b>1989</b> , 64, 614-9	7
2021	Noninvasive evaluation of cardiac structure and function in alpinists. <b>1989</b> , 64, 676-9	1
2020	Ability of left ventricular stress-shortening relations, end-systolic stress/volume ratio and indirect indexes to detect severe contractile failure in ischemic or idiopathic dilated cardiomyopathy. <b>1989</b> , 64, 1338-43	33
2019	Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. <b>1989</b> , 64, 45-9	24
2018	Improvement of diastolic function after reversal of left ventricular hypertrophy induced by long-term antihypertensive treatment with tertatolol. <b>1989</b> , 64, 745-51	39
2017	Importance of overweight in studies of left ventricular hypertrophy and diastolic function in mild systemic hypertension. <b>1989</b> , 64, 752-5	13
2016	Impact of age on echocardiographic left ventricular mass in a healthy population (the Framingham Study). <b>1989</b> , 64, 1066-8	161
2015	Effects of age and 24-hour ambulatory blood pressure on rapid left ventricular filling. <b>1989</b> , 63, 1343-7	49
2014	Left ventricular mass changes with nicardipine therapy in essential hypertension. <b>1989</b> , 3, 525-8	3
2013	Doppler echocardiographic analysis of diastolic left ventricular function in dialysis patients and its relation to intradialytic hypotension. <b>1989</b> , 67, 826-32	10
2012	The cardiovascular effects of octreotide treatment in acromegaly: an echocardiographic study. <b>1989</b> , 30, 619-25	76
2011	Heterogeneous signal intensity in magnetic resonance images of hypertrophied left ventricular myocardium. <b>1989</b> , 7, 517-28	1

2010	Regression of left ventricular hypertrophy on long-term treatment with captopril of severe hypertensives refractory to standard triple treatment. <b>1989</b> , 37, 291-4	7
2009	Regression of left ventricular hypertrophy by acebutolol and nifedipine. <b>1989</b> , 3 Suppl 1, 313-7	2
2008	Impact of left ventricular hypertrophy on survival in end-stage renal disease. <b>1989</b> , 36, 286-90	556
2007	Vascular changes in hemodialysis patients in response to recombinant human erythropoietin. <b>1989</b> , 36, 878-82	113
2006	Association between aluminum accumulation and cardiac hypertrophy in hemodialyzed patients. <b>1989</b> , 13, 75-83	23
2005	Limited value of chest radiography in uncomplicated hypertension. <b>1989</b> , 2, 104	2
2004	The effect of chronic antihypertensive therapy on the index of left ventricular mass in patients with essential hypertension. <b>1989</b> , 22, 75-81	7
2003	Usefulness of ophthalmoscopy in mild to moderate hypertension. <b>1989</b> , 1, 1103-6	122
2002	Acute ifosfamide-induced tubular toxicity. <b>1989</b> , 2, 103-4	28
2001	Exercise-induced alterations of signal-averaged electrocardiograms in marathon runners. <b>1989</b> , 118, 1198-202	11
2000	Relationship of atrial natriuretic factor to left ventricular volume and mass. <b>1989</b> , 118, 1236-42	12
1999	Reversal of left ventricular dilatation, hypertrophy, and dysfunction by valve replacement in aortic regurgitation. <b>1989</b> , 118, 553-63	33
1998	Assessment of the daily blood pressure load as a determinant of cardiac function in patients with mild-to-moderate hypertension. <b>1989</b> , 118, 782-95	246
1997	Regression of left ventricular mass is accompanied by improvement in rapid left ventricular filling following antihypertensive therapy with metoprolol. <b>1989</b> , 117, 145-50	59
1996	Quantification of left ventricular myocardial mass in humans by nuclear magnetic resonance imaging. <b>1989</b> , 117, 444-52	55
1995	Long-term evaluation of cilazapril in severe hypertension. <b>1989</b> , 87, 56S-60S	0
1994	Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. <b>1989</b> , 14, 135-42	5
1993	Reproducibility of left ventricular mass measurements by two-dimensional and M-mode echocardiography. <b>1989</b> , 14, 672-6	50

1992	Plasma atrial natriuretic factor in essential hypertension: relation to cardiac size, function and systemic hemodynamics. <b>1989</b> , 14, 715-24; discussion 725-7	51
1991	Echocardiographic evaluation of left ventricular diastolic function. <b>1989</b> , 13, 1027-9	16
1990	Pathophysiologic assessment of left ventricular hypertrophy and strain in asymptomatic patients with essential hypertension. <b>1989</b> , 13, 1377-81	59
1989	Cardiac and peripheral vascular responses to adrenoceptor stimulation and blockade after cardiac transplantation. <b>1989</b> , 14, 1229-38	34
1988	Left subclavian flap aortoplasty for coarctation of the aorta: effects on forearm vascular function and growth. <b>1989</b> , 14, 953-9	18
1987	Pulsatile diameter and elastic modulus of the aortic arch in essential hypertension: a noninvasive study. <b>1989</b> , 13, 399-405	208
1986	Alterations in diastolic function in response to progressive left ventricular hypertrophy. <b>1989</b> , 13, 461-7	63
1985	Automated extraction of serial myocardial borders from M-mode echocardiograms. <b>1989</b> , 8, 96-103	20
1984	Echocardiographic insights into the pathophysiology and prognostic significance of hypertensive cardiac hypertrophy. <b>1989</b> , 2, 186S-195S	9
1983	Adrenergic nervous system and left ventricular mass in primary hypertension. <b>1989</b> , 10, 1036-40	22
1982	Regression of left ventricular hypertrophy in treated hypertensive patients with dilevalol and metoprolol--a double blind randomized study. <b>1989</b> , 29, 791-7	3
1981	Left ventricular mass in normotensive subjects. Importance of blood pressure response to activity. <b>1989</b> , 2, 78-80	12
1980	Left ventricular mass and incidence of coronary heart disease in an elderly cohort. The Framingham Heart Study. <b>1989</b> , 110, 101-7	535
1979	Differences in left ventricular adaptation to chronic mitral and aortic regurgitation. <b>1989</b> , 95, 106-10	5
1978	Chronic aortic insufficiency: factors associated with progression to aortic valve replacement. <b>1989</b> , 110, 587-92	101
1977	Usefulness of echocardiographic left ventricular hypertrophy and silent ischemia in predicting new cardiac events in elderly patients with systemic hypertension or coronary artery disease. <b>1990</b> , 41, 189-93	19
1976	The effect of habitual sustained endurance exercise on cardiac structure and function. <b>1990</b> , 11, 17-22	12
1975	Nonvalvular atrial fibrillation associated with cardioembolic stroke: the role of hypertensive heart disease. <b>1990</b> , 20, 127-34	11

1974	Clinical significance of systolic time intervals in hypertensive patients. <b>1990</b> , 11 Suppl I, 105-13	14
1973	Genetic and environmental influences on echocardiographically determined left ventricular mass in black twins. <b>1990</b> , 3, 538-43	81
1972	Intraventricular septal hypertrophy in type 1 diabetic patients with microalbuminuria or early proteinuria. <b>1990</b> , 7, 126-31	31
1971	Left ventricular hypertrophy in men with normal blood pressure: relation to exaggerated blood pressure response to exercise. <b>1990</b> , 112, 161-6	162
1970	Aortic and large artery compliance in end-stage renal failure. <b>1990</b> , 37, 137-42	278
1969	Association of echocardiographic left ventricular mass with body size, blood pressure and physical activity (the Framingham Study). <b>1990</b> , 65, 371-6	174
1968	Echocardiographic assessment of the left ventricle of endurance athletes just before and after exercise. <b>1990</b> , 65, 1140-4	12
1967	Cardiac and skeletal muscle adaptations to training in systemic hypertension and effect of beta blockade (metoprolol or propranolol). <b>1990</b> , 66, 591-6	23
1966	Improved prediction of left ventricular mass by regression analysis of body surface potential maps. <b>1990</b> , 66, 485-92	17
1965	Left ventricular hypertrophy is associated with worse survival independent of ventricular function and number of coronary arteries severely narrowed. <b>1990</b> , 65, 441-5	174
1964	Effects of nicardipine on left ventricular dimensions and hemodynamics in systemic hypertension. <b>1990</b> , 65, 680-2	9
1963	Effects of left ventricular hypertrophy on the signal-averaged electrocardiogram. <b>1990</b> , 66, 764-6	13
1962	Preoperative left and right ventricular performance in combined aortic and mitral regurgitation and comparison with isolated aortic or mitral regurgitation. <b>1990</b> , 65, 1372-8	32
1961	Left ventricular diastolic function in normotensive adolescents with different genetic risk of hypertension. <b>1990</b> , 13, 115-8	13
1960	Improved diastolic LV filling after acute application of ajmaline in patients with coronary artery disease and normal systolic LV function. <b>1990</b> , 13, 485-9	2
1959	Echocardiographic diagnosis of cardiac allograft rejection. <b>1990</b> , 33, 149-60	36
1958	Improvement in left ventricular hypertrophy and left ventricular diastolic function following verapamil therapy in mild to moderate hypertension. <b>1990</b> , 39, S45-S46	7
1957	Cardiac arrhythmias as correlated with the circadian rhythm of arterial pressure in hypertensive subjects with and without left ventricular hypertrophy. <b>1990</b> , 39, S49-S51	5

1956	Cardiomegaly--what does it mean? A comparison of echocardiographic to radiological cardiac dimensions in children. <b>1990</b> , 11, 181-5	2
1955	Improvement in left ventricular hypertrophy and left ventricular diastolic function following verapamil therapy in mild to moderate hypertension. <b>1990</b> , 39, S45-S46	2
1954	Cardiac arrhythmias as correlated with the circadian rhythm of arterial pressure in hypertensive subjects with and without left ventricular hypertrophy. <b>1990</b> , 39, S49-S51	4
1953	[Significance of microproteinuria for early detection of hypertension-induced end organ damage]. <b>1990</b> , 68, 256-62	7
1952	Regression of left ventricular hypertrophy and systolic function in hypertensive patients during long-term treatment with ketanserin. <b>1990</b> , 4 Suppl 1, 77-80	4
1951	Left ventricular hypertrophy regression and function changes with ketanserin in elderly hypertensives. <b>1990</b> , 4 Suppl 1, 81-4	6
1950	Is left ventricular mass in apparently healthy, normotensive men correlated to maximal blood pressure during exercise?. <b>1990</b> , 11, 241-8	27
1949	Differences in Left Ventricular End-Diastolic Dimensions when Measured at the Q Wave or P Wave in Normal versus Moderately Hypertensive Men. <b>1990</b> , 4, 358-363	2
1948	Mitral Anular Calcification: An Age-Stratified Case-Control Study. <b>1990</b> , 4, 352-357	
1947	Echocardiographie Left Ventricular Mass Measurement in Small Animals: Anatomic Validation in Normal and Aortic Regurgitant Rabbits. <b>1990</b> , 4, 145-153	12
1946	Long-term echocardiographic examinations in chronic hemodialysis patients substituted with recombinant human erythropoietin. <b>1990</b> , 8, 272-8	9
1945	Measurement of cardiac output by M-mode and two-dimensional echocardiography: application to patients with hypertension. <b>1990</b> , 11 Suppl I, 67-78	59
1944	Coronary arteries in physiological hypertrophy: echocardiographic evidence of increased proximal size in elite athletes. <b>1990</b> , 11, 120-6	46
1943	Clinical studies of drug reversal of hypertensive left ventricular hypertrophy. <b>1990</b> , 3, 512-7	57
1942	Reversing cardiac hypertrophy in hypertension. <b>1990</b> , 322, 1388-90	25
1941	Ventricular arrhythmias in hypertensive left ventricular hypertrophy. Relationship to coronary artery disease, left ventricular dysfunction, and myocardial fibrosis. <b>1990</b> , 3, 735-40	138
1940	Lipoprotein and oxygen transport alterations in passive smoking preadolescent children. The MCV Twin Study. <i>Circulation</i> , <b>1990</b> , 81, 586-92	16.7 65
1939	Is the electrocardiogram still useful for detection of left ventricular hypertrophy?. <i>Circulation</i> , <b>1990</b> , 81, 1144-6	16.7 45

1938	Relation of left ventricular hemodynamic load and contractile performance to left ventricular mass in hypertension. <i>Circulation</i> , <b>1990</b> , 81, 25-36	16.7	208
1937	Coronary atherosclerosis is associated with left ventricular dysfunction and dilatation in aortic stenosis. <i>Circulation</i> , <b>1990</b> , 82, 2068-74	16.7	17
1936	Abnormal diastolic function in patients with type 1 diabetes and early nephropathy. <b>1990</b> , 64, 266-71		24
1935	Exercise Training Combined With Antihypertensive Drug Therapy. <b>1990</b> , 263, 2766		52
1934	Determination of right ventricular mass in humans and dogs with ultrafast cardiac computed tomography. <i>Circulation</i> , <b>1990</b> , 82, 202-12	16.7	69
1933	Is standardization of left ventricular chamber elastance necessary?. <i>Circulation</i> , <b>1990</b> , 81, 1826-36	16.7	14
1932	Salt and water retention and calcium blockade in uremia. <i>Circulation</i> , <b>1990</b> , 82, 105-13	16.7	143
1931	ACC/AHA guidelines for the clinical application of echocardiography. A report of the American College of Cardiology/American Heart Association Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures (Subcommittee to Develop Guidelines for the Clinical Application of Echocardiography). <i>Circulation</i> , <b>1990</b> , 82, 2323-45	16.7	34
1930	Early 24-hour blood pressure elevation in normotensive subjects with parental hypertension. <b>1990</b> , 16, 491-7		95
1929	Cardiopulmonary receptor reflexes in normotensive athletes with cardiac hypertrophy. <i>Circulation</i> , <b>1990</b> , 82, 1222-9	16.7	29
1928	Late chronic hemolysis after valve replacement for aortic stenosis. Relation to residual hypertrophy and impaired left ventricular function. <b>1990</b> , 41, 836-47		11
1927	Cardiopulmonary assessment in beta-thalassemia major. <b>1990</b> , 98, 1138-42		123
1926	Is echocardiography an adequate method to evaluate left ventricular hypertrophy regression?. <b>1990</b> , 11 Suppl G, 107-12		15
1925	Echocardiographic measurement of left ventricular mass and volume in normotensive and hypertensive rats. Necropsy validation. <b>1990</b> , 3, 688-96		113
1924	Regression of cardiovascular structural changes--a preventive strategy. <b>1990</b> , 12, 877-96		7
1923	The Value of Noninvasive Measurements in Hypertension. <b>1990</b> , 264, 2798		2
1922	Circadian blood pressure changes and left ventricular hypertrophy in essential hypertension. <i>Circulation</i> , <b>1990</b> , 81, 528-36	16.7	1029
1921	Determinants of sensitivity and specificity of electrocardiographic criteria for left ventricular hypertrophy. <i>Circulation</i> , <b>1990</b> , 81, 815-20	16.7	403

1920	Long-term cardiorespiratory effects of amelioration of renal anaemia by erythropoietin. <b>1990</b> , 335, 489-93	211
1919	Echocardiography as an aid in understanding the electrocardiographic changes of left ventricular hypertrophy, ischemia, and infarction. <b>1990</b> , 601, 61-6	1
1918	Magnetic resonance imaging as a noninvasive standard for the quantitative evaluation of left ventricular mass, ischemia, and infarction. <b>1990</b> , 601, 95-106	15
1917	Relations between posterior wall kinetics during diastole and left ventricular filling. <b>1990</b> , 15, 1587-93	7
1916	Limits of reproducibility of cross-sectional echocardiographic measurement of left ventricular ejection fraction. <b>1990</b> , 28, 67-72	22
1915	Left ventricular mass index and prevalence of heart disease in the population aged 80 years and over. <b>1990</b> , 29, 327-33	3
1914	Prognostic implications of echocardiographically determined left ventricular mass in the Framingham Heart Study. <b>1990</b> , 322, 1561-6	4576
1913	Cardiac structure and function in continuous ambulatory peritoneal dialysis: influence of blood purification and hypercirculation. <b>1990</b> , 119, 344-52	23
1912	Atrial and ventricular arrhythmias in asymptomatic active elderly subjects: correlation with left atrial size and left ventricular mass. <b>1990</b> , 119, 1069-76	50
1911	Survival determinants in black patients with angiographically defined coronary artery disease. <b>1990</b> , 119, 513-9	19
1910	Relation of obesity, high sodium intake, and eccentric left ventricular hypertrophy to left ventricular exercise dysfunction in essential hypertension. <b>1990</b> , 88, 477-85	57
1909	Correlates of diastolic filling abnormalities in hypertension: a Doppler echocardiographic study. <b>1990</b> , 120, 386-91	34
1908	Altered systolic and diastolic function in children after "successful" repair of coarctation of the aorta. <b>1990</b> , 120, 103-9	65
1907	Left ventricular mass regression after aortic valve replacement measured by ultrafast computed tomography. <b>1990</b> , 120, 919-27	30
1906	Hypertensive heart disease: relationship of silent ischemia to coronary artery disease and left ventricular hypertrophy. <b>1990</b> , 120, 928-33	39
1905	Techniques for the determination of left ventricular mass by signal-averaged electrocardiography. <b>1990</b> , 120, 958-63	17
1904	Anatomical validation of two-dimensional echocardiography in the horse. <b>1990</b> , 22, 392-7	19
1903	Left ventricular volume determination in the horse by two-dimensional echocardiography: an in vitro study. <b>1990</b> , 22, 398-402	13

1902	Left ventricular filling in dilated cardiomyopathy: relation to functional class and hemodynamics. <b>1990</b> , 15, 1288-95	261
1901	Effect of systemic hypertension on renal function and left ventricular hypertrophy in heart transplant recipients. <b>1990</b> , 15, 1095-101	35
1900	ACC/AHA guidelines for the clinical application of echocardiography. <b>1990</b> , 16, 1505-1528	21
1899	Effects of captopril and minoxidil on left ventricular hypertrophy in resistant hypertensive patients: a 6 month double-blind comparison. <b>1990</b> , 16, 137-42	44
1898	Cardiac determinants of regression of left ventricular hypertrophy in essential hypertension with antihypertensive treatment. <b>1990</b> , 15, 665-71	28
1897	Echocardiographic evaluation of cardiac structure and function in elderly subjects with isolated systolic hypertension. <b>1991</b> , 17, 422-30	111
1896	Hypertrophy, fibrosis and diastolic dysfunction in early canine experimental hypertension. <b>1991</b> , 17, 530-6	75
1895	Relation of alcohol intake to left ventricular mass: The Framingham Study. <b>1991</b> , 17, 717-21	111
1894	Cross-sectional echocardiography: a window on congestive heart failure in the elderly. <b>1991</b> , 3, 257-62	3
1893	Acromegalic cardiopathy improves after treatment with increasing doses of octreotide. <b>1991</b> , 14, 17-23	53
1892	Regression of increased left ventricular mass by antihypertensives. <b>1991</b> , 42, 945-61	36
1891	Effects of Nebivolol on Left Ventricular Function in Patients with Essential Hypertension. <b>1991</b> , 3, 155-160	6
1890	Left ventricular mechanics in preeclampsia. <b>1991</b> , 121, 1768-75	74
1889	Contractility of the transplanted, denervated human heart. <b>1991</b> , 121, 1480-8	16
1888	Blood pressure and left ventricular anatomy and function after heart transplantation. <b>1991</b> , 122, 1087-94	8
1887	Electrocardiographic diagnosis of left ventricular hypertrophy in the presence of bundle branch block. <b>1991</b> , 122, 818-22	11
1886	Reversal of cardiac and vascular hypertrophy by antihypertensive therapy. <b>1991</b> , 121, 995-8	10
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1884	Echocardiographic assessment of doxazosin on left ventricular mass in patients with essential hypertension. <b>1991</b> , 121, 356-61	12
1883	Left ventricular hypertrophy: diagnosis, prognosis, and management. <b>1991</b> , 121, 148-57	23
1882	Cardiovascular and metabolic characteristics of hypertension. <b>1991</b> , 91, 4S-10S	13
1881	Left ventricular filling and stress response pattern in essential hypertension. <b>1991</b> , 91, 502-6	19
1880	Experimental model of chronic global left ventricular dysfunction secondary to left coronary microembolization. <b>1991</b> , 18, 1794-803	38
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1877	Noninvasive assessment of intrinsic ventricular load dynamics in dilated cardiomyopathy. <b>1991</b> , 17, 112-21	31
1876	Reproducibility of left ventricular myocardial volume and mass measurements by ultrafast computed tomography. <b>1991</b> , 18, 990-6	36
1875	A comparison of left ventricular mass and volume using different echocardiographic conventions. <b>1991</b> , 30, 103-8	4
1874	Limits of reproducibility of cross-sectional echocardiographic measurements of left ventricular muscle mass. <b>1991</b> , 31, 213-6	4
1873	Left ventricular diastolic function in athletes and borderline hypertensives with mild cardiac hypertrophy. <b>1991</b> , 78, 278-81	6
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1871	Antihypertensive drug therapy and regression of left ventricular hypertrophy: a review with a focus on diuretics. <b>1991</b> , 12, 1034-9	34
1870	Twenty-four hour arterial pressure and heart rate as predictors of left-ventricular hypertrophy. <b>1991</b> , 302, 133-7	4
1869	Cardiac structure and function before and after acute and chronic verapamil administration in hypertensive patients. <b>1991</b> , 79, 180-7	2
1868	Left ventricular hypertrophy, compliance and ventricular filling. <b>1991</b> , 19, 103-11	3
1867	Doppler Echocardiographic Analysis of Left Ventricular Diastolic Blood Flow. <b>1991</b> , 8, 547-557	4

1866	Relation of left ventricular mass and geometry to morbidity and mortality in uncomplicated essential hypertension. <b>1991</b> , 114, 345-52	1649
1865	Prevalence of coronary risk factors in elderly blacks and whites. <b>1991</b> , 39, 567-70	19
1864	Plasma endothelin in human essential hypertension. <b>1991</b> , 4, 303-8	185
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1862	Relation between late potentials and echocardiographically determined left ventricular mass in healthy subjects. <b>1991</b> , 67, 425-7	28
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1859	Electrocardiographic correlates with left ventricular morphology in idiopathic dilated cardiomyopathy. <b>1991</b> , 68, 642-7	13
1858	Bivariate genetic analysis of left ventricular mass and weight in pubertal twins (the Medical College of Virginia twin study). <b>1991</b> , 68, 661-8	128
1857	Influence of the arterial blood pressure and nonhemodynamic factors on left ventricular hypertrophy in moderate essential hypertension. <b>1991</b> , 68, 925-9	69
1856	Effects of long-term vasodilator therapy on electrocardiographic abnormalities in chronic aortic regurgitation. <b>1991</b> , 68, 935-9	4
1855	Rarity of preclinical alcoholic cardiomyopathy in chronic alcoholics less than 40 years of age. <b>1991</b> , 67, 183-7	33
1854	Improvement in exercise capacity after correction of anemia in patients with end-stage renal failure. <b>1991</b> , 68, 1060-6	63
1853	Prevalence and severity of valvular aortic stenosis determined by Doppler echocardiography and its association with echocardiographic and electrocardiographic left ventricular hypertrophy and physical signs of aortic stenosis in elderly patients. <b>1991</b> , 67, 776-7	89
1852	Congestive heart failure, coronary events and atherothrombotic brain infarction in elderly blacks and whites with systemic hypertension and with and without echocardiographic and electrocardiographic evidence of left ventricular hypertrophy. <b>1991</b> , 67, 295-9	123
1851	Cardiovascular effects of isradipine in essential hypertension. <b>1991</b> , 68, 65-70	28
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1833	Cardiac hypertrophy and function in asymptomatic acromegaly. <b>1991</b> ,	1
1832	Effects of long-term treatment with prazosin on left ventricular diastolic function in mild to moderate hypertension. <b>1992</b> , 101, 181-6	2
1831	Relationships between cardiac dimensions, anthropometric characteristics and maximal aerobic power (VO <sub>2</sub> max) in young men. <b>1992</b> , 13, 219-24	27

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1801	A cross-sectional study of echocardiographic indices, treadmill exercise capacity and microvascular complications in Nigerian patients with hypertension associated with diabetes mellitus. <b>1992</b> , 9, 899-903	19
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1795	Prevalence of left ventricular hypertrophy and cardiac arrhythmias in borderline hypertension. <b>1992</b> , 5, 570-3	12

1794	Glucose-free fatty acid cycle operates in human heart and skeletal muscle in vivo. <b>1992</b> , 89, 1767-74	225
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1785	Long-term myocardial effects of correction of anemia with recombinant human erythropoietin in aged patients on hemodialysis. <b>1992</b> , 19, 353-7	45
1784	Blood pressure load determines left ventricular mass in essential hypertension. <b>1992</b> , 34, 335-8	28
1783	Left ventricular mass and function in children with severe protein energy malnutrition. <b>1992</b> , 35, 19-25	36
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1781	Ventricular arrhythmias in aortic valve disease: a further marker of impaired left ventricular function. <b>1992</b> , 34, 49-56	16
1780	Separate and joint influences of obesity and mild hypertension on left ventricular mass and geometry: the Framingham Heart Study. <b>1992</b> , 19, 130-4	142
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1753	Left ventricular function after reversal of myocardial hypertrophy in systemic hypertension, and response to acute increase of afterload by cold pressor test. <b>1992</b> , 69, 1439-41	16
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1677	Comparison of left ventricular mass and geometry in black and white patients with essential hypertension. <b>1993</b> , 6, 815-23	96
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1657	Insulin resistance is localized to skeletal but not heart muscle in type 1 diabetes. <b>1993</b> , 264, E756-62	24
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1647	Relation of obesity and gender to left ventricular hypertrophy in normotensive and hypertensive adults. <b>1994</b> , 23, 600-6		320
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1628	Role of glucose intolerance in cardiac diastolic function in essential hypertension. <b>1994</b> , 23, 1002-5		30
1627	Physical training and baroreceptor control of sympathetic nerve activity in humans. <b>1994</b> , 23, 294-301		132
1626	Cardiac and arterial hypertrophy and atherosclerosis in hypertension. <b>1994</b> , 23, 802-9		36
1625	Relative effects of left ventricular mass and conduction disturbance on activation in patients with pathological left ventricular hypertrophy. <b>1994</b> , 71, 548-53		15
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1620	Left ventricular function and specific diabetic complications in other target organs in young insulin-dependent diabetics: an echocardiographic study. <b>1994</b> , 9, 121-8		17
1619	Regression of left ventricular hypertrophy and improvement of renal hemodynamics in hypertensive patients treated with quinapril. <b>1994</b> , 8, 735-40		2
1618	Effects of bisoprolol on left ventricular hypertrophy in essential hypertension. <b>1994</b> , 8, 837-43		5
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1568	The relationship between blood pressure and left ventricular mass in essential hypertension is observed only in the presence of the angiotensin-converting enzyme gene deletion allele. <b>1994</b> ,		
1567	Raised ambulatory blood pressure in type 1 diabetes with incipient microalbuminuria. <b>1994</b> , 11, 877-82		15
1566	Urinary albumin and N-acetyl-beta-D-glucosaminidase excretions in mild hypertension. <b>1994</b> , 7, 965-74		7
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1558	Cardiac hypertrophy in obstructive sleep apnea syndrome. <b>1995</b> , 107, 1538-44	123
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1554	Hypertension and left ventricular hypertrophy in patients with spontaneous subarachnoid hemorrhage. <b>1995</b> , 37, 235-9; discussion 239-40	17
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1550	Noninvasive assessment of left ventricular mass, chamber volume, and contractile function. <b>1995</b> , 20, 364-440	27
1549	Left ventricular hypertrophy is more prevalent in patients with systemic hypertension with extracranial carotid arterial disease than in patients with systemic hypertension without extracranial carotid arterial disease. <b>1995</b> , 76, 192-3	11
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1540	Relation between electrocardiography and echocardiography for left ventricular mass in mild systemic hypertension (results from treatment of mild hypertension study). <b>1995</b> , 75, 1233-1238	89
1539	Assessment of cardiac autonomic control by heart period variability in patients with early-onset familial obesity. <b>1995</b> , 25, 826-32	45
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1537	Left ventricular hypertrophy is associated with a stronger impairment of non-oxidative glucose metabolism in hypertensive patients. <b>1995</b> , 25, 529-33	25
1536	Ventricular hypertrophy in sleep apnoea. <b>1995</b> , 4, 176-181	4
1535	Late effects of anthracycline therapy in childhood in relation to the function of the heart at rest and under physical stress. <b>1995</b> , 154, 340-5	13
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1533	Comparative effects of fosinopril and nifedipine on regression of left ventricular hypertrophy in hypertensive patients: a double-blind study. <b>1995</b> , 9, 141-3	12
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1521	Left ventricular contractility and insulin resistance in essential hypertension. <b>1995</b> , 4, 23-31	7
1520	Transient reduction of human left ventricular mass in carnitine depletion induced by antibiotics containing pivalic acid. <b>1995</b> , 74, 656-9	20
1519	Impaired left ventricular filling in hypertensive left ventricular hypertrophy as a marker of the presence of an arrhythmogenic substrate. <b>1995</b> , 73, 258-62	15
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1516	Reductions in muscle sympathetic nerve activity after long-term metoprolol for dilated cardiomyopathy: preliminary observations. <b>1995</b> , 74, 431-6	18
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1512	Blood pressure variations, hemorheological determinants, and platelet aggregation in hypertensive patients with unstable angina. <b>1995</b> , 17, 1145-56	6
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1498	Differential effects of felodipine and nifedipine on 24-h blood pressure and left ventricular mass. <b>1995</b> , 8, 712-8	8
1497	Systemic hemodynamics and renal function during brain natriuretic peptide infusion in patients with essential hypertension. <b>1995</b> , 8, 799-807	13
1496	Left ventricular diastolic function in hypertensive patients with unstable angina and single coronary artery disease. <b>1995</b> , 8, 837-41	1
1495	The relation between peripheral vascular structure, left ventricular hypertrophy, and ambulatory blood pressure in essential hypertension. <b>1995</b> , 8, 987-96	21
1494	Power spectral analysis of heart period variability in hypertensive patients with left ventricular hypertrophy. <b>1995</b> , 8, 1206-13	21
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1492	Coronary blood flow and myocardial ischaemia in hypertension. <b>1995</b> , 47, 169-72	
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1481	Effect of aging on left ventricular filling in untreated hypertensive patients. <b>1995</b> , 48, 121-9	5
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1278	Echocardiographic criteria of physiological left ventricular hypertrophy in combined strength- and endurance-trained athletes. <b>1997</b> , 13, 43-52	16
1277	Both a calcium antagonist and ACE inhibitor reverse hypertrophy in hypertension but a calcium antagonist also depresses contractility. <b>1997</b> , 11, 27-32	6
1276	Structural analysis of arteriolar and myocardial remodelling in the subendocardial region of patients with hypertensive heart disease and hypertrophic cardiomyopathy. <b>1997</b> , 431, 265-73	53
1275	Abnormal myocardial kinetics of 123I-heptadecanoic acid in subjects with impaired glucose tolerance. <b>1997</b> , 40, 541-9	18
1274	Growth hormone improves cardiac function in rats with experimental myocardial infarction. <b>1997</b> , 27, 517-25	74
1273	Echocardiographic evidence of concentric left ventricular enlargement in female weight lifters. <b>1998</b> , 79, 88-92	25

1272	Left atrial abnormality by electrocardiogram predicts left ventricular hypertrophy by echocardiography in the presence of right bundle-branch block. <b>1998</b> , 21, 109-14	3
1271	Absence of detectable regression of human hypertensive left ventricular hypertrophy following drug treatment for 1 year. <b>1998</b> , 25, 208-15	1
1270	Alteration of carotid circulation in essential hypertensive patients with left ventricular hypertrophy. <b>1998</b> , 12, 173-9	19
1269	The prevalence of silent myocardial ischaemia in patients with white-coat hypertension. <b>1998</b> , 12, 337-41	19
1268	White coat hypertension and target organ involvement: the impact of different cut-off levels on albuminuria and left ventricular mass and geometry. <b>1998</b> , 12, 433-9	18
1267	Vascular and neuroendocrine components in altered blood pressure regulation after surgical repair of coarctation of the aorta. <b>1998</b> , 12, 517-25	13
1266	Effects of losartan on hypertension and left ventricular mass: a long-term study. <b>1998</b> , 12, 505-10	71
1265	Gender specific differences in left ventricular adaptation to obesity and hypertension. <b>1998</b> , 12, 685-91	73
1264	Echocardiographic and Clinical Predictors of Mortality in Chronic Chagas' Disease. <b>1998</b> , 15, 271-278	33
1263	Effects on left ventricular mass and function of low doses of enalapril for systemic hypertension. <b>1998</b> , 81, 87-90	2
1262	Reduction of QT and QTc dispersion during long-term treatment of systemic hypertension with enalapril. <b>1998</b> , 81, 170-4	58
1261	A simple nomogram for determination of echocardiographic left ventricular geometry. <b>1998</b> , 82, 485-9	6
1260	DD genotype of the angiotensin I-converting enzyme gene is a risk factor for early onset of essential hypertension in Japanese patients. <b>1998</b> , 131, 502-6	30
1259	Regression of left ventricular hypertrophy after aortic valve replacement for aortic stenosis with different valve substitutes. <b>1998</b> , 116, 590-8	57
1258	Elevated plasma endothelin-1 levels in sickle cell anemia: relationships to oxygen saturation and left ventricular hypertrophy. <b>1998</b> , 58, 195-9	42
1257	Left Ventricular Systolic and Diastolic Functions in Patients With Sickle Cell Anemia. <b>1998</b> , 7, 185-7	31
1256	Echocardiographic findings, 24-hour electrocardiographic Holter monitoring in patients with rheumatoid arthritis according to Steinbrocker's criteria, functional index, value of Waaler-Rose titre and duration of disease. <b>1998</b> , 17, 369-77	48
1255	Left ventricular mass regression after implantation of St. Jude Medical cardiac valves in small aortic roots. <b>1998</b> , 22, 740-5	1

1254	Improved quantification of myocardial mass by three-dimensional echocardiography using a deposit contrast agent. <b>1998</b> , 24, 647-53	11
1253	Effects of clonidine on power spectral analysis of heart rate variability in mild essential hypertension. <b>1998</b> , 74, 152-9	15
1252	Diastolic function and insulin resistance in essential hypertension. <b>1998</b> , 66, 293-7	7
1251	[Aging and regression of cardiac hypertrophy in the hypertensive patient]. <b>1998</b> , 19, 870-7	
1250	Angiotensin II type 1 receptor gene polymorphism is associated with increase of left ventricular mass but not with hypertension. <b>1998</b> , 11, 316-21	92
1249	Left ventricular geometric patterns and QT dispersion in borderline and mild hypertension: their evolution and regression. <b>1998</b> , 11, 286-92	21
1248	QT dispersion in dipper- and nondipper-type hypertension. <b>1998</b> , 11, 280-5	24
1247	Effect of antihypertensive treatment on cardiac and subcutaneous artery structure: a comparison between calcium channel blocker and thiazide-based regimens. <b>1998</b> , 11, 263-71	22
1246	Microalbuminuria is an early marker of target organ damage in essential hypertension. <b>1998</b> , 11, 430-8	55
1245	Aging and essential hypertension: effect of left ventricular hypertrophy on cardiac function. <b>1998</b> , 11, 425-9	6
1244	Association Between Left Atrial Enlargement and Target Organ Damage in Essential Hypertension. <b>1998</b> , 11, 732-733	2
1243	Time course of complete normalization of left ventricular hypertrophy during long-term antihypertensive therapy with angiotensin converting enzyme inhibitors. <b>1998</b> , 11, 631-9	36
1242	Effects of an ACE inhibitor and a calcium channel blocker on cardiovascular autonomic nervous system and carotid distensibility in patients with mild to moderate hypertension. <b>1998</b> , 11, 682-9	23
1241	Left ventricular contractile performance, ventriculoarterial coupling, and left ventricular efficiency in hypertensive patients with left ventricular hypertrophy. <b>1998</b> , 11, 1188-98	13
1240	Resting diastolic function and left ventricular mass are related to exercise capacity in hypertensive men but not in women. <b>1998</b> , 11, 1252-7	7
1239	Left ventricular geometry as an independent predictor for extracardiac target organ damage in essential hypertension. <b>1998</b> , 11, 1171-7	34
1238	Cardiovascular abnormalities in never-treated hypertensives according to nondipper status. <b>1998</b> , 11, 1352-7	40
1237	Hancock versus stentless bioprosthesis for aortic valve replacement in patients older than 75 years. <b>1998</b> , 66, S99-103	36

1236	Effect of sustained-release diltiazem on ambulatory blood pressure and left ventricular mass in elderly patients with hypertension. <b>1998</b> , 59, 725-736	0
1235	Left ventricular length-force-shortening relations before and after surgical correction of chronic mitral regurgitation. <b>1998</b> , 31, 180-5	25
1234	Heterogeneous vasomotor responses of coronary conduit and resistance vessels in hypertension. <b>1998</b> , 31, 374-82	36
1233	The associations of body size and body composition with left ventricular mass: impacts for indexation in adults. <b>1998</b> , 32, 451-7	120
1232	Relations between cardiac and vascular structure in patients with primary and secondary hypertension. <b>1998</b> , 32, 985-92	88
1231	Association of chronotropic incompetence with echocardiographic ischemia and prognosis. <b>1998</b> , 32, 1280-6	66
1230	Increased left ventricular mass and hypertrophy are associated with increased risk for sudden death. <b>1998</b> , 32, 1454-9	627
1229	Increased intraventricular velocities: an unrecognized cause of systolic murmur in adults. <b>1998</b> , 32, 1589-95	13
1228	Left atrial and left atrial appendage functional abnormalities in patients with cardioembolic stroke in sinus rhythm and idiopathic atrial fibrillation. <b>1998</b> , 11, 711-9	40
1227	A method for detecting changes in left ventricular mass during variations in filling volume. <b>1998</b> , 11, 356-64	4
1226	Variation of flow propagation velocity with age. <b>1998</b> , 11, 20-5	18
1225	Assessment of left ventricular systolic wall motion velocity with pulsed tissue Doppler imaging: comparison with peak dP/dt of the left ventricular pressure curve. <b>1998</b> , 11, 442-9	134
1224	Physique and echocardiographic dimensions in children, adolescents and young adults. <b>1998</b> , 25, 145-57	3
1223	Microalbuminuria in normotensive patients with autosomal-dominant polycystic kidney disease. <b>1998</b> , 32, 356-9	16
1222	The effect of nisoldipine as compared with enalapril on cardiovascular outcomes in patients with non-insulin-dependent diabetes and hypertension. <b>1998</b> , 338, 645-52	943
1221	Effects of Amlodipine and Lisinopril on Left Ventricular Mass and Diastolic Function in Previously Untreated Patients with Mild to Moderate Diastolic Hypertension. <b>1998</b> , 7, 109-117	14
1220	Distinct vasodilation, without reflex neurohormonal activation, induced by barnidipine in hypertensive patients. <b>1998</b> , 1, 9-14	17
1219	Abnormalities of the extracellular degradation of collagen type I in essential hypertension. <i>Circulation</i> , <b>1998</b> , 98, 535-40	16.7 272

1218	Regression of left ventricular hypertrophy results in improvement of QT dispersion in patients with hypertension. <b>1998</b> , 136, 765-8		56
1217	Progressive deterioration of coronary flow reserve after heart transplantation. <b>1998</b> , 136, 504-9		14
1216	Selection bias in clinical research when subjects are excluded because of failure to estimate left ventricular mass by echocardiography. <b>1998</b> , 11, 1050-5		9
1215	Left ventricular diastolic properties of hypertensive patients measured by pulsed tissue Doppler imaging. <b>1998</b> , 11, 1106-12		84
1214	Beneficial impact of ramipril on left ventricular hypertrophy in normotensive nonalbuminuric NIDDM patients. <b>1998</b> , 21, 804-9		21
1213	Echocardiographic evaluation of cardiac structure and function in broiler and Leghorn chickens. <b>1998</b> , 77, 1045-50		32
1212	Reproducibility and clinical value of the trough-to-peak ratio of the antihypertensive effect: evidence from the sample study. <b>1998</b> , 32, 424-9		30
1211	Screening for atrial fibrillation in primary care. <b>1998</b> , 79, 50-5		63
1210	Endocrinology of Pregnancy. <b>1998</b> ,		7
1209	Mitral regurgitation: impaired systolic function, eccentric hypertrophy, and increased severity are linked to lower phosphocreatine/ATP ratios in humans. <i>Circulation</i> , <b>1998</b> , 97, 1716-23	16.7	86
1208	Relation among left ventricular mass, insulin resistance, and blood pressure in nonobese subjects. <b>1998</b> , 83, 4284-8		51
1207	Hyperinsulinaemia, regional adipose tissue distribution and left ventricular mass in normotensive, elderly, obese subjects. <b>1998</b> , 19, 326-31		37
1206	Impact of recombinant human erythropoietin treatment on left ventricular hypertrophy and cardiac function in dialysis patients. <b>1998</b> , 16, 317-24		17
1205	Normotensive Offspring of Hypertensive Parents: No Evidence of Left Ventricular Diastolic Dysfunction in a Cross-sectional Study. <b>1998</b> , 7, 5-9		
1204	Baroreflex control of sympathetic nerve activity in essential and secondary hypertension. <b>1998</b> , 31, 68-72		400
1203	Low incidence of myocardial recovery after left ventricular assist device implantation in patients with chronic heart failure. <i>Circulation</i> , <b>1998</b> , 98, 2383-9	16.7	350
1202	Carotid arterial stiffness as a predictor of cardiovascular and all-cause mortality in end-stage renal disease. <b>1998</b> , 32, 570-4		478
1201	Enhanced insulin response to oral glucose load in patients with angina pectoris associated with ST segment elevation in the absence of epicardial coronary arterial obstruction. <b>1998</b> , 49, 815-26		3

1200	Increased left ventricular mass in normotensive type 1 diabetic patients with diabetic nephropathy. <b>1998</b> , 21, 1534-9		16
1199	Tracking of left ventricular mass in children: race and sex comparisons: the MCV Twin Study. Medical College of Virginia. <i>Circulation</i> , <b>1998</b> , 97, 1901-6	16.7	56
1198	Echocardiographic predictors of stroke in patients with atrial fibrillation: a prospective study of 1066 patients from 3 clinical trials. <b>1998</b> , 158, 1316-20		246
1197	Influence of biochemical alterations on arterial stiffness in patients with end-stage renal disease. <b>1998</b> , 18, 535-41		175
1196	Ethnic differences in the hypertensive heart and 24-hour blood pressure profile. <b>1998</b> , 31, 1190-4		52
1195	Association of a G994->T missense mutation in the plasma platelet-activating factor acetylhydrolase gene with genetic susceptibility to nonfamilial dilated cardiomyopathy in Japanese. <i>Circulation</i> , <b>1998</b> , 98, 1881-5	16.7	55
1194	Hypertensive vascular disease as a cause of death in blacks versus whites: autopsy findings in 587 adults. <b>1998</b> , 31, 1070-6		15
1193	Familial hypertrophic cardiomyopathy. Cardiac ultrasonic abnormalities in genetically affected subjects without echocardiographic evidence of left ventricular hypertrophy. <b>1998</b> , 19, 490-9		26
1192	Myocardial structure as a determinant of pre- and postoperative ventricular function and long-term prognosis after valve replacement for aortic stenosis. <b>1998</b> , 19, 1099-108		52
1191	Changes in left ventricular structure and function in patients with white coat hypertension: cross sectional survey. <b>1998</b> , 317, 565-70		57
1190	Atherosclerosis and left ventricular hypertrophy: persisting problems in treated hypertensive patients. <b>1998</b> , 16, 1389-95		15
1189	Relation of left ventricular midwall function to cardiovascular risk factors and arterial structure and function. <b>1998</b> , 31, 929-36		92
1188	Various ways of calculating echocardiographic left ventricular mass and their relative prognostic values. <b>1998</b> , 16, 1201-6		7
1187	Aortic valve replacement with a small mechanical valve prosthesis--a clinical and echocardiographic study of a St Jude Medical valve prosthesis. <b>1998</b> , 62, 244-8		8
1186	Time Course of Complete Normalization of Left Ventricular Hypertrophy During Long-Term Antihypertensive Therapy With Angiotensin Converting Enzyme Inhibitors. <b>1998</b> ,		0
1185	Vascular structure in the forearm and calf after 6 months of angiotensin converting enzyme inhibition in elderly hypertensive subjects with left ventricular hypertrophy. <b>1998</b> , 16, 673-9		11
1184	Structural association between the carotid artery and the left ventricle in a general population in Northern Italy: the Vobarno study. <b>1998</b> , 16, 1805-12		24
1183	Effects of nitrendipine and enalapril on left ventricular mass in patients with non-insulin-dependent diabetes mellitus and hypertension. <b>1998</b> , 16, 689-96		19

1182	Assessment of prevalence of left ventricular hypertrophy in hypertension. <b>1998</b> , 16, 715-23	36
1181	Centralized echocardiogram quality control in a multicenter study of regression of left ventricular hypertrophy in hypertension. <b>1998</b> , 16, 531-5	19
1180	The smoothness index: a new, reproducible and clinically relevant measure of the homogeneity of the blood pressure reduction with treatment for hypertension. <b>1998</b> , 16, 1685-91	157
1179	Reproducibility and clinical value of nocturnal hypotension: prospective evidence from the SAMPLE study. Study on Ambulatory Monitoring of Pressure and Lisinopril Evaluation. <b>1998</b> , 16, 733-8	173
1178	Normal values for ambulatory blood pressure and differences between casual blood pressure and ambulatory blood pressure: results from a Danish population survey. <b>1998</b> , 16, 1415-24	75
1177	Power spectral analysis of the heart rate in hypertensive patients with and without left ventricular hypertrophy: the effect of a left ventricular mass reduction. <b>1998</b> , 16, 1641-50	8
1176	Clinical impact of various geometric models for calculation of echocardiographic left ventricular mass. <b>1998</b> , 16, 1207-14	18
1175	Autonomic modulation of heart rate and blood pressure in hypertensive subjects with symptoms of anxiety. <b>1998</b> , 95, 43-52	23
1174	Autonomic modulation of heart rate and blood pressure in hypertensive subjects with symptoms of anxiety. <b>1998</b> , 95, 43	8
1173	Myocardial metabolic abnormalities in hypertrophic cardiomyopathy assessed by iodine-123-labeled beta-methyl-branched fatty acid myocardial scintigraphy and its relation to exercise-induced ischemia. <b>1998</b> , 62, 167-72	32
1172	Long-term effects of delapril hydrochloride on procollagen type III amino-terminal peptide, left ventricular mass and left ventricular function in hypertensive patients. <b>1998</b> , 62, 900-2	2
1171	Relation between coronary blood flow and left ventricular mass in hypertension: noninvasive quantification of coronary blood flow by thallium-201 myocardial scintigraphy. <b>1998</b> , 21, 227-34	17
1170	Relationship between electrocardiographic voltage and geometric patterns of left ventricular hypertrophy in patients with essential hypertension. <b>1998</b> , 21, 259-66	13
1169	Assessment of the coronary artery disease and systolic dysfunction in hypertensive patients with the dobutamine-atropine stress echocardiography: effect of the left ventricular hypertrophy. <b>1998</b> , 89, 52-8	15
1168	Effect of major improvement in glycemic control on results of cardiovascular function tests in patients with insulin-dependent diabetes mellitus. <b>1998</b> , 4, 76-81	1
1167	Plasma concentration of brain natriuretic peptide as an indicator of cardiac ventricular function in patients on hemodialysis. <b>1998</b> , 18, 411-5	48
1166	Organ-tissue mass measurement allows modeling of REE and metabolically active tissue mass. <b>1998</b> , 275, E249-58	212
1165	Enalaprilat improves the impaired left ventricular pump function during exercise in hypertensives with coronary microangiopathy and with coronary artery disease. <b>1998</b> , 21, 452-8	



1164	Effect of endurance training on cardiac morphology in Alaskan sled dogs. <b>1998</b> , 85, 1368-75	47
1163	Myocardial blood flow, oxygen consumption, and fatty acid uptake in endurance athletes during insulin stimulation. <b>1999</b> , 277, E585-90	13
1162	Circulating N-terminal pro-atrial natriuretic peptide is an independent predictor of left ventricular hypertrophy in the general population. The Tromsø Study. <b>1999</b> , 20, 755-63	28
1161	Insulin action on heart and skeletal muscle glucose uptake in weight lifters and endurance athletes. <b>1999</b> , 276, E706-11	24
1160	Effects of spironolactone and angiotensin-converting enzyme inhibitor on left ventricular hypertrophy in patients with essential hypertension. <b>1999</b> , 22, 17-22	60
1159	Serum creatinine level underestimates hypertensive renal involvement in elderly patients with essential hypertension. <b>1999</b> , 22, 297-301	5
1158	Angiotensin-converting enzyme gene polymorphism and geometric patterns of hypertensive left ventricular hypertrophy. <b>1999</b> , 40, 589-98	6
1157	Prevalence of left ventricular hypertrophy in a general population; The Tromsø Study. <b>1999</b> , 20, 429-38	73
1156	Ambulatory blood pressure monitoring in patients receiving long, slow home haemodialysis. <b>1999</b> , 14, 2676-9	48
1155	Association of hyperphosphataemia with haemodynamic disturbances in end-stage renal disease. <b>1999</b> , 14, 2178-83	89
1154	Long-term effects of balloon angioplasty on systemic hypertension in adolescent and adult patients with coarctation of the aorta. <b>1999</b> , 20, 827-32	18
1153	Acute and chronic effects of airway obstruction on canine left ventricular performance. <b>1999</b> , 160, 1888-96	129
1152	A comparison of MRI and echocardiography in hypertrophic cardiomyopathy. <b>1999</b> , 72, 258-64	63
1151	Diastolic dysfunction and baroreflex sensitivity in hypertension. <b>1999</b> , 33, 1141-5	16
1150	Aortic valve replacement with the freestyle stentless bioprosthesis: five-year experience. <i>Circulation</i> , <b>1999</b> , 100, 1117-23	16.7 30
1149	Autonomic modulation and QT interval dispersion in hypertensive subjects with anxiety. <b>1999</b> , 34, 242-6	41
1148	Cardiac growth factors in human hypertrophy. Relations with myocardial contractility and wall stress. <b>1999</b> , 85, 57-67	102
1147	Step-down of enalapril treatment for arterial hypertension. <b>1999</b> , 34, 1287-92	1

1146	Haemodynamic performance of aortic pericardial bioprostheses and bileaflet prostheses at rest and during exercise: implications for the surgical management of patients with small aortic roots. <b>1999</b> , 82, 149-55		7
1145	Myocardial oxygen consumption is unchanged but efficiency is reduced in patients with essential hypertension and left ventricular hypertrophy. <i>Circulation</i> , <b>1999</b> , 100, 2425-30	16.7	75
1144	Cell death in acromegalic cardiomyopathy. <i>Circulation</i> , <b>1999</b> , 99, 1426-34	16.7	93
1143	The effects of cardioplegia on coronary pressure-flow velocity relationships during aortic valve replacement. <b>1999</b> , 16, 324-30		6
1142	Assessment of arterial compliance by carotid midwall strain-stress relation in hypertension. <b>1999</b> , 33, 793-9		14
1141	Prospectively randomized evaluation of stentless versus conventional biological aortic valves: impact on early regression of left ventricular hypertrophy. <i>Circulation</i> , <b>1999</b> , 100, 116-10	16.7	81
1140	Insulin and diastolic dysfunction in lean and obese hypertensives: genetic influence. <b>1999</b> , 34, 1208-14		20
1139	Early detection of anthracycline-induced cardiotoxicity by radionuclide angiocardiology. <b>1999</b> , 50, 37-45		31
1138	QT dispersion is reduced after valve replacement in patients with aortic stenosis. <b>1999</b> , 82, 15-8		15
1137	Impaired force-frequency relations in patients with hypertensive left ventricular hypertrophy. A possible physiological marker of the transition from physiological to pathological hypertrophy. <i>Circulation</i> , <b>1999</b> , 99, 1822-30	16.7	38
1136	Stroke volume/pulse pressure ratio and cardiovascular risk in arterial hypertension. <b>1999</b> , 33, 800-5		211
1135	Relation between body fat-corrected ECG voltage and ambulatory blood pressure in patients with essential hypertension. <b>1999</b> , 33, 1159-63		13
1134	Echocardiographic examination of cardiac structure and function in elite cross trained male and female Alpine skiers. <b>1999</b> , 33, 93-8; discussion 99		34
1133	QT Interval and QT Dispersion Before and After Diet Therapy in Patients with Simple Obesity. <b>1999</b> , 220, 133-138		33
1132	Relationship between left ventricular mass and endothelium-dependent vasodilation in never-treated hypertensive patients. <i>Circulation</i> , <b>1999</b> , 99, 1991-6	16.7	86
1131	Doppler-derived mitral deceleration time: an early strong predictor of left ventricular remodeling after reperfused anterior acute myocardial infarction. <i>Circulation</i> , <b>1999</b> , 99, 230-6	16.7	111
1130	Hypertensive left ventricular hypertrophy is linked to an enhanced catecholamine response to submaximal exercise. <b>1999</b> , 29, 594-602		3
1129	Lack of effects of transdermal estradiol on diastolic function: a randomized placebo-controlled double-blind short-term trial. <b>1999</b> , 2, 174-80		9

1128	Impact of aortic stiffness on survival in end-stage renal disease. <i>Circulation</i> , <b>1999</b> , 99, 2434-9	16.7	1756
1127	Characterization of different subsets of atrial fibrillation in general practice in France: the ALFA study. The College of French Cardiologists. <i>Circulation</i> , <b>1999</b> , 99, 3028-35	16.7	444
1126	No serious late cardiac effects after adjuvant radiotherapy following mastectomy in premenopausal women with early breast cancer. <b>1999</b> , 43, 745-54		38
1125	Left ventricular mass and heart rate variability in middle-aged and elderly salt-sensitive hypertensive subjects. <b>1999</b> , 28, 159-77		7
1124	Echocardiographic studies on elderly patients with white coat hypertension to evaluate cardiac organ damages. <b>1999</b> , 29, 127-38		2
1123	Fosinopril reduces left ventricular mass in untreated hypertensive patients: a controlled trial. <b>1999</b> , 47, 179-87		10
1122	Left ventricular hypertrophy in primary hyperparathyroidism. Effects of successful parathyroidectomy. <b>1999</b> , 50, 321-8		157
1121	Left atrial systolic function is depressed in idiopathic and preserved in ischemic dilated cardiomyopathy. <b>1999</b> , 29, 905-12		36
1120	Sublingual nifedipine in elderly patients: even a low dose induces myocardial ischaemia. <b>1999</b> , 26, 404-10		12
1119	Factors of Importance to Doppler Indexes of Left Ventricular Filling in 50-Year-Old Hypertensive Persons. <b>1999</b> , 16, 539-545		1
1118	Time-Frequency Analysis of Heart Rate Variability in Hypertension: Clinical and Echocardiographic Associations. <b>1999</b> , 4, 27-34		
1117	Value of ambulatory intra-arterial blood pressure monitoring in the long-term prediction of left ventricular hypertrophy and carotid atherosclerosis in essential hypertension. <b>1999</b> , 13, 111-6		20
1116	Reproducibility of ambulatory blood pressure monitoring in daily practice. <b>1999</b> , 13, 303-8		48
1115	Silent myocardial ischaemia in patients with essential arterial hypertension and non-insulin dependent diabetes mellitus. <b>1999</b> , 13, 309-13		8
1114	Left ventricular hypertrophy predicts outcome of hypertension regardless of the type of ventricular arrhythmia present. <b>1999</b> , 13, 617-23		6
1113	Intraventricular dispersion of E wave velocity: an alternative measure of left ventricular diastolic function in hypertensive patients?. <b>1999</b> , 13, 867-9		2
1112	Relation of ambulatory blood pressure load with left ventricular geometry in untreated patients with mild-to-moderate hypertension. <b>1999</b> , 13, 677-82		20
1111	Clinical implications of white coat hypertension: an ambulatory blood pressure monitoring study. <b>1999</b> , 13, 817-22		17

1110	[Left ventricular remodeling after aortic valve replacement]. <b>1999</b> , 88, 283-9	5
1109	[Determination of left ventricular mass by transthoracic three-dimensional echocardiography in patients with dilated cardiomyopathy]. <b>1999</b> , 88, 922-31	3
1108	Cardiovascular effects of a single slow release lanreotide injection in patients with acromegaly and left ventricular hypertrophy. <b>1999</b> , 2, 205-10	22
1107	Left ventricular filling in the hypertensive patient: long-term course and influence of treatment. <b>1999</b> , 22, 472-6	2
1106	Effect of angiotensin-converting enzyme gene polymorphism on left ventricular remodeling after anteroseptal infarction. <b>1999</b> , 22, 587-90	15
1105	Echocardiographic findings and 24-h electrocardiographic Holter monitoring in patients with nodular and non-nodular rheumatoid arthritis. <b>1999</b> , 18, 163-9	43
1104	Prevalence of left ventricular hypertrophy in Type I diabetic patients with diabetic nephropathy. <b>1999</b> , 42, 76-80	27
1103	Cardiac involvement in limited systemic sclerosis: non-invasive assessment in asymptomatic patients. <b>1999</b> , 18, 136-9	17
1102	Left Ventricular Hypertrophy. <b>1999</b> , 1, 219-230	4
1101	QT interval dispersion and autonomic modulation in subjects with anxiety. <b>1999</b> , 133, 461-8	27
1100	Ambulatory blood pressure monitoring and echocardiography--noninvasive techniques for evaluation of the hypertensive patient. <b>1999</b> , 41, 397-440	12
1099	Effect of oxymetholone on left ventricular dimensions in heart failure secondary to idiopathic dilated cardiomyopathy or to mitral or aortic regurgitation. <b>1999</b> , 83, 123-5, A9	22
1098	Relation of left ventricular hypertrophy and geometry to asymptomatic cerebrovascular damage in essential hypertension. <b>1999</b> , 83, 367-70	52
1097	Maintenance of blood pressure control and left ventricular performance with small doses of enalapril. <b>1999</b> , 83, 719-23	1
1096	Relation of exercise capacity to left ventricular systolic function and diastolic filling in idiopathic or ischemic dilated cardiomyopathy. <b>1999</b> , 83, 728-34	67
1095	Effects of combination antihypertensive therapy on baroreflex sensitivity and heart rate variability in systemic hypertension. <b>1999</b> , 83, 885-9	40
1094	Effect of hormone replacement therapy on left ventricular hypertrophy. <b>1999</b> , 83, 1132-4, A9	41
1093	Prevalence, predictors, and prognosis of reversal of maladaptive remodeling with intensive medical therapy in idiopathic dilated cardiomyopathy. <b>1999</b> , 84, 671-6	59

1092	The effect of long-term training on age-related left ventricular changes by Doppler myocardial velocity gradient. <b>1999</b> , 84, 1061-7	31
1091	Comparison of left ventricular mass and function in obese versus nonobese women . <b>1999</b> , 84, 1127-9, A11	26
1090	QT interval and QT dispersion before and after diet therapy in patients with simple obesity. <b>1999</b> , 220, 133-8	38
1089	Elevated circulating cardiac troponin I in patients with cirrhosis. <b>1999</b> , 29, 640-3	83
1088	Coronary and peripheral artery remodeling in patients undergoing PTCA: An intracoronary and transcutaneous ultrasound study. <b>1999</b> , 48, 12-7	4
1087	Effects of pregnancy and chronic exercise on maternal cardiac structure and function. <b>1999</b> , 77, 909-917	29
1086	Left ventricular mass regression with amlodipine in elderly hypertensives. <b>1999</b> , 21, 113-9	3
1085	Left ventricular morphology and function in endurance-trained female athletes. <b>1999</b> , 17, 633-42	28
1084	Effect of long-term eprosartan versus enalapril antihypertensive therapy on left ventricular mass and coronary flow reserve in stage I-II hypertension. Eprosartan Study Group. <b>1999</b> , 15, 1-8	18
1083	Impaired adaptation of cardiopulmonary receptors to Western diet in normotensive black immigrants. <b>1999</b> , 12, 145-50	9
1082	Frequency and determinants of white coat hypertension in mild to moderate hypertension: a primary care-based study. Monitorizaci3n Ambulatoria de la Presi3n Arterial (MAPA)-Area 5 Working Group. <b>1999</b> , 12, 251-9	59
1081	Left ventricular mass, carotid wall thickness, and angiotensinogen gene polymorphism in patients with hypertension. <b>1999</b> , 12, 443-50	35
1080	Deletion polymorphism of the angiotensin converting enzyme gene is associated with an increase in left ventricular mass in men with type 2 diabetes mellitus. <b>1999</b> , 12, 637-42	16
1079	Ethnic differences in the identification of left ventricular hypertrophy in the hypertensive patient. <b>1999</b> , 12, 437-42	58
1078	A weight reduction and weight maintenance program with long-lasting improvement in left ventricular mass and blood pressure. <b>1999</b> , 12, 682-90	16
1077	Relation of plasma brain and atrial natriuretic peptides to left ventricular geometric patterns in essential hypertension. <b>1999</b> , 12, 921-4	43
1076	Effect of reflection of arterial pressure on carotid circulation in essential hypertension. <b>1999</b> , 12, 1015-20	20
1075	Is high blood pressure a late manifestation of the hypertension syndrome?. <b>1999</b> , 12, 215S-223S	19

1074	Lack of correlation between left ventricular mass and diameter of left coronary artery main trunk in hypertensive patients. <b>1999</b> , 12, 1163-8	18
1073	Determinants of left ventricular mass in untreated mildly hypertensive subjects: hospitalet study in mild hypertension. <b>1999</b> , 12, 1084-90	20
1072	Chaos and spectral analyses of heart rate variability during head-up tilting in essential hypertension. <b>1999</b> , 76, 153-8	24
1071	Echocardiographic features and QT dispersion in borderline isolated systolic hypertension in the elderly. <b>1999</b> , 68, 317-23	7
1070	Left ventricular remodelling: common process in patients with different primary myocardial disorders. <b>1999</b> , 68, 281-7	42
1069	Brain natriuretic peptide as a marker of cardiac involvement in hypertension. <b>1999</b> , 69, 169-77	27
1068	Cardiac effects of exercise rehabilitation in hemodialysis patients. <b>1999</b> , 70, 253-66	102
1067	Effects of the angiotensin II antagonist losartan on endothelin-1 and norepinephrine plasma levels during cold pressor test in patients with chronic heart failure. <b>1999</b> , 70, 293-301	20
1066	Pulmonary autograft replacement of the bicuspid aortic valve: a successful surgical option for young adults. <b>1999</b> , 71, 115-20	9
1065	The acute effects of sublingual estradiol on left ventricular diastolic function in normotensive and hypertensive postmenopausal women. <b>1999</b> , 33, 145-52	12
1064	Atherosclerosis profile and microalbuminuria in essential hypertension. <b>1999</b> , 34, 996-1001	27
1063	Cardiovascular complications in patients with primary aldosteronism. <b>1999</b> , 33, 261-6	130
1062	Echocardiographic evaluation in patients with autosomal dominant polycystic kidney disease and end-stage renal disease. <b>1999</b> , 34, 264-72	4
1061	Maternally transmitted susceptibility to non-insulin-dependent diabetes mellitus and left ventricular hypertrophy. <b>1999</b> , 33, 1372-8	9
1060	Cardiovascular and renal function in normotensive and hypertensive patients with compensated cirrhosis: effects of posture. <b>1999</b> , 30, 632-8	38
1059	The relationship of myocardial stroke work to coronary flow velocity immediately after aortic valve replacement. <b>1999</b> , 67, 705-10	5
1058	Normalization of left ventricular dimensions after Ross operation with aortic annular reduction. <b>1999</b> , 68, 812-8; discussion 818-9	13
1057	The Edwards Prima stentless valve: hemodynamic performance at one year. <b>1999</b> , 68, 2147-51	13

1056	Two-dimensional echocardiography with a 15-MHz transducer is a promising alternative for in vivo measurement of left ventricular mass in mice. <b>1999</b> , 12, 70-5	54
1055	What determines echogenicity in a general population? The Tromsø Study. <b>1999</b> , 12, 314-8	9
1054	Pitfalls in Doppler evaluation of diastolic function: insights from 3-dimensional magnetic resonance imaging. <b>1999</b> , 12, 817-26	47
1053	Potential use of transthoracic echocardiography in the assessment of coronary flow reserve. <b>1999</b> , 12, 590-5	14
1052	Detection of myocardial injury during transvenous implantation of automatic cardioverter-defibrillators. <b>1999</b> , 34, 402-8	116
1051	Comparison of stress/rest myocardial perfusion tomography, dipyridamole and dobutamine stress echocardiography for the detection of coronary disease in hypertensive patients with chest pain and positive exercise test. <b>1999</b> , 34, 441-7	108
1050	How reliable are serial echocardiographic measurements in detecting regression in left ventricular hypertrophy and changes in function?. <b>1999</b> , 34, 1633-6	18
1049	QT dispersion in athletic left ventricular hypertrophy. <b>1999</b> , 137, 678-81	26
1048	Association of left ventricular dilatation and hypertrophy with chronotropic incompetence in the Framingham Heart Study. <b>1999</b> , 137, 903-9	37
1047	Left atrial diameter in nonvalvular atrial fibrillation: An echocardiographic study. Stroke Prevention in Atrial Fibrillation Investigators. <b>1999</b> , 137, 494-9	126
1046	Rapid progression of cardiomyopathy in mitochondrial diabetes. <b>1999</b> , 63, 130-2	19
1045	Discrepancies between echocardiographic measurements of left ventricular mass in a healthy adult population. <b>1999</b> , 97, 377-383	8
1044	Discrepancies between echocardiographic measurements of left ventricular mass in a healthy adult population. <b>1999</b> , 97, 377	2
1043	Myocardial diastolic impairment caused by left ventricular hypertrophy involves basal septum more than other walls: analysis by pulsed Doppler tissue imaging. <b>1999</b> , 17, 685-93	41
1042	Comparison of verapamil versus felodipine on heart rate variability in hypertensive patients. <b>1999</b> , 17, 707-13	8
1041	Autonomic function in hypertensive patients with neurovascular compression of the ventrolateral medulla oblongata. <b>1999</b> , 17, 1257-63	31
1040	Clinic-daytime blood pressure difference and cardiovascular damage. <b>1999</b> , 17, 331-7	14
1039	Left ventricular mass correlates with fat-free mass but not fat mass in adults. <b>1999</b> , 17, 569-74	25

1038	Blood pressure control in a hypertension hospital clinic. <b>1999</b> , 17, 835-41	21
1037	Changes in short-term variability of blood pressure and heart rate during the development of obesity-associated hypertension in high-fat fed dogs. <b>1999</b> , 17, 1135-43	53
1036	Impact of nocturnal fall in blood pressure on early cardiovascular changes in essential hypertension. <b>1999</b> , 17, 1339-44	30
1035	Influence of a rapid change of left ventricular dimensions on the echocardiographic measurement of left ventricular mass by the Penn convention. <b>1999</b> , 17, 1323-8	5
1034	Relationship between insulin resistance and cardiac sympathetic nervous function in essential hypertension. <b>1999</b> , 17, 1161-8	32
1033	Impact of arterial elastance as a measure of vascular load on left ventricular geometry in hypertension. <b>1999</b> , 17, 1007-15	60
1032	Type A behavior is associated with an increased risk of left ventricular hypertrophy in male patients with essential hypertension. <b>1999</b> , 17, 115-20	16
1031	Effect of insulin resistance on left ventricular hypertrophy and dysfunction in essential hypertension. <b>1999</b> , 17, 1153-60	38
1030	Sympathetic activation and contribution of genetic factors in hypertension with neurovascular compression of the rostral ventrolateral medulla. <b>1999</b> , 17, 1577-82	21
1029	Left ventricular chamber and wall mechanics in the presence of concentric geometry. <b>1999</b> , 17, 1001-6	70
1028	Cardiac and arterial target organ damage in adults with elevated ambulatory and normal office blood pressure. <b>1999</b> , 131, 564-72	250
1027	Cardiac effects of persistent hemodialysis arteriovenous access in recipients of renal allograft. <b>1999</b> , 92, 236-9	50
1026	Determination of left ventricular mass by echocardiography in normotensive diabetic patients. <b>2000</b> , 64, 921-4	9
1025	The effect of coronary vasospasm on the direction of ST-segment deviation in patients with both hypertrophic cardiomyopathy and vasospastic angina. <b>2000</b> , 117, 1300-8	9
1024	Transesophageal 3-Dimensional Echocardiography: In Vivo Determination of Left Ventricular Mass in Comparison with Magnetic Resonance Imaging. <b>2000</b> , 13, 205-215	33
1023	Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia. <b>2000</b> , 183, 140-147	99
1022	Evaluation of brain natriuretic peptide in the diagnosis of heart failure. <b>2000</b> , 93, 19-25	53
1021	Prospectively randomized comparison of different mechanical aortic valves. <i>Circulation</i> , <b>2000</b> , 102, III1-416.7	24



1020	Cardiac arrhythmias and left ventricular hypertrophy in dipper and nondipper patients with essential hypertension. <b>2000</b> , 64, 499-504	32
1019	Impact of blood pressure control on prevalence of left ventricular hypertrophy in treated hypertensive patients. <b>2000</b> , 93, 149-54	12
1018	Transesophageal dobutamine stress echocardiography in the evaluation of myocardial ischemia in morbidly obese subjects. <b>2000</b> , 117, 657-61	37
1017	Relationship between left ventricular geometry and brain natriuretic peptide levels in elderly subjects. <b>2000</b> , 46, 71-7	29
1016	Sex differences in left ventricular geometry in aortic stenosis: impact on outcome. <b>2000</b> , 117, 1094-9	23
1015	Determinants of left ventricular structure and mass in young subjects with sympathetic over-activity. The Tecumseh Offspring Study. <b>2000</b> , 18, 769-75	19
1014	Peak aerobic performance and left ventricular morphological characteristics in university students. <b>2000</b> , 10, 286-90	4
1013	Prevalence of target organ damage in treated hypertensive patients: different impact of clinic and ambulatory blood pressure control. <b>2000</b> , 18, 803-9	23
1012	Regression of left ventricular hypertrophy in hypertensive patients treated with indapamide SR 1.5 mg versus enalapril 20 mg: the LIVE study. <b>2000</b> , 18, 1465-75	126
1011	Haematocrit profoundly affects left ventricular diastolic filling as assessed by Doppler echocardiography. <b>2000</b> , 18, 1483-9	4
1010	Estrogen variation and resting left ventricular structure and function in young healthy females. <b>2000</b> , 32, 297-303	11
1009	Difference between office and ambulatory blood pressure or real white coat effect: does it matter in terms of prognosis?. <b>2000</b> , 18, 383-9	31
1008	Sympathetic and reflex alterations in systo-diastolic and systolic hypertension of the elderly. <b>2000</b> , 18, 587-93	69
1007	Cardiac fatigue following prolonged endurance exercise of differing distances. <b>2000</b> , 32, 1067-72	107
1006	Early impairment of coronary flow reserve and increase in minimum coronary resistance in borderline hypertensive patients. <b>2000</b> , 18, 453-9	46
1005	Regression of left ventricular hypertrophy by lisinopril after renal transplantation: role of ACE gene polymorphism. <b>2000</b> , 58, 889-97	69
1004	Postischemic vasodilation, endothelial activation, and cardiovascular remodeling in end-stage renal disease. <b>2000</b> , 57, 1091-9	97
1003	Changes in patterns of left ventricular hypertrophy after aortic valve replacement for aortic stenosis and regurgitation with St. Jude Medical cardiac valves. <b>2000</b> , 24, 953-8	8

1002	Determination of left ventricular mass by real-time three-dimensional echocardiography: in vitro validation. <b>2000</b> , 17, 665-74	8
1001	Increased left ventricular mass index and nocturnal systolic blood pressure in patients with Type 2 diabetes mellitus and microalbuminuria. <b>2000</b> , 17, 321-5	36
1000	Decreased left ventricular contractility reserve in patients with never-treated essential hypertension. <b>2000</b> , 27, 871-5	2
999	Semiautomatic contour detection in ultrasound M-mode images. <b>2000</b> , 26, 287-96	28
998	Obesity and left ventricular diastolic function: noninvasive study in normotensives and newly diagnosed never-treated hypertensives. <b>2000</b> , 24, 954-8	29
997	Relationships between cardiovascular remodelling and the pulse pressure in never treated hypertension. <b>2000</b> , 14, 23-30	43
996	Lack of association between ACE gene polymorphism and left ventricular hypertrophy in essential hypertension. <b>2000</b> , 14, 47-9	40
995	Left ventricular adaptation to hypertension and plasma renin activity. <b>2000</b> , 14, 181-8	12
994	Ethnic and gender differences in electrocardiographic QT length and QT dispersion in hypertensive subjects. <b>2000</b> , 14, 403-5	11
993	Absence of any significant effects of circadian blood pressure variations on carotid artery elastic properties in essential hypertensive subjects. <b>2000</b> , 14, 813-8	39
992	Age dependency of myocardial structure: a quantitative two-dimensional echocardiographic study in a normal population. <b>2000</b> , 17, 201-8	7
991	Relationship of systemic hemodynamics, left ventricular structure and function, and plasma natriuretic peptide concentrations during pregnancy complicated by preeclampsia. <b>2000</b> , 183, 140-7	100
990	The prevalence and prognostic significance of electrocardiographic abnormalities. <b>2000</b> , 25, 1-72	69
989	Usefulness of left atrial abnormality for predicting left ventricular hypertrophy in the presence of left bundle branch block. <b>2000</b> , 85, 354-9	15
988	Changes in cardiac function at rest before and after treatment in primary hypothyroidism. <b>2000</b> , 85, 376-80	17
987	The electrocardiogram in morbid obesity. <b>2000</b> , 85, 908-10, A10	82
986	Pulsed Doppler tissue imaging in endurance athletes: relation between left ventricular preload and myocardial regional diastolic function. <b>2000</b> , 85, 1131-6	122
985	Possible role of increased blood viscosity in the hemodynamics of systemic hypertension. <b>2000</b> , 85, 1265-8	52

984	Change in mitral regurgitation severity after aortic valve replacement for aortic stenosis. <b>2000</b> , 85, 1271-4	42
983	Evaluation of coronary flow reserve in hypertensive patients by dipyridamole transesophageal doppler echocardiography. <b>2000</b> , 86, 305-8	34
982	Comparison of quinapril versus atenolol: effects on blood pressure and cardiac mass after renal transplantation. <b>2000</b> , 86, 583-5, A10	22
981	Left ventricular diastolic dysfunction in lone atrial fibrillation determined by Doppler tissue imaging of mitral annular motion. <b>2000</b> , 86, 1026-9, A10	15
980	Comparison of effectiveness of an 8-mm versus a 4-mm tip electrode catheter for radiofrequency ablation of typical atrial flutter. <b>2000</b> , 86, 1029-32, A10	34
979	Plasma levels of A- and B-type natriuretic peptides in patients with hypertrophic cardiomyopathy or idiopathic dilated cardiomyopathy. <b>2000</b> , 86, 1036-40, A11	59
978	Left ventricular mass and systolic function in human immunodeficiency virus-infected patients after weight loss. <b>2000</b> , 86, 1040-3, A11	2
977	Plasma carnitine levels as a marker of impaired left ventricular functions. <b>2000</b> , 213, 37-41	21
976	Guanabenz combination therapy inhibits sympathetic nerve activity and regresses left ventricular hypertrophy. <b>2000</b> , 14, 61-6	6
975	Three-dimensional echocardiographic measurement of left ventricular mass: comparison with magnetic resonance imaging and two-dimensional echocardiographic determinations in man. <b>2000</b> , 16, 347-57	38
974	Influence of angiotensin-converting enzyme gene polymorphism on development of athlete's heart. <b>2000</b> , 23, 621-4	24
973	Does left ventricular shape influence clinical outcome in heart failure?. <b>2000</b> , 23, 813-9	16
972	Genetic contributions to left ventricular hypertrophy. <b>2000</b> , 2, 50-5	19
971	Evaluation of postoperative cardiac function and long-term results in patients after aortic valve replacement for aortic valve disease with increased left ventricular mass. <b>2000</b> , 48, 30-8	1
970	Differences in left ventricular response between rheumatic and myxomatous mitral valve disease following mitral valve replacement. <b>2000</b> , 48, 751-6	2
969	Cardiac dimensions, physical activity, and submaximal working capacity in youth of the Qubec Family Study. <b>2000</b> , 81, 40-6	5
968	Morphologic left ventricular patterns and prevalence of high-grade ventricular arrhythmias in the normotensive and hypertensive elderly. <b>2000</b> , 17, 222-9	7
967	Plasma aldosterone concentrations are not related to the degree of angiotensin-converting enzyme inhibition in essential hypertensive patients. <b>2000</b> , 23, 25-31	30

966	The effect of moderate weight loss on echocardiographic parameters in obese female patients. <b>2000</b> , 87, 241-51		7
965	Effect of celiprolol on cardiac hypertrophy in hypertension. <b>2000</b> , 23, 467-74		5
964	No association between deletion-type angiotensin-converting enzyme gene polymorphism and left-ventricular hypertrophy in hemodialysis patients. <b>2000</b> , 84, 130-5		11
963	Insulin resistance and hyperinsulinemia: No independent relation to left ventricular mass in humans. <i>Circulation</i> , <b>2000</b> , 102, 2233-8	16.7	58
962	Effects of coronary blood flow on left ventricular function in essential hypertensive patients. <b>2000</b> , 23, 239-45		23
961	Ecocardiografia modo M em cães normais da raça Pastor Alemão (origem americana) do canil da polícia militar do estado de Minas Gerais, Brasil. <b>2000</b> , 30, 819-824		4
960	Short-term Treatment with Angiotensin II Antagonist in Essential Hypertension: Effects of Losartan on Left Ventricular Diastolic Function, Left Ventricular Mass, and Aortic Stiffness. <b>2000</b> , 30, 1341		5
959	Multicenter Trial for Estimation of Normal Values of Echocardiographic Indices in Korea. <b>2000</b> , 30, 373		10
958	Ambulatory blood pressure monitoring after successful repair of coarctation of the aorta at mid-term follow-up. <b>2000</b> , 41, 49-58		6
957	Validation of a mouse conductance system to determine LV volume: comparison to echocardiography and crystals. <b>2000</b> , 279, H1698-707		68
956	The effects of monotherapy or combined therapy with an angiotensin converting enzyme inhibitor following initial treatment with calcium channel blockers on residual cardiovascular abnormalities. <b>2000</b> , 22, 493-506		1
955	G-Protein beta(3) subunit gene variant and left ventricular hypertrophy in essential hypertension. <b>2000</b> , 35, 214-8		66
954	Relation of left ventricular diastolic properties to systolic function in arterial hypertension. <i>Circulation</i> , <b>2000</b> , 101, 152-7	16.7	110
953	Impact of dialysis therapy on insulin resistance in end-stage renal disease: comparison of haemodialysis and continuous ambulatory peritoneal dialysis. <b>2000</b> , 15, 65-70		101
952	Dobutamine-atropine stress echocardiography for the detection of coronary artery disease in patients with left ventricular hypertrophy. Importance of chamber size and systolic wall stress. <i>Circulation</i> , <b>2000</b> , 101, 258-63	16.7	76
951	Coronary flow reserve is supranormal in endurance athletes: an adenosine transthoracic echocardiographic study. <b>2000</b> , 84, 383-9		49
950	Evaluation of the aldosterone synthase (CYP11B2) gene polymorphism in patients with myocardial infarction. <b>2000</b> , 35, 704-9		41
949	Morphologic and functional changes of left ventricle in dialyzed patients after treatment with recombinant human erythropoietin (r-HuEPO). <b>2000</b> , 51, 131-9		19

948	Ventricular mass and diastolic function in patients infected by the human immunodeficiency virus. <b>2000</b> , 84, 620-4	22
947	M-mode echocardiographic evaluation of systolic function, LV volume and mass in children on growth hormone therapy. <b>2000</b> , 13, 157-61	6
946	Transient U wave inversion during treadmill exercise testing in patients with left anterior descending coronary artery disease. <b>2000</b> , 51, 581-9	6
945	Impact of arterial stiffening on left ventricular structure. <b>2000</b> , 36, 489-94	205
944	Attenuation of the "white-coat effect" by antihypertensive treatment and regression of target organ damage. <b>2000</b> , 35, 614-20	50
943	The effect of aortic valve replacement on left ventricular mass assessed by echocardiography. <b>2000</b> , 1, 116-21	10
942	Cardiovascular effects of parathyroid hormone: a study in healthy subjects and normotensive patients with mild primary hyperparathyroidism. <b>2000</b> , 85, 1815-21	63
941	Ambulatory blood pressure monitoring in potential renal transplant donors. <b>2000</b> , 15, 1038-40	21
940	Early echocardiographic changes and survival following renal transplantation. <b>2000</b> , 15, 93-8	45
939	Arterial stiffening and vascular calcifications in end-stage renal disease. <b>2000</b> , 15, 1014-21	803
938	Left ventricular hypertrophy in hypertensive patients with autosomal dominant polycystic kidney disease: influence of blood pressure and humoral and neurohormonal factors. <b>2000</b> , 20, 193-200	31
937	Hypopituitary females have a high incidence of cardiovascular morbidity and an increased prevalence of cardiovascular risk factors. <b>2000</b> , 85, 574-84	100
936	Three-dimensional echocardiography: assessment of inter- and intra-operator variability and accuracy in the measurement of left ventricular cavity volume and myocardial mass. <b>2000</b> , 45, 1255-73	11
935	Left atrial and ventricular filling in chronic obstructive pulmonary disease. An echocardiographic and Doppler study. <b>2000</b> , 162, 670-5	124
934	Aortic distensibility is closely related to the progression of left ventricular hypertrophy in patients receiving hemodialysis. <b>2000</b> , 51, 933-41	22
933	Baseline and stimulated catecholamine secretion in normotensive patients with active acromegaly: acute effects of continuous octreotide infusion. <b>2000</b> , 142, 179-86	6
932	Close relationship of abnormal glucose tolerance with endothelial dysfunction in hypertension. <b>2000</b> , 36, 245-9	30
931	Negative stress echocardiographic responses in normotensive and hypertensive patients with angina pectoris, positive exercise stress testing, and normal coronary arteriograms. <b>2000</b> , 83, 141-6	15

930	Coronary vasodilator capacity and epicardial vessel remodeling in physiological and hypertensive hypertrophy. <b>2000</b> , 36, 343-9	70
929	Changes in myocardial cytoskeletal intermediate filaments and myocyte contractile dysfunction in dilated cardiomyopathy: an in vivo study in humans. <b>2000</b> , 84, 659-67	44
928	Myocardial cell death in human diabetes. <b>2000</b> , 87, 1123-32	682
927	Hypertensive heart disease. A complex syndrome or a hypertensive 'cardiomyopathy'?. <b>2000</b> , 21, 1653-65	84
926	Left ventricular mass and global function in essential hypertension after antihypertensive therapy. <b>2000</b> , 28, 9-19	14
925	Physiological profile of middle-aged and older climbers who ascended Gasherbrum II, an 8035-m Himalayan peak. <b>2000</b> , 55, M630-3	6
924	Influence of hypertension, left ventricular hypertrophy, and left ventricular systolic dysfunction on plasma N terminal proBNP. <b>2000</b> , 83, 278-82	67
923	Converting enzyme inhibition normalizes QT interval in spontaneously hypertensive rats. <b>2000</b> , 36, 350-4	31
922	Ventricular ectopic activity, left ventricular mass, hyperinsulinemia, and intracellular magnesium in normotensive patients with obesity. <b>2000</b> , 51, 101-6	20
921	Impact of Doppler-derived left ventricular diastolic performance on exercise capacity in normal individuals. <b>2000</b> , 139, 716-22	38
920	Left ventricular function, cardiac dysrhythmias, atrial activation, and volumes in nondipper hypertensive individuals with left ventricular hypertrophy. <b>2000</b> , 139, 529-36	30
919	Association between elevated brain natriuretic peptide levels and the development of left ventricular hypertrophy in patients with hypertension. <b>2000</b> , 108, 627-33	28
918	Effects of enalapril and isradipine alone and in combination on blood pressure, renal function and echocardiographic parameters in mild hypertension. <b>2000</b> , 74, 77-84	2
917	Matrix metalloproteinase-9 and tissue inhibitor metalloproteinase-1 levels in essential hypertension. Relationship to left ventricular mass and anti-hypertensive therapy. <b>2000</b> , 75, 43-7	86
916	Left ventricular mass index and sports: the influence of different sports activities and arterial blood pressure. <b>2000</b> , 75, 261-5	19
915	Absent right precordial R waves are associated with reduced left ventricular function and poor prognosis in patients with aortic stenosis. <b>2000</b> , 76, 181-6	2
914	beta-blocker therapy in patients after aortic valve replacement for aortic regurgitation. <b>2000</b> , 73, 49-53	10
913	Cardiovascular effect of normalizing the hematocrit level during erythropoietin therapy in predialysis patients with chronic renal failure. <b>2000</b> , 35, 250-6	217

912	Misrepresentation of left ventricular contractile function by endocardial indexes: clinical implications after coarctation repair. <b>2000</b> , 140, 585-95	23
911	Association between salt sensitivity and target organ damage in essential hypertension. <b>2000</b> , 13, 864-72	62
910	Low wall shear stress in carotid arteries in subjects with left ventricular hypertrophy. <b>2000</b> , 13, 892-8	30
909	Left ventricular mass and atrial volume determined by cine magnetic resonance imaging in essential hypertension. <b>2000</b> , 13, 1103-9	10
908	Effect of blood glucose on left ventricular mass in patients with hypertension and type 2 diabetes mellitus. <b>2000</b> , 13, 1149-54	35
907	Left ventricular geometry in pregnancy-induced hypertension. <b>2000</b> , 13, 226-30	13
906	Carotid thickening, cardiac hypertrophy, and angiotensin converting enzyme gene polymorphism in patients with hypertension. <b>2000</b> , 13, 111-9	30
905	Mild left ventricular hypertrophy in essential hypertension: is it really arrhythmogenic?. <b>2000</b> , 13, 340-5	2
904	Left ventricular function and mass after orthotopic heart transplantation: a comparison of cardiovascular magnetic resonance with echocardiography. <b>2000</b> , 19, 444-52	54
903	Performance of 21-mm size perimount aortic bioprosthesis in the elderly. <b>2000</b> , 69, 47-50	13
902	Regression of hypertrophy after Carpentier-Edwards pericardial aortic valve replacement. <b>2000</b> , 69, 531-5	24
901	Left ventricular hypertrophy and angiotensin-converting enzyme gene polymorphism in renal allograft recipients. <b>2000</b> , 32, 542-4	3
900	Determinants of left ventricular structure after kidney transplantation. <b>2000</b> , 32, 2801-6	5
899	Automedidas domiciliarias de presi3n arterial y su relaci3n con el diagn3stico de la hipertensi3n arterial y con la afecci3n org3nica: estudio comparativo con monitorizaci3n ambulatoria. <b>2000</b> , 115, 730-735	17
898	Body composition and prevalence of left ventricular hypertrophy. <i>Circulation</i> , <b>2000</b> , 102, 405-10	16.7 85
897	Organ damage in treated middle-aged hypertensives compared to normotensives: results from a cross-sectional study in general practice. <b>2000</b> , 9, 28-33	9
896	Echocardiographic Study of Pulmonary Hypertension Syndrome in Broiler Chickens. <b>2000</b> , 44, 74	6
895	[Left ventricular diastolic dysfunction in young people with type 1 diabetes mellitus. Associated factors]. <b>2000</b> , 53, 603-10	0

894	Comparison of ventricular volume and mass measurements from B- and C-scan images with the use of real-time 3-dimensional echocardiography: studies in an in vitro model. <b>2000</b> , 13, 910-7	20
893	[Nocturnal drop of arterial blood pressure: determinant factors and relationship with organic damage secondary to hypertension]. <b>2000</b> , 26, 607-13	0
892	Felodipine improves left ventricular emptying in patients with chronic heart failure: V-HeFT III echocardiographic substudy of multicenter reproducibility and detecting functional change. <b>2000</b> , 6, 19-28	12
891	The athlete's heart. A meta-analysis of cardiac structure and function. <i>Circulation</i> , <b>2000</b> , 101, 336-44	16.7 697
890	Effects of a single dose of oral estrogen on left ventricular diastolic function in hypertensive postmenopausal women with diastolic dysfunction. <b>2000</b> , 73, 66-71	21
889	Attenuated coronary flow reserve and vascular remodeling in patients with hypertension and left ventricular hypertrophy. <b>2000</b> , 35, 1654-60	151
888	Elevated circulating levels of serum tumor necrosis factor-alpha in patients with hemodynamically significant pressure and volume overload. <b>2000</b> , 36, 208-12	88
887	Coronary flow reserve improves after aortic valve replacement for aortic stenosis: an adenosine transthoracic echocardiography study. <b>2000</b> , 36, 1889-96	98
886	Left ventricular mass and correlated atherosclerotic risk factors in young adolescents: report from Chin-Shan community cardiovascular study in Taiwan. <b>2001</b> , 155, 431-7	15
885	Androgenic anabolic steroids and arterial structure and function in male bodybuilders. <b>2001</b> , 37, 224-30	84
884	Comparative effects of aging in men and women on the properties of the arterial tree. <b>2001</b> , 37, 1374-80	237
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854	Heart rate variability and left ventricular diastolic function in patients with borderline hypertension with and without left ventricular hypertrophy. <b>2001</b> , 23, 77-87	18
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792	Kinetics of left ventricular rotation during exercise and its relation to exercise tolerance in atrial fibrillation: assessment by two-dimensional speckle tracking echocardiography. <b>2014</b> , 12, 89-97	
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790	High-sensitivity cardiac troponin T levels in newly diagnosed hypertensive patients with different left ventricle geometry. <b>2014</b> , 23, 240-7	14
789	Longitudinal myocardial strain alteration is associated with left ventricular remodeling in asymptomatic patients with type 2 diabetes mellitus. <b>2014</b> , 27, 479-88	74
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767	The German AugUR study: study protocol of a prospective study to investigate chronic diseases in the elderly. <b>2015</b> , 15, 130	23
766	Serum uric acid is associated with cardiac diastolic dysfunction among women with preserved ejection fraction. <b>2015</b> , 309, H986-94	18
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760	Prognostic value of left ventricular mass normalized to different body size indexes: findings from the PAMELA population. <b>2015</b> , 33, 1082-9	16
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758	Circulating tissue inhibitor of matrix metalloproteinase-1 is associated with aldosterone-induced diastolic dysfunction. <b>2015</b> , 33, 1922-30; discussion 1930	17
757	Risk of mortality in relation to an updated classification of left ventricular geometric abnormalities in a general population: the Pamela study. <b>2015</b> , 33, 2133-40	30
756	Paraoxonase and arylesterase activities in dipper and non-dipper prehypertensive subjects. <b>2015</b> , 94, e786	2
755	The Association between Glomerular Hyperfiltration and Left Ventricular Structure and Function in Patients with Primary Aldosteronism. <b>2015</b> , 12, 369-77	5
754	Association of brachial-ankle pulse wave velocity with atherosclerosis and presence of coronary artery disease in older patients. <b>2015</b> , 10, 1369-75	10
753	EFFECT OF «TREAT-TO-TARGET» ANTIRHEUMATIC THERAPY ON DIASTOLIC DYSFUNCTION OF THE LEFT AND RIGHT VENTRICLES IN PATIENTS WITH EARLY RHEUMATOID ARTHRITIS DURING 18 MONTHS OF OBSERVATION. <b>2015</b> , 11, 398-403	1
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749	Relationship between epicardial adipose tissue, inflammation and volume markers in hemodialysis and transplant patients. <b>2015</b> , 19, 56-62	13
748	Is Arterial Hypertension Control Enough to Improve Aortic Stiffness in Untreated Patients With Hypertension? A 3-Year Follow-Up Study. <b>2015</b> , 66, 759-65	11
747	Recommendations on the use of echocardiography in adult hypertension: a report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE) <b>2015</b> , 16, 577-605	146
746	Circulating mesenchymal stem cells in patients with hypertrophic cardiomyopathy. <b>2015</b> , 24, 149-53	8
745	Subclinical right ventricle systolic dysfunction in childhood-onset systemic lupus erythematosus: insights from two-dimensional speckle-tracking echocardiography. <b>2015</b> , 24, 613-20	31
744	Insulin resistance as a predictor of cardiovascular morbidity and end-stage renal disease. <b>2015</b> , 29, 1098-104	20
743	Global Longitudinal Strain Is a Superior Predictor of All-Cause Mortality in Heart Failure With Reduced Ejection Fraction. <b>2015</b> , 8, 1351-1359	203
742	Effect of Parathyroidectomy Upon Left Ventricular Mass in Primary Hyperparathyroidism: A Meta-Analysis. <b>2015</b> , 100, 4399-407	47
741	The Relation Between the Degree of Left Ventricular Mass Regression and Serum Potassium Level Change in Patients With Primary Aldosteronism After Adrenalectomy. <b>2015</b> , 63, 816-20	6
740	Left Ventricular Hypertrophy and Asymptomatic Cardiac Function Impairment in Chinese Patients with Simple Obesity using Echocardiography. <b>2015</b> , 8, 210-9	8
739	Values of high sensitive troponin T in long-term survivors of childhood cancer treated with anthracyclines. <b>2015</b> , 441, 29-32	13
738	Regurgitant volume informs rate of progressive cardiac dysfunction in asymptomatic patients with chronic aortic or mitral regurgitation. <b>2015</b> , 8, 14-23	16
737	Decreased diastolic wall strain is associated with adverse left ventricular remodeling even in patients with normal left ventricular diastolic function. <b>2015</b> , 13, 35-42	7
736	Early detection of myocardial deformation by 2D speckle tracking echocardiography in normotensive obese children and adolescents. <b>2015</b> , 15, 151-7	11
735	Relationship between mean platelet volume and morning blood pressure surge in newly diagnosed hypertensive patients. <b>2015</b> , 15, 107-12	6
734	Clinical and haemodynamic outcomes in 804 patients receiving the Freedom SOLO stentless aortic valve: results from an international prospective multicentre study. <b>2015</b> , 47, e97-104	19
733	Systemic diseases. <b>2015</b> , 459-488	



732	Recommendations on the Use of Echocardiography in Adult Hypertension: A Report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE). <b>2015</b> , 28, 727-54	198
731	Association of Exercise Intolerance in Type 2 Diabetes With Skeletal Muscle Blood Flow Reserve. <b>2015</b> , 8, 913-21	21
730	Determinants of concentric left ventricular hypertrophy in patients with resistant hypertension: RESIST-POL study. <b>2015</b> , 38, 545-50	12
729	Relationship between oxidative stress parameters and asymptomatic organ damage in hypertensive patients without diabetes mellitus. <b>2015</b> , 49, 249-56	14
728	Improving the detection of preclinical organ damage in newly diagnosed hypertension: nocturnal hypertension versus non-dipping pattern. <b>2015</b> , 29, 689-95	16
727	Influence of the left ventricular types on QT intervals in hypertensive patients. <b>2015</b> , 15, 33-9	8
726	Efficiently screening heart failure in patients with type 2 diabetes. <b>2015</b> , 17, 187-95	25
725	Evaluation of aortic elastic properties in patients with exaggerated systolic blood pressure response to exercise testing. <b>2015</b> , 37, 97-101	2
724	Prevalence, Determinants, and Clinical Significance of Masked Hypertension in a Population-Based Sample of African Americans: The Jackson Heart Study. <b>2015</b> , 28, 900-8	61
723	Two-Dimensional and M-Mode Echocardiographic Measurements in the Healthy Donkey ( <i>Equus asinus</i> ). <b>2015</b> , 35, 283-289	11
722	Progression of matrixin and cardiokine expression patterns in an ovine model of heart failure and recovery. <b>2015</b> , 186, 77-89	9
721	The prognostic value of positive T-wave in lead aVR in hemodialysis patients. <b>2015</b> , 19, 1157-64	12
720	Comparison of left ventricular mechanics in runners versus bodybuilders using speckle tracking echocardiography. <b>2015</b> , 13, 7	19
719	Higher Left Ventricle Mass Indices Predict Favorable Outcome in Stroke Patients with Thrombolysis. <b>2015</b> , 24, 1609-13	3
718	RV Longitudinal Deformation Correlates With Myocardial Fibrosis in Patients With End-Stage Heart Failure. <b>2015</b> , 8, 514-522	58
717	Race-ethnic differences in subclinical left ventricular systolic dysfunction by global longitudinal strain: A community-based cohort study. <b>2015</b> , 169, 721-6	11
716	Association of indoxyl sulfate with heart failure among patients on hemodialysis. <b>2015</b> , 10, 111-9	66
715	Diastolic pressure-volume quotient (DPVQ) as a novel echocardiographic index for estimation of LV stiffness in HFpEF. <b>2015</b> , 104, 955-63	30

7 <sup>14</sup>	Impact of electrocardiographic findings for diagnosis of left ventricular hypertrophy in patients with primary aldosteronism. <b>2015</b> , 16, 131-6	1
7 <sup>13</sup>	LV peak instantaneous wall stress versus time-stress-integral as measures of afterload in aortic stenosis. <b>2015</b> , 101, 478-83	3
7 <sup>12</sup>	One-point carotid wave intensity predicts cardiac mortality in patients with congestive heart failure and reduced ejection fraction. <b>2015</b> , 31, 1369-78	5
7 <sup>11</sup>	Nocturnal Intermittent Hypoxia Is Associated With Left Ventricular Hypertrophy in Middle-Aged Men With Hypertension and Obstructive Sleep Apnea. <b>2016</b> , 29, 372-8	11
7 <sup>10</sup>	Left ventricular remodeling in patients with sickle cell disease: determinants factors and impact on outcome. <b>2015</b> , 94, 1621-9	8
7 <sup>09</sup>	The Association of Elevated HDL Levels With Carotid Atherosclerosis in Middle-Aged Women With Untreated Essential Hypertension. <b>2015</b> , 66, 904-10	7
7 <sup>08</sup>	Platelet volume indices are associated with systolic and diastolic cardiac dysfunction, and left ventricular hypertrophy. <b>2015</b> , 15, 52	6
7 <sup>07</sup>	Association between high-sensitivity troponin T, left ventricular hypertrophy, and myocardial performance index. <b>2015</b> , 40, 1004-10	9
7 <sup>06</sup>	Ethnicity-related variations of left ventricular remodeling in adolescent amateur football players. <b>2015</b> , 25, 382-9	9
7 <sup>05</sup>	Procollagen type III amino terminal peptide and myocardial fibrosis: A study in hypertensive patients with and without left ventricular hypertrophy. <b>2015</b> , 34, 309-14	1
7 <sup>04</sup>	Cardiac Organ Damage and Arterial Stiffness in Autonomic Failure: Comparison With Essential Hypertension. <b>2015</b> , 66, 1168-75	23
7 <sup>03</sup>	Hypertrophic and antihypertrophic microRNA levels in peripheral blood mononuclear cells and their relationship to left ventricular hypertrophy in patients with essential hypertension. <b>2015</b> , 9, 802-810	30
7 <sup>02</sup>	Left Ventricular Systolic Dysfunction by Longitudinal Strain Is an Independent Predictor of Incident Atrial Fibrillation: A Community-Based Cohort Study. <b>2015</b> , 8, e003520	31
7 <sup>01</sup>	Calculation of pediatric left ventricular mass: validation and reference values using real-time three-dimensional echocardiography. <b>2015</b> , 28, 275-83	12
7 <sup>00</sup>	Early markers of cardiovascular risk in chronic kidney disease. <b>2015</b> , 37, 254-61	16
6 <sup>99</sup>	A Pilot Study Examining the Effects of Tolvaptan on Residual Renal Function in Peritoneal Dialysis for Diabetics. <b>2015</b> , 35, 552-8	6
6 <sup>98</sup>	Values of ambulatory blood pressure monitoring for prediction of cognitive function impairment in elderly hypertensive patients. <b>2015</b> , 67, 7-12	3
6 <sup>97</sup>	Left ventricular hypertrophy and obesity: only a matter of fat?. <b>2015</b> , 22, 29-41	24

696	Impact of eicosapentaenoic acid/arachidonic acid ratio on left ventricular structure in patients with diabetes. <b>2015</b> , 6, 46-54	2
695	Association between circulating FGF23, Klotho, and left ventricular diastolic dysfunction among patients with preserved ejection fraction. <b>2016</b> , 31, 66-73	14
694	Morphometric changes of the left ventricle and characteristics of peripheral hemodynamics in patients with drug resistant hypertension. <b>2016</b> , 12, 396-402	
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690	Prediabetes and Cardiovascular Parameters in Obese Children and Adolescents. <b>2016</b> , 8, 80-5	7
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688	Oxidative Stress Biomarkers and Left Ventricular Hypertrophy in Children with Chronic Kidney Disease. <b>2016</b> , 2016, 7520231	29
687	Evaluation of Atrial Conduction Times, Epicardial Fat Thickness and Carotid Intima-Media Thickness in Patients With Ankylosing Spondylitis. <b>2016</b> , 31, 353-358	5
686	Everolimus Attenuates Myocardial Hypertrophy and Improves Diastolic Function in Heart Transplant Recipients. <b>2016</b> , 57, 204-10	9
685	Association between FGF23, Klotho, and Cardiac Abnormalities among Patients with Various Chronic Kidney Disease Stages. <b>2016</b> , 11, e0156860	36
684	Heart and Cardiovascular Involvement in Patients with Mucopolysaccharidosis Type IVA (Morquio-A Syndrome). <b>2016</b> , 11, e0162612	22
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681	Impaired Left and Right Ventricular Systolic and Diastolic Function in Response to Exercise in Patients with Diastolic Dysfunction. <b>2016</b> , 33, 1209-18	4
680	Aortic valve decalcification for severe aortic valve stenosis in the elderly: medium-term results. <b>2016</b> , 17, 130-6	
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678	Early Detection of Subclinical Uremic Cardiomyopathy Using Two-Dimensional Speckle Tracking Echocardiography. <b>2016</b> , 33, 527-36	17
677	Abdominal adiposity, general obesity, and subclinical systolic dysfunction in the elderly: A population-based cohort study. <b>2016</b> , 18, 537-44	32
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674	Prevalence and correlates of new-onset left ventricular geometric abnormalities in a general population: the PAMELA study. <b>2016</b> , 34, 1423-31	6
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670	High morning blood pressure surge is associated with oxidative stress and paraoxonase 1 activity in newly diagnosed hypertensive patients. <b>2016</b> , 38, 680-685	5
669	Right Ventricular Dysfunction Impairs Effort Tolerance Independent of Left Ventricular Function Among Patients Undergoing Exercise Stress Myocardial Perfusion Imaging. <b>2016</b> , 9,	22
668	Epicardial fat thickness, an emerging cardiometabolic risk factor, is increased in young adults born preterm. <b>2016</b> , 7, 369-73	12
667	Relationship among multifaceted factors including blood pressure at discharge and long-term clinical outcome in patients with cardiovascular diseases. <b>2016</b> , 38, 725-732	1
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665	Evaluation of pulmonary artery pressure and resistance by pulsed Doppler echocardiography in patients with end-stage renal disease on dialysis therapy. <b>2016</b> , 28, 101-12	1
664	Prosthesis-patient mismatch due to small ring annuloplasty in patients with degenerative mitral insufficiency. <b>2016</b> , 68, 141-7	16
663	Sex-related differences in left ventricular structure in early adolescent non-professional athletes. <b>2016</b> , 23, 777-84	23
662	Assessed value of high-sensitivity cardiac troponin T for cardiovascular disease among CKD patients. <b>2016</b> , 38, 728-37	3
661	Aldosterone Induces Tissue Inhibitor of Metalloproteinases-1 Expression and Further Contributes to Collagen Accumulation: From Clinical to Bench Studies. <b>2016</b> , 67, 1309-20	26

660	Prevalence of subclinical hypercortisolism in type 2 diabetic patients from the Rio de Janeiro Type 2 Diabetes Cohort Study. <b>2016</b> , 30, 1032-8	7
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657	Cardiovascular Risk Factors and Markers of Atherosclerosis in Stable Kidney Transplant Recipients. <b>2016</b> , 48, 1543-50	9
656	Assessment of Myocardial Function in Children before and after Autologous Peripheral Blood Stem Cell Transplantation. <b>2016</b> , 33, 82-9	9
655	The Relationship Between High-Sensitivity C-Reactive Protein Levels and Left Ventricular Hypertrophy in Patients With Newly Diagnosed Hypertension. <b>2016</b> , 18, 679-84	1
654	Nocturnal Hypertension and Subclinical Cardiac and Carotid Damage: An Updated Review and Meta-Analysis of Echocardiographic Studies. <b>2016</b> , 18, 913-20	12
653	Riser Pattern: Another Determinant of Heart Failure With Preserved Ejection Fraction. <b>2016</b> , 18, 994-999	16
652	Do Combined Electrocardiographic and Echocardiographic Markers of Left Ventricular Hypertrophy Improve Cardiovascular Risk Estimation?. <b>2016</b> , 18, 846-54	6
651	Infiltration of the sphenopalatine ganglion decreases blood pressure in newly diagnosed and never treated patients with essential hypertension. <b>2016</b> , 223, 345-351	5
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649	Cardiovascular Disease Risk Factors and Left Ventricular Hypertrophy in Girls and Boys With CKD. <b>2016</b> , 11, 1962-1968	10
648	Left Ventricular Hypertrophy in Children with Hypertension: in Search of a Definition. <b>2016</b> , 18, 65	13
647	Increased serum renalase in hemodialysis patients: is it related to left ventricular hypertrophy?. <b>2016</b> , 38, 1180-6	7
646	Carotid atherosclerosis is associated with left ventricular diastolic function. <b>2016</b> , 14, 120-9	7
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643	The effects of dialysis-type on left ventricular function in non-diabetic end-stage renal disease patients. <b>2016</b> , 71, 706-706	3

642	Multidirectional left ventricle and longitudinal right ventricle deformation analysis by two-dimensional speckle tracking echocardiography in young elite athletes. <b>2016</b> , 71, 395-402	3
641	Left Ventricular Mass and Intrarenal Arterial Stiffness as Early Diagnostic Markers in Cardiorenal Syndrome Type 5 due to Systemic Sclerosis. <b>2016</b> , 6, 135-42	2
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637	[Early cardiovascular changes in young people with normal and normal-high blood pressure]. <b>2016</b> , 33, 86-92	1
636	A European Multicenter Study of 616 Patients Receiving the Freedom Solo Stentless Bioprosthesis. <b>2016</b> , 101, 100-8	8
635	Aortic valve replacement with a 17-mm mechanical prosthesis in octogenarian or older patients. <b>2016</b> , 152, 112-7	2
634	Metabolic manipulation in dilated cardiomyopathy: Assessing the role of trimetazidine. <b>2016</b> , 68, 803-808	5
633	Echocardiographic Linear Dimensions for Assessment of Right Ventricular Chamber Volume as Demonstrated by Cardiac Magnetic Resonance. <b>2016</b> , 29, 861-70	17
632	Non-invasive one-point carotid wave intensity in a large group of healthy subjects: A ventricular-arterial coupling parameter. <b>2016</b> , 31, 360-9	13
631	Noninvasive Detection of Early Metabolic Left Ventricular Remodeling in Systemic Hypertension. <b>2016</b> , 133, 157-62	24
630	Riser Blood Pressure Pattern Is Associated With Mild Cognitive Impairment in Heart Failure Patients. <b>2016</b> , 29, 194-201	19
629	Endothelial progenitor cells as markers of severity in hypertrophic cardiomyopathy. <b>2016</b> , 18, 179-84	6
628	Does QRS Voltage Correction by Body Mass Index Improve the Accuracy of Electrocardiography in Detecting Left Ventricular Hypertrophy and Predicting Cardiovascular Events in a General Population?. <b>2016</b> , 18, 415-21	13
627	Left Ventricular Mass Indexing in Infants, Children, and Adolescents: A Simplified Approach for the Identification of Left Ventricular Hypertrophy in Clinical Practice. <b>2016</b> , 170, 193-8	46
626	Assessment of the relationship between serum soluble Klotho and carotid intima-media thickness and left ventricular dysfunction in hemodialysis patients. <b>2016</b> , 35, 42-9	12
625	Cardiovascular alterations do exist in children with stage-2 chronic kidney disease. <b>2016</b> , 20, 926-933	7

624	Global area strain is a sensitive marker of subendocardial damage in adults after optimal repair of aortic coarctation: three-dimensional speckle-tracking echocardiography data. <b>2016</b> , 31, 1790-1797	14
623	Association of body mass index and left ventricular mass index with abnormally low and high ankle-brachial indices in chronic kidney disease. <b>2016</b> , 39, 166-70	5
622	The usefulness of left atrial volume index and left ventricular mass index in determining subclinical cardiac involvement in patients with early-stage sarcoidosis. <b>2016</b> , 185, 617-621	
621	Effect of cholecalciferol on local arterial stiffness and endothelial dysfunction in children with chronic kidney disease. <b>2016</b> , 31, 267-77	15
620	Left ventricular geometry and 24-h blood pressure profile in Cushing's syndrome. <b>2017</b> , 55, 547-554	10
619	Cardiac troponin T elevation at dialysis initiation is associated with all-cause and cardiovascular mortality on dialysis in patients without diabetic nephropathy. <b>2017</b> , 21, 333-341	2
618	A polymorphism in the norepinephrine transporter gene is associated with affective and cardiovascular disease through a microRNA mechanism. <b>2017</b> , 22, 134-141	30
617	Renal function decline predicted by left atrial expansion index in non-diabetic cohort with preserved systolic heart function. <b>2017</b> , 18, 521-528	1
616	The reverse remodeling of the aorta in patients after renal transplantation - the value of aortic stiffness index: prospective echocardiographic study. <b>2017</b> , 18, 33	8
615	Subclinical markers of cardiovascular disease predict adverse outcomes in chronic kidney disease patients with normal left ventricular ejection fraction. <b>2017</b> , 33, 687-698	12
614	Left Ventricular Contraction Pattern in Chronic Aortic Regurgitation and Preserved Ejection Fraction: Simultaneous Stress-Strain Analysis by Three-Dimensional Echocardiography. <b>2017</b> , 30, 422-430.e2	10
613	Increased serum renase in peritoneal dialysis patients: Is it related to cardiovascular disease risk?. <b>2017</b> , 37, 189-194	5
612	Natural history of severe aortic stenosis: Diastolic wall strain as a novel prognostic marker. <b>2017</b> , 34, 484-490	2
611	Training-induced right ventricular remodelling in pre-adolescent endurance athletes: The athlete's heart in children. <b>2017</b> , 236, 270-275	37
610	Cardiac Changes and Their Association with Fetuin-A and Fibroblast Growth Factor-23 in Children with Chronic Kidney Disease. <b>2017</b> , 136, 233-242	
609	Left ventricular hypertrophy does not prevent heart failure in experimental hypertension. <b>2017</b> , 238, 57-65	2
608	Evaluation of left ventricular functions in patients with primary hyperparathyroidism: is there any effect of parathyroidectomy?. <b>2017</b> , 129, 329-336	3
607	Molecular Mechanisms Underlying Cardiac Adaptation to Exercise. <b>2017</b> , 25, 1012-1026	124

606	High Pulse-Wave Velocity Defines a Very High Cardiovascular Risk Cohort of Dialysis Patients under Age 60. <b>2017</b> , 45, 72-81	15
605	Left atrial mechanical function and stiffness in patients with nondipper hypertension: A speckle tracking study. <b>2017</b> , 39, 319-324	7
604	Normative Left Ventricular M-Mode Echocardiographic Values in Preterm Infants up to 2 kg. <b>2017</b> , 30, 781-789.e4	8
603	Association between suPAR and cardiac diastolic dysfunction among patients with preserved ejection fraction. <b>2017</b> , 32, 1327-1336	5
602	Orthostatic hypertension in normotensive type 2 diabetics: What characteristics?. <b>2017</b> , 66, 159-164	6
601	Is night-time hypertension worse than daytime hypertension? A study on cardiac damage in a general population: the PAMELA study. <b>2017</b> , 35, 506-512	13
600	The impact of age and gender on right ventricular diastolic function among healthy adults. <b>2017</b> , 70, 387-395	10
599	Cardiac Autonomic Neuropathy Predicts All-Cause and Cardiovascular Mortality in Patients With End-Stage Renal Failure: A 5-Year Prospective Study. <b>2017</b> , 2, 686-694	6
598	Annexin A5 in treated hypertensive patients and its association with target organ damage. <b>2017</b> , 35, 154-161	6
597	Left ventricular mechanics in isolated mild mitral stenosis: a three dimensional speckle tracking study. <b>2017</b> , 33, 1323-1330	5
596	Circulating miRNA29 family expression levels in patients with essential hypertension as potential markers for left ventricular hypertrophy. <b>2017</b> , 39, 119-125	30
595	Echocardiographic linear fractional shortening for quantification of right ventricular systolic function-A cardiac magnetic resonance validation study. <b>2017</b> , 34, 348-358	8
594	Left Ventricular Function Assessed by One-Point Carotid Wave Intensity in Newly Diagnosed Untreated Hypertensive Patients. <b>2017</b> , 36, 25-35	2
593	Left ventricular mass-geometry and silent cerebrovascular disease: The Cardiovascular Abnormalities and Brain Lesions (CABL) study. <b>2017</b> , 185, 85-92	14
592	Preventive effect of renin-angiotensin system inhibitors on new-onset atrial fibrillation in hypertensive patients: a propensity score matching analysis. <b>2017</b> , 31, 450-456	2
591	LA Phasic Volumes and Reservoir Function in the Elderly by Real-Time 3D Echocardiography: Normal Values, Prognostic Significance, and Clinical Correlates. <b>2017</b> , 10, 976-985	34
590	Retinal vascular caliber associated with cardiac and renal target organ damage in never-treated hypertensive patients. <b>2017</b> , 24, e12344	8
589	Impact of cardio-renal syndrome on adverse outcomes in patients with Fabry disease in a long-term follow-up. <b>2017</b> , 249, 261-267	10



588	Hypertension and improved left ventricular mass index in children after renal transplantation. <b>2017</b> , 21, e13066	7
587	Impact of Left Ventricular vs Biventricular Pacing on Reverse Remodelling: Insights From the Evaluation of Resynchronization Therapy for Heart Failure (EARTH) Trial. <b>2017</b> , 33, 1274-1282	10
586	Maternal cardiac function in gestational hypertension, mild and severe preeclampsia and normal pregnancy: A comparative study. <b>2017</b> , 10, 238-241	4
585	Echocardiographic Approaches and Protocols for Comprehensive Phenotypic Characterization of Valvular Heart Disease in Mice. <b>2017</b> ,	4
584	Plasma parathyroid hormone and cardiovascular disease in treatment-naive patients with primary hyperparathyroidism: The EPATH trial. <b>2017</b> , 19, 1173-1180	8
583	A Novel Index of Remodeling in Hypertensive Heart Disease. <b>2017</b> , 10,	1
582	Influence of the Method of Definition on the Prevalence of Left-Ventricular Hypertrophy in Children with Chronic Kidney Disease: Data from the Know-Ped CKD Study. <b>2017</b> , 42, 406-415	9
581	Long Term Effects of Liraglutide in Japanese Patients with type 2 Diabetes Among the Subgroups with Different Renal Functions: Results of 2-Year Prospective Study. <b>2017</b> , 67, 640-646	7
580	Increased serum renalase in peritoneal dialysis patients: Is it related to cardiovascular disease risk?. <b>2017</b> , 37, 189-194	4
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577	Renal artery stenosis and left ventricular hypertrophy: an updated review and meta-analysis of echocardiographic studies. <b>2017</b> , 35, 2339-2345	10
576	The association of night-time systolic blood pressure with ultrasound markers of subclinical cardiac and vascular disease. <b>2017</b> , 22, 18-26	5
575	Relationships Between Periventricular Epicardial Adipose Tissue Accumulation, Coronary Microcirculation, and Left Ventricular Diastolic Dysfunction. <b>2017</b> , 33, 1489-1497	30
574	Left ventricular end-diastole hemodynamics is strongly associated with spontaneous cardiac baroreflex in humans. <b>2017</b> , 39, 619-627	1
573	Correlation between ECG changes and early left ventricular remodeling in preadolescent footballers. <b>2017</b> , 104, 42-51	3
572	Comparison of arterial stiffness/compliance in the ascending aorta and common carotid artery in healthy subjects and its impact on left ventricular structure and function. <b>2017</b> , 33, 521-531	8
571	Left ventricular mass, geometry and function in diabetic patients affected by coronary artery disease. <b>2017</b> , 31, 1533-1537	3

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567	Exercise speckle-tracking strain imaging demonstrates impaired right ventricular contractile reserve in hypertrophic cardiomyopathy. <b>2017</b> , 227, 209-216	20
566	Association of chronic kidney disease with impaired left atrial reservoir function: A community-based cohort study. <b>2017</b> , 24, 392-398	11
565	Subclinical Organ Damage in White-Coat Hypertension: The Possible Role of Cystatin C. <b>2017</b> , 19, 190-197	9
564	The effect of geographical indices on left ventricular structure in healthy Han Chinese population. <b>2017</b> , 61, 303-311	
563	Severity of Alopecia Predicts Coronary Changes and Arterial Stiffness in Untreated Hypertensive Men. <b>2017</b> , 19, 51-57	5
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561	Is screening for abnormal ECG patterns justified in long-term follow-up of childhood cancer survivors treated with anthracyclines?. <b>2017</b> , 64, e26243	11
560	Cystatin (C) as a predictor of coronary artery disease in subclinical atherosclerotic hypertensive patients. <b>2017</b> , 7, 42-47	
559	Changes in cardiac function and structure in newly diagnosed Graves' disease. A conventional and 2D-speckle tracking echocardiography study. <b>2017</b> , 33, 187-195	11
558	The importance of a shared definition of left ventricular hypertrophy: The case of obese women. <b>2017</b> , 227, 404-406	3
557	Uric Acid and New Onset Left Ventricular Hypertrophy: Findings From the PAMELA Population. <b>2017</b> , 30, 279-285	19
556	Correlations of Serum Cyclophilin A and Melatonin Concentrations with Hypertension-induced Left Ventricular Hypertrophy. <b>2017</b> , 48, 526-534	7
555	QTc dispersion and Cornell duration product can predict 10-year outcomes in hypertensive patients with left ventricular hypertrophy. <b>2017</b> , 40, 1236-1241	3
554	Recent Advances in Hypertrophic Cardiomyopathy: A System Review. <b>2017</b> ,	1
553	Prognostic Impact of Diastolic Wall Strain in Patients at Risk for Heart Failure. <b>2017</b> , 58, 250-256	9

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551	Serum Soluble Urokinase-Type Plasminogen Activator Receptor Is Associated with Low Left Ventricular Ejection Fraction and Elevated Plasma Brain-Type Natriuretic Peptide Level. <b>2017</b> , 12, e0170546	6
550	Riser Pattern Is a Novel Predictor of Adverse Events in Heart Failure Patients With Preserved Ejection Fraction. <b>2017</b> , 81, 220-226	31
549	Contribution of serum FGF21 level to the identification of left ventricular systolic dysfunction and cardiac death. <b>2017</b> , 16, 106	16
548	Factors affecting affect cardiovascular health in Indonesian HIV patients beginning ART. <b>2017</b> , 14, 52	14
547	Is Serum Uric Acid Independently Associated With Left Ventricular Mass Index, Ejection Fraction, and B-Type Natriuretic Peptide Among Female and Male Cardiac Patients?. <b>2017</b> , 58, 562-569	12
546	The effects of ultrafiltration and diuretic therapies on oxidative stress markers in patients with cardio-renal syndrome. <b>2017</b> , 69, 400-407	3
545	A comparison of Cornell and Sokolow-Lyon electrocardiographic criteria for left ventricular hypertrophy in a military male population in Taiwan: the Cardiorespiratory fitness and Hospitalization Events in armed Forces study. <b>2017</b> , 7, 244-251	16
544	Aortic Diameters and Mild Functional Aortic Regurgitation in Hypertensive and Normotensive People: Do They Carry the Same Meaning?. <b>2018</b> , 37, 2171-2180	0
543	Hydrochlorothiazide and alternative diuretics versus renin-angiotensin system inhibitors for the regression of left ventricular hypertrophy: a head-to-head meta-analysis. <b>2018</b> , 36, 1247-1255	17
542	Left Ventricular Torsion Associated With Aortic Stiffness in Hypertension. <b>2018</b> , 7,	10
541	Functional mitral stenosis after mitral valve repair for Type II dysfunction: determinants and impacts on long-term outcome. <b>2018</b> , 54, 453-459	17
540	Severe heart failure (NYHA Class IV) is associated with increased left ventricular mass index and short mitral deceleration time in severe aortic valve stenosis. <b>2018</b> , 35, 1108-1115	
539	Impaired left ventricular diastolic function in T2DM patients is closely related to glycemic control. <b>2018</b> , 1, e00014	3
538	In healthy normotensive subjects age and blood pressure better predict subclinical vascular and cardiac organ damage than atherosclerosis biomarkers. <b>2018</b> , 27, 262-270	10
537	Preoperative Left Ventricular Diastolic Dysfunction and One-Year Survival in Patients Undergoing Transcatheter Aortic Valve Replacement. <b>2018</b> , 32, e45-e47	1
536	Risk factors for heart valve calcification in chronic kidney disease. <b>2018</b> , 97, e9804	13
535	Utility of Left Atrial Expansion Index and Stroke Volume in Management of Chronic Systolic Heart Failure. <b>2018</b> , 31, 650-659.e1	9

534	Impact of Renal Denervation on Atrial Arrhythmogenic Substrate in Ischemic Model of Heart Failure. <b>2018</b> , 7,	22
533	Correlation between plasma brain natriuretic peptide levels and left atrial appendage flow velocity in patients with non-valvular atrial fibrillation and normal left ventricular systolic function. <b>2018</b> , 16, 72-80	4
532	Association Between Heart Rate and Subclinical Cerebrovascular Disease in the Elderly. <b>2018</b> , 49, 319-324	12
531	Association of body size metrics with left atrial phasic volumes and reservoir function in the elderly. <b>2018</b> , 19, 1157-1164	3
530	Arterial stiffness and peripheral vascular resistance in offspring of hypertensive parents: influence of sex and other confounders. <b>2018</b> , 36, 815-823	9
529	Cardiovascular outcomes of Nephrotic syndrome in childhood (CVONS) study: a protocol for prospective cohort study. <b>2018</b> , 19, 81	3
528	Geriatric Nutritional Risk Index Predicts Cardiovascular Events in Patients at Risk for Heart Failure. <b>2018</b> , 82, 1614-1622	28
527	Comparison of Cardiac Magnetic Resonance Imaging and Echocardiography in Assessment of Left Ventricular Hypertrophy in Fabry Disease. <b>2018</b> , 34, 1041-1047	11
526	Wave intensity as a useful modality for assessing ventilation-perfusion imbalance in subclinical patients with hypertension. <b>2018</b> , 33, 931-938	2
525	Enlarged Size and Impaired Elastic Properties of the Ascending Aorta are Associated with Endothelial Dysfunction and Elevated Plasma Matrix Metalloproteinase-2 Level in Patients with Bicuspid Aortic Valve. <b>2018</b> , 44, 955-962	7
524	N-terminal pro brain natriuretic peptide as a cardiac biomarker in Japanese hemodialysis patients. <b>2018</b> , 41, 135-143	2
523	Higher blood pressure during light exercise is associated with increased left ventricular mass index in normotensive subjects. <b>2018</b> , 41, 382-387	3
522	Airway and sleep disorders in patients with acromegaly. <b>2018</b> , 12, 1003-1010	14
521	High intensity interval training (HIIT) improves resting blood pressure, metabolic (MET) capacity and heart rate reserve without compromising cardiac function in sedentary aging men. <b>2018</b> , 109, 75-81	36
520	Genotype, phenotype and disease severity reflected by serum LysoGb3 levels in patients with Fabry disease. <b>2018</b> , 123, 148-153	48
519	LV Mass Independently Predicts Mortality and Need for Future Revascularization in Patients Undergoing Diagnostic Coronary Angiography. <b>2018</b> , 11, 423-433	15
518	Global longitudinal strain corrected by RR interval is a superior predictor of all-cause mortality in patients with systolic heart failure and atrial fibrillation. <b>2018</b> , 5, 311-318	13
517	Excessive physical activity in young girls with restrictive-type anorexia nervosa: its role on cardiac structure and performance. <b>2018</b> , 23, 653-663	8

516	Left Ventricular Hypertrophy Predicts Cardiovascular Events in Hypertensive Patients With Coronary Artery Calcifications. <b>2018</b> , 31, 313-320	7
515	Subclinical target organ damage in subjects with different components of metabolic syndrome. <b>2018</b> , 40, 421-426	1
514	Predictors of survival stratification in patients with wild-type cardiac amyloidosis. <b>2018</b> , 107, 158-169	36
513	Bilateral sphenopalatine ganglion block reduces blood pressure in never treated patients with essential hypertension. A randomized controlled single-blinded study. <b>2018</b> , 250, 233-239	5
512	Mitral regurgitation severity correlates with symptoms and extent of left atrial dysfunction: Effect of mitral valve repair. <b>2018</b> , 46, 32-40	4
511	Aldosterone induces left ventricular subclinical systolic dysfunction: a strain imaging study. <b>2018</b> , 36, 353-360	18
510	Sexual dysfunction as a determinant of cardiovascular outcome in patients undergoing chronic hemodialysis. <b>2018</b> , 30, 14-20	4
509	High serum bilirubin is associated with lower prevalence of peripheral arterial disease among cardiac patients. <b>2018</b> , 476, 60-66	11
508	LVH and CAD: New Steps Down an Old Path. <b>2018</b> , 11, 434-436	
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486	Left and right ventricular morphology and function in athletes with elevated pulmonary systolic arterial pressure. <b>2018</b> , 35, 769-776	4
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483	Plasma glucosylceramides and cardiovascular risk in incident hemodialysis patients. <b>2018</b> , 12, 1513-1522.e4	9
482	Associations of sensitive cardiac troponin-I with left ventricular morphology, function and prognosis in end-stage renal disease patients with preserved ejection fraction. <b>2018</b> , 33, 1334-1342	7
481	Clinical Consequences of Cardiomyopathy in Children With Biliary Atresia Requiring Liver Transplantation. <b>2019</b> , 69, 1206-1218	14

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478	Changes in cardiac function after renal transplantation in children: Significance of pre-transplantation left ventricular hypertrophy. <b>2019</b> , 23, e13558	2
477	Sympathetic Nerve Traffic and Arterial Baroreflex Function in Apparent Drug-Resistant Hypertension. <b>2019</b> , 74, 903-909	5
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475	Molecular autopsy and family screening in a young case of sudden cardiac death reveals an unusually severe case of FHL1 related hypertrophic cardiomyopathy. <b>2019</b> , 7, e841	6
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473	Noninvasive imaging methods for evaluating cardiovascular involvement in patients with rheumatoid arthritis before and after anti-TNF drug treatment. <b>2019</b> , 5, FSO396	4
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467	Evaluating heart function in patients with POEMS syndrome. <b>2019</b> , 36, 1997-2003	0
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465	Echocardiography overestimates LV mass in the elderly as compared to cardiac CT. <b>2019</b> , 14, e0224104	0
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446	Hypertension and hypertensive left ventricular hypertrophy are associated with ACE2 genetic polymorphism. <b>2019</b> , 225, 39-45	39
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403	Sex-specific pattern of left ventricular hypertrophy and diastolic function in patients with type 2 diabetes mellitus. <b>2021</b> , 22, 930-940	2
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401	U-shaped relationship between left ventricular mass index and estimated glomerular filtration rate in patients with primary aldosteronism. <b>2020</b> , 68, 371-377	2
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385	Serum uric acid level and subclinical left ventricular dysfunction: a community-based cohort study. <b>2020</b> , 7, 1031-1038	7
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