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Usefulness of systolic excursion of the mitral annulus as an index of left ventricular systolic function

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#	Paper	IF	Citations
198	Systolic excursion of the mitral annulus as an index of left ventricular systolic function. <i>American Journal of Cardiology</i> , 1991 , 68, 829-30	3	1
197	Atrioventricular plane displacement and left ventricular function. <i>Journal of the American Society of Echocardiography</i> , 1992 , 5, 427-33	5.8	58
196	Assessment by echocardiogram of left ventricular diastolic function in healthy subjects using the atrioventricular plane displacement. <i>American Journal of Cardiology</i> , 1992 , 69, 565-8	3	71
195	Cytologic analysis of pericardial effusion complicating extracardiac malignancy. <i>American Journal of Cardiology</i> , 1992 , 69, 568-71	3	11
194	Quantitation of the motion of the cardiac base in normal subjects by Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1993 , 6, 166-76	5.8	160
193	Cardiac motion can alter proximal isovelocity surface area calculations of regurgitant flow. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 1730-7	15.1	19
192	Significance of echocardiographic atrioventricular plane displacement for the evaluation of left ventricular filling and end-diastolic pressure in patients with coronary artery disease. 1995 , 11, 185-92		8
191	Quantitative Echocardiography Part III: A Review of Methods for the Assessment of Left Ventricular Systolic Performance by Two-Dimensional and Doppler Echocardiography. 1995 , 11, 285-299		
190	A new echocardiographic formula to calculate ejection fraction by using systolic excursion of mitral annulus. 1995 , 46, 157-63		20
189	Differentiation of constrictive pericarditis from restrictive cardiomyopathy: assessment of left ventricular diastolic velocities in longitudinal axis by Doppler tissue imaging. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 108-14	15.1	353
188	Systolic excursion of the mitral annulus to assess septal function in paradoxical septal motion. <i>American Heart Journal</i> , 1996 , 131, 138-45	4.9	17
187	Assessment of mitral annular dynamics during diastole by Doppler tissue imaging: comparison with mitral Doppler inflow in subjects without heart disease and in patients with left ventricular hypertrophy. <i>American Heart Journal</i> , 1996 , 131, 982-7	4.9	252
186	Mitral annular descent velocity by tissue Doppler echocardiography as an index of global left ventricular function. <i>American Journal of Cardiology</i> , 1996 , 77, 979-84	3	317
185	Doppler tissue imaging: a noninvasive technique for evaluation of left ventricular relaxation and estimation of filling pressures. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 1527-33	15.1	2398
184	Treatment with ramipril improves systolic function even in patients with mild systolic dysfunction and symptoms of heart failure after acute myocardial infarction. <i>Clinical Cardiology</i> , 1998 , 21, 807-11	3.3	11
183	Right and left ventricular wall motion velocities as diagnostic indicators of constrictive pericarditis. <i>American Journal of Cardiology</i> , 1998 , 81, 465-70	3	38
182	New modalities of regional and global left ventricular function analysis: state of the art. <i>American Journal of Cardiology</i> , 1998 , 81, 49G-57G	3	23

181	Usefulness of coronary angiography for assessing left ventricular function. <i>American Journal of Cardiology</i> , 1998 , 82, 384-6	3	5
180	[Asynchrony of ventricular contraction and relaxation--pathophysiologically recognized phenomenon, now can be clinically assessed]. 1998 , 23, 506-15		0
179	Amplitudes, durations, and timings of apically directed left ventricular myocardial velocities: II. Systolic and diastolic asynchrony in patients with left ventricular hypertrophy. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 112-8	5.8	82
178	Regional left ventricular wall motion abnormalities in myocardial infarction and mitral annular descent velocities studied with pulsed tissue Doppler imaging. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 841-8	5.8	82
177	Amplitudes, durations, and timings of apically directed left ventricular myocardial velocities: I. Their normal pattern and coupling to ventricular filling and ejection. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 105-11	5.8	103
176	Abnormal ventricular activation and repolarisation during dobutamine stress echocardiography in coronary artery disease. <i>Heart</i> , 1998 , 79, 468-73	5.1	27
175	The Use of Echocardiography in the Intensive Care Unit. 1998 , 2, 52-65		
174	Echocardiographic assessment of ejection fraction in left ventricular hypertrophy. <i>Heart</i> , 1999 , 82, 192-8	5.1	66
173	Assessment of Left Ventricular Systolic Function Using Color-Coded Tissue Doppler Echocardiography. <i>Echocardiography</i> , 1999 , 16, 455-463	1.5	8
172	Tissue Doppler imaging (TDI) for on-line detection of regional early diastolic ventricular asynchrony in patients with coronary artery disease. 1999 , 15, 379-90		9
171	M-mode analysis of mitral annulus motion for detection of pseudonormalization of the mitral inflow pattern. <i>American Journal of Cardiology</i> , 1999 , 84, 692-7	3	10
170	Evaluation of left ventricular contraction abnormalities in patients with dilated cardiomyopathy with the use of pulsed tissue Doppler imaging. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 913-20	5.8	65
169	Left ventricular systolic wall motion velocities along the long and short axes measured by pulsed tissue Doppler imaging in patients with atrial fibrillation. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 121-8	5.8	35
168	Pulsed tissue Doppler imaging of left ventricular systolic and diastolic wall motion velocities to evaluate differences between long and short axes in healthy subjects. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 308-13	5.8	99
167	Noninvasive localization of accessory pathways in patients with Wolff-Parkinson-White syndrome with the use of myocardial Doppler imaging. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 32-40	5.8	17
166	Reproducibility of pulsed wave tissue Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 492-9	5.8	112
165	Electromechanical left ventricular behavior after nonsurgical septal reduction in patients with hypertrophic obstructive cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 1999 , 34, 1117-22	15.1	38
164	Pulsed Doppler tissue imaging of mitral annular motion: a new technique in the non-invasive assessment of diastolic function. 1999 , 10, 75-82		6

163	Tissue Doppler echocardiography. 2000 , 15, 323-9		40
162	The relation between mitral annulus motion and ejection fraction changes with age and heart size. 2000 , 20, 38-43		26
161	The relation between mitral annulus motion and left ventricular ejection fraction in atrial fibrillation. 2000 , 20, 44-9		19
160	The relation between ejection fraction and mitral annulus motion before and after direct-current electrical cardioversion. 2000 , 20, 218-24		24
159	Influence of body size and age on maximal systolic velocity of mitral annulus motion. 2000 , 20, 272-8		12
158	Assessment of Diastolic Function using Mitral Annulus Velocity by Doppler Tissue Velocity in the Patients with Hypertension. 2000 , 30, 1117		
157	Growth hormone and insulin-like growth factor-1 in acute myocardial infarction. 2000 , 21, 1547-54		35
156	The importance of long axis ventricular function. 2000 , 84, 577-9		28
155	The relation between mitral annulus motion and ejection fraction: a nonlinear function. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 896-901	5.8	43
154	Strain rate imaging by ultrasonography in the diagnosis of coronary artery disease. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 1053-64	5.8	95
153	Long-axis contraction of the ventricles: a modern approach, but described already by Leonardo da Vinci. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 699-706	5.8	38
152	Myocardial longitudinal motion by tissue velocity imaging in the evaluation of patients with myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 818-26	5.8	38
151	Pulsed Doppler tissue imaging of the velocity of tricuspid annular systolic motion; a new, rapid, and non-invasive method of evaluating right ventricular systolic function. 2001 , 22, 340-8		456
150	Tissue Doppler imaging: a useful echocardiographic method for the cardiac sonographer to assess systolic and diastolic ventricular function. <i>Journal of the American Society of Echocardiography</i> , 2001 , 14, 1143-52	5.8	168
149	Tricuspid annular velocity measurement. Simple and accurate solution for a delicate problem?. 2001 , 22, 280-2		16
148	Usefulness of coronary angiography for assessing left ventricular systolic function. 2001 , 10, 127-130		
147	The relation of the peak Doppler E-wave to peak mitral annulus velocity ratio to diastolic function. <i>Ultrasound in Medicine and Biology</i> , 2001 , 27, 499-507	3.5	46
146	The mode of left ventricular pumping: is there an outer contour change in addition to the atrioventricular plane displacement?. 2001 , 21, 437-46		31

145	Atrioventricular plane displacement correlates closely to circulatory dimensions but not to ejection fraction in normal young subjects. 2001 , 21, 621-8		25
144	Mitral annulus motion as determined by M-mode echocardiography in normal dogs and dogs with cardiac disease. 2001 , 42, 52-61		23
143	Differentiation between pathologic and physiologic left ventricular hypertrophy by tissue Doppler assessment of long-axis function in patients with hypertrophic cardiomyopathy or systemic hypertension and in athletes. <i>American Journal of Cardiology</i> , 2001 , 88, 53-8	3	253
142	Maternal left ventricular transverse and long-axis systolic function during pregnancy. 2001 , 18, 467-74		42
141	Assessment of left ventricular long axis contraction can detect early myocardial dysfunction in asymptomatic patients with severe aortic regurgitation. 2001 , 85, 30-6		110
140	Long axis electromechanics during dobutamine stress in patients with coronary artery disease and left ventricular dysfunction. 2001 , 86, 397-404		27
139	Transcatheter closure of atrial septal defect preserves right ventricular function. 2002 , 87, 461-5		64
138	Rapid down-regulation of thyroid hormones in acute myocardial infarction: is it cardioprotective in patients with angina?. 2002 , 162, 1388-94		106
137	Tissue Doppler imaging for the assessment of left ventricular systolic and diastolic functions. 2002 , 17, 431-42		56
136	Left ventricular long-axis changes in early diastole and systole: impact of systolic function on diastole. 2002 , 102, 515-522		79
135	Left ventricular long-axis changes in early diastole and systole: impact of systolic function on diastole. 2002 , 102, 515		39
134	Early systolic mitral annular motion velocities responses to dobutamine infusion predict myocardial viability in patients with previous myocardial infarction. <i>American Heart Journal</i> , 2002 , 143, 552-8	4.9	16
133	Prognostication and risk stratification by assessment of left atrioventricular plane displacement in patients with myocardial infarction. <i>International Journal of Cardiology</i> , 2002 , 83, 35-41	3.2	32
132	Longitudinal motion of the atrioventricular annuli in children: reference values, growth related changes, and effects of right ventricular volume and pressure overload. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 906-16	5.8	42
131	Usefulness of Doppler tissue imaging analysis of tricuspid annular motion for determination of right ventricular function in normal infants and children. <i>American Journal of Cardiology</i> , 2002 , 89, 610-3 ³		68
130	Estimation of global left ventricular function from the velocity of longitudinal shortening. <i>Echocardiography</i> , 2002 , 19, 177-85	1.5	41
129	The wall-thinning to transmitral flow-velocity relation: derivation with in vivo validation. <i>Ultrasound in Medicine and Biology</i> , 2002 , 28, 745-55	3.5	5
128	Three-dimensional assessment of two-dimensional technique for evaluation of right ventricular function by tricuspid annulus motion. 2003 , 19, 189-97		31

127	[Evaluation of abnormal myocardial wall motions in patients with univentricular heart by tissue Doppler echocardiography]. 2003 , 92, 319-25		6
126	Usefulness of tissue Doppler echocardiography for evaluating ventricular function in children without heart disease. <i>American Journal of Cardiology</i> , 2003 , 91, 570-4	3	55
125	Tissue Doppler, strain, and strain rate echocardiography for the assessment of left and right systolic ventricular function. 2003 , 89 Suppl 3, iii9-17		99
124	Assessment of left ventricular function using mitral annular velocities in patients with congestive heart failure with or without the presence of significant mitral regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 240-5	5.8	42
123	Systolic long axis function of the left ventricle. Global and regional information. 2003 , 37, 253-8		33
122	Effects of postural changes on cardiac function in healthy subjects. <i>European Journal of Echocardiography</i> , 2003 , 4, 196-201		22
121	Application of tissue Doppler imaging in cardiology. 2004 , 101, 170-84		95
120	Mid aortic syndrome and Alagille syndrome. <i>Heart</i> , 2004 , 90, 1150	5.1	3
119	Mitral annular motion as a surrogate for left ventricular ejection fraction: real-time three-dimensional echocardiography and magnetic resonance imaging studies. <i>European Journal of Echocardiography</i> , 2004 , 5, 407-15		29
118	Exercise capacity and cardiac function assessed by tissue Doppler imaging in chronic heart failure. <i>Heart</i> , 2004 , 90, 1144-50	5.1	46
117	A novel method to assess systolic ventricular function using atrioventricular plane displacement--a study in young healthy males and patients with heart disease. <i>Clinical Physiology and Functional Imaging</i> , 2004 , 24, 190-5	2.4	16
116	Right ventricular long-axis function in relation to left ventricular systolic function. <i>Clinical Physiology and Functional Imaging</i> , 2004 , 24, 212-5	2.4	13
115	Left ventricular long-axis function is reduced in patients with rheumatic mitral stenosis. <i>Echocardiography</i> , 2004 , 21, 107-12	1.5	30
114	Amplitude and velocity of mitral annulus motion in rabbits. <i>Echocardiography</i> , 2004 , 21, 313-7	1.5	7
113	Evaluation of left ventricular ejection fraction by tissue locus imaging. <i>American Journal of Cardiology</i> , 2004 , 94, 273-5	3	
112	Stroke volume and mitral annular velocities. Insights from tissue Doppler imaging. 2004 , 93, 799-806		6
111	Comparison between angiographic right coronary artery motion and echocardiographic tricuspid annulus motion. 2004 , 38, 85-92		1
110	Impact of cardiac growth on Doppler tissue imaging velocities: a study in healthy children. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 212-21	5.8	307

109	Fixed-apex mitral annular descent correlates better with left ventricular systolic function than does free-apex left ventricular long-axis shortening. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 101-7	5.8	5
108	Factors associated with mitral annular systolic and diastolic velocities in healthy adults. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 1146-54	5.8	32
107	Longitudinal myocardial velocity gradient derived from pulsed Doppler tissue imaging in AL amyloidosis: a sensitive indicator of systolic and diastolic dysfunction. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 36-44	5.8	50
106	IL-6 levels in acute and post myocardial infarction: their relation to CRP levels, infarction size, left ventricular systolic function, and heart failure. 2004 , 15, 523-528		78
105	Tissue Doppler imaging for predicting outcome in patients with cardiovascular disease. 2004 , 19, 458-63		45
104	Evaluation of cardiac function by tissue Doppler echocardiography: hemodynamic determinants and clinical application. <i>Ultrasound in Medicine and Biology</i> , 2005 , 31, 23-30	3.5	14
103	Analysis of atrial and ventricular performance by tissue Doppler imaging in patients with atrial septal defects before and after surgical and catheter closure. <i>Echocardiography</i> , 2005 , 22, 579-85	1.5	45
102	Role of echocardiography in the contemporary management of chronic heart failure. 2005 , 3, 51-70		4
101	Systolic and diastolic function in middle aged patients with sickle beta thalassaemia. An echocardiographic study. 2005 , 81, 711-4		5
100	Automated mitral annular tracking: a novel method for evaluating mitral annular motion using two-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 306-12	5.8	12
99	Opposite effects of coronary artery disease and hypertrophic cardiomyopathy on left ventricular long axis function during dobutamine stress. <i>International Journal of Cardiology</i> , 2005 , 101, 123-8	3.2	3
98	Impaired tissue Doppler diastolic function in patients with coronary artery disease: relationship to endothelial damage/dysfunction and platelet activation. <i>American Heart Journal</i> , 2005 , 150, 756-66	4.9	24
97	Transesophageal echocardiographic acquisition of mitral annulus motion during monitoring of left ventricular function in anesthetized patients. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 499-506	5.8	5
96	Comparison between aortic annulus motion and mitral annulus motion obtained using echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2006 , 26, 257-62	2.4	7
95	Maternal cardiac function in fetal growth restriction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006 , 113, 784-91	3.7	36
94	Maximum longitudinal relaxation velocity of the left ventricle: its clinical value and relationship with NT-proBNP plasma levels in heart failure. <i>Echocardiography</i> , 2006 , 23, 295-302	1.5	4
93	Usefulness of isovolumic and systolic ejection signals by tissue Doppler for the assessment of left ventricular systolic function in ischemic or idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 2006 , 97, 872-5	3	23
92	Assessment of left ventricular global and segmental systolic function with transesophageal echocardiography. <i>Anesthesiology Clinics</i> , 2006 , 24, 755-62		3

91	Systolic dysfunction in heart failure with a normal ejection fraction: echo-Doppler measurements. <i>Progress in Cardiovascular Diseases</i> , 2006 , 49, 196-206	8.5	59
90	Mitral annular motion as a surrogate for left ventricular function: correlation with brain natriuretic peptide levels. <i>European Journal of Echocardiography</i> , 2006 , 7, 187-98		68
89	Effect of endovascular stenting of aortic coarctation on biventricular function in adults. <i>Heart</i> , 2007 , 93, 1441-7	5.1	22
88	Acute biventricular pacing after cardiac surgery has no influence on regional and global left ventricular systolic function. <i>Europace</i> , 2007 , 9, 432-6	3.9	16
87	Abnormalities of left ventricular long-axis function predict the onset of hypertension independent of blood pressure: a 7-year prospective study. <i>Journal of Human Hypertension</i> , 2007 , 21, 539-45	2.6	3
86	Short term effects of physical exercise and low calorie diet on left ventricular function in obese subjects: a tissue Doppler study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 358-64	4.5	13
85	Dynamic change in mitral annular area and motion during percutaneous mitral annuloplasty for ischemic mitral regurgitation: preliminary animal study with real-time 3-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 381-8	5.8	28
84	Tissue Doppler imaging a new prognosticator for cardiovascular diseases. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1903-14	15.1	432
83	Automated tracking of the mitral valve annulus motion in apical echocardiographic images using multidimensional dynamic programming. <i>Ultrasound in Medicine and Biology</i> , 2007 , 33, 1389-99	3.5	23
82	Comparison between aortic, mitral and tricuspid annular velocities measured with quantitative two-dimensional color Doppler tissue imaging in healthy subjects. <i>Clinical Physiology and Functional Imaging</i> , 2007 , 27, 275-83	2.4	2
81	Mitral annular excursion during exercise in endurance athletes. <i>Clinical Physiology and Functional Imaging</i> , 2008 , 28, 27-31	2.4	3
80	Comparative echocardiographic analysis of mitral and tricuspid annular motion: differences explained with proposed anatomic-structural correlates. <i>Echocardiography</i> , 2007 , 24, 353-9	1.5	39
79	Quantification of global left ventricular systolic dysfunction in patients with coronary artery disease by pulsed Doppler tissue imaging: the value of mitral annulus time intervals. <i>Echocardiography</i> , 2007 , 24, 360-5	1.5	3
78	Asynchronous movement of mitral annulus: an additional mechanism of ischaemic mitral regurgitation. <i>Clinical Cardiology</i> , 2007 , 30, 512-6	3.3	13
77	Tissue Doppler imaging adds incremental value in predicting exercise capacity in patients with congestive heart failure. <i>Heart and Vessels</i> , 2007 , 22, 237-44	2.1	41
76	Time continuous detection of the left ventricular long axis and the mitral valve plane in 3-D echocardiography. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 196-207	3.5	27
75	Left and right ventricular long-axis function and prognosis. <i>Heart</i> , 2008 , 94, 262-3	5.1	12
74	Assessment of Systolic Heart Failure. 2008 , 79-88		

73	Manual zur Indikation und Durchführung der Echokardiographie. <i>Clinical Research in Cardiology Supplements</i> , 2009 , 4, 3-51	3.1	22
72	Delayed tricuspid valve ascent and descent components in pulmonary hypertension. <i>International Journal of Cardiology</i> , 2009 , 131, 399-402	3.2	2
71	Tissue Doppler imaging measurement of left ventricular systolic function in children: mitral annular displacement index is superior to peak velocity. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 376-82	5.8	37
70	Left ventricle longitudinal deformation assessment by mitral annulus displacement or global longitudinal strain in chronic ischemic heart disease: are they interchangeable?. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 823-30	5.8	38
69	[Echocardiography for the internist]. <i>Medizinische Klinik</i> , 2010 , 105, 96-106		
68	[Interest of tricuspid annular displacement (TAD) in evaluation of right ventricular ejection fraction]. <i>Annales De Cardiologie Et D'Angiologie</i> , 2010 , 59, 61-6	0.5	7
67	[Mean systolic annular velocity and strain score index: new and non-invasive parameters for the evaluation of acute myocardial infarction patients]. <i>Anatolian Journal of Cardiology</i> , 2010 , 10, 239-46		
66	Peak systolic velocity of mitral annular longitudinal movement measured by pulsed tissue Doppler imaging as an index of global left ventricular contractility. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1608-15	5.2	41
65	QRS prolongation during exercise stress testing: beyond ST segment depression. <i>International Journal of Cardiology</i> , 2010 , 144, e54-5	3.2	
64	Assessing left ventricular systolic function in shock: evaluation of echocardiographic parameters in intensive care. <i>Critical Care</i> , 2011 , 15, R200	10.8	61
63	Impact of cilostazol on left ventricular geometry and function: assessment by tissue Doppler imaging and two-dimensional speckle-tracking echocardiography. <i>Echocardiography</i> , 2011 , 28, 431-7	1.5	5
62	Myocardial function and aerobic fitness in adolescent females. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1991-7	3.4	5
61	Characterization of mitral valve annular dynamics in the beating heart. <i>Annals of Biomedical Engineering</i> , 2011 , 39, 1690-702	4.7	53
60	Mitral annular plane systolic excursion on exercise: a simple diagnostic tool for heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2011 , 13, 953-60	12.3	63
59	Assessment of left ventricular function by GPs using pocket-sized ultrasound. <i>Family Practice</i> , 2012 , 29, 534-40	1.9	29
58	Myocardial performance assessment in neonates by one-segment strain and strain rate analysis by tissue Doppler - a quality improvement cohort study. <i>BMJ Open</i> , 2012 , 2,	3	8
57	New method for quantifying and correcting underestimated cardiac Doppler blood flow velocities: in vitro and in vivo studies. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 1778-83	3.5	1
56	Left ventricular long-axis function: reference values of the mitral annular plane systolic excursion in 558 healthy children and calculation of z-score values. <i>American Heart Journal</i> , 2012 , 164, 125-31	4.9	44

55	Mitral annular longitudinal function preservation after mitral valve repair: the MARTE study. <i>International Journal of Cardiology</i> , 2012 , 157, 212-5	3.2	15
54	On early detection of myocardial dysfunction in asymptomatic severe mitral regurgitation. <i>Echocardiography</i> , 2012 , 29, 265-6	1.5	0
53	Mitral annulus posterior systolic excursion instead of left ventricular ejection fraction to evaluate left ventricular systolic function both during urgent hypertensive crisis and after blood pressure normalization. <i>Journal of Clinical Hypertension</i> , 2012 , 14, 480	2.3	
52	Mitral annular displacement by Doppler tissue imaging may identify coronary occlusion and predict mortality in patients with non-ST-elevation myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 875-84	5.8	11
51	Longitudinal systolic ventricular interaction in pediatric and young adult patients with TOF: a cardiac magnetic resonance and M-mode echocardiographic study. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1707-15	2.5	8
50	Peripartum cardiomyopathy: a review article. <i>International Journal of Cardiology</i> , 2013 , 164, 33-8	3.2	34
49	Patterns of cardiac dysfunction coinciding with exertional breathlessness in hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2013 , 170, 233-8	3.2	6
48	Role of tissue Doppler imaging in predicting left ventricular dysfunction after myocardial infarction. <i>Egyptian Journal of Critical Care Medicine</i> , 2013 , 1, 87-94	0	
47	Clinical implication of mitral annular plane systolic excursion for patients with cardiovascular disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 205-12	4.1	104
46	The relationship between mitral annular systolic velocity and ejection fraction in patients with preserved global systolic function of the left ventricle. <i>BMC Cardiovascular Disorders</i> , 2013 , 13, 92	2.3	3
45	Echocardiographic changes in patients with stage 3-5 chronic kidney disease and left ventricular diastolic dysfunction. <i>CardioRenal Medicine</i> , 2014 , 4, 234-43	2.8	3
44	Concordance and reproducibility between M-mode, tissue Doppler imaging, and two-dimensional strain imaging in the assessment of mitral annular displacement and velocity in patients with various heart conditions. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 62-9	4.1	37
43	The early diastolic myocardial velocity: a marker of increased risk in patients with coronary heart disease. <i>Clinical Physiology and Functional Imaging</i> , 2014 , 34, 389-96	2.4	
42	Integrating the knowledge: strength and limitations of echo techniques to diagnose and stage heart failure with preserved ejection fraction. <i>Journal of Cardiovascular Medicine</i> , 2014 , 15, 85-91	1.9	2
41	Tissue Doppler imaging in rheumatic carditis. <i>Cardiology in the Young</i> , 2014 , 24, 359-65	1	2
40	Evaluation of cardiac functions of patients with benign joint hypermobility syndrome. <i>Pediatric Cardiology</i> , 2014 , 35, 374-9	2.1	3
39	The effects of pre-pregnancy obesity on fetal cardiac functions. <i>Pediatric Cardiology</i> , 2014 , 35, 838-43	2.1	18
38	Altered right ventricular function in the long-term follow-up evaluation of patients after delayed aortic reimplantation of the anomalous left coronary artery from the pulmonary artery. <i>Pediatric Cardiology</i> , 2014 , 35, 530-5	2.1	4

37	Pre-ejection mitral annular motion velocity responses to dobutamine infusion: A quantitative approach for assessment of myocardial viability. <i>Journal of the Saudi Heart Association</i> , 2014 , 26, 15-22	0.7	
36	Clinical Implication of Mitral Annular Plane Excursion in Patients with Preserved Ejection Fraction. <i>Journal of Hypertension</i> , 2015 , 33, e14-e16	1.9	
35	Assessment of Ventricular-Vascular Function by Echocardiography. 2015 , 143-175		1
34	Congenital Heart Disease. 2015 ,		
33	Global Left Ventricular Systolic Function Assessment. 2015 , 111-125		3
32	Left Ventricle Tissue Doppler Imaging Predicts Disease Severity in Septic Patients Newly Admitted in an Emergency Unit. <i>Journal of Emergency Medicine</i> , 2015 , 49, 907-15	1.5	5
31	Long-axis fractional shortening and mitral annulus motion in dogs. <i>Semina:Ciencias Agrarias</i> , 2016 , 37, 3115	0.6	1
30	Reduced long axis strain is associated with heart failure and cardiovascular events in the multi-ethnic study of Atherosclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 178-85	5.6	16
29	Assessment of global left ventricular excursion using three-dimensional dobutamine stress echocardiography to identify significant coronary artery disease. <i>Echocardiography</i> , 2016 , 33, 1532-1538	1.5	2
28	Early Ventricular Dysfunction After Anthracycline Chemotherapy in Children. <i>Pediatric Cardiology</i> , 2016 , 37, 537-44	2.1	14
27	Mitral annular motion in patients after transcatheter MitraClip and mitral valve surgery. <i>Echocardiography</i> , 2017 , 34, 334-339	1.5	2
26	A comprehensive analysis of cardiac valve plane displacement in healthy adults: age-stratified normal values by cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 721-729	2.5	13
25	Transesophageal Echocardiography in Swine: Establishment of a Baseline. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 974-980	3.5	8
24	Assessment of Longitudinal Shortening in Cardiomyopathies with Cardiac Magnetic Resonance. <i>Current Cardiovascular Imaging Reports</i> , 2017 , 10, 1	0.7	1
23	Regional differences in prognostic value of cardiac valve plane displacement in systemic light-chain amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 87	6.9	8
22	Agreement between anatomical M-mode and tissue Doppler imaging in the assessment of fetal atrioventricular annular plane displacement in uncomplicated pregnancies: A prospective longitudinal study. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019 , 45, 2150-2157	1.9	2
21	Cardiac and Haemodynamic Function. 2019 , 206-221		
20	Assessment of Systemic Blood Flow and Myocardial Function in the Neonatal Period Using Ultrasound. 2019 , 191-204		

19	Decreased atrioventricular plane displacement after acute myocardial infarction yields a concomitant decrease in stroke volume. <i>Journal of Applied Physiology</i> , 2020 , 128, 252-263	3.7	5
18	Diagnostic utility of mitral annular displacement by speckle tracking echocardiography in predicting significant coronary artery disease in suspected chronic stable angina pectoris. <i>Echocardiography</i> , 2020 , 37, 2010-2017	1.5	
17	Diastolic dysfunction in patients with brucellosis despite the absence of infective endocarditis. <i>Cardiology in the Young</i> , 2020 , 30, 1840-1843	1	1
16	MITRAL ANNULAR PLANE SYSTOLIC EXCURSION-DERIVED FORMULA TO CALCULATE THE EJECTION FRACTION: A SIMPLE, EASY AND RAPID ECHOCARDIOGRAPHY PARAMETER TO ASSES LEFT VENTRICLE SYSTOLIC DYSFUNCTION. 2021 , 54-56		
15	Assessment of cardiac functions in infants with cow's milk allergy. <i>Medical Science Monitor</i> , 2014 , 20, 1383-8	3.2	1
14	Left ventricular long axis tissue Doppler systolic velocity is independently related to heart rate and body size. <i>PLoS ONE</i> , 2017 , 12, e0173383	3.7	8
13	The time-course changes of NT-proBNP and tissue Doppler indices in patients undergoing mitral valve replacement. <i>Cardiovascular Journal of Africa</i> , 2012 , 23, 200-5	0.7	2
12	Tissue Doppler and Speckle Tracking Echocardiography. 2007 , 115-137		
11	Heart failure with normal left ventricular ejection fraction (HFNEF). 2009 , 113-128		
10	Transesophageal Echocardiography. 2010 , 1329-1356		0
9	Echocardiography in Acute Coronary Syndromes. 2011 , 129-147		
8	Heart Failure with Normal Left Ventricular Ejection Fraction (HFNEF). 2017 , 273-339		
7	Atrial-ventricular function in rheumatic mitral regurgitation using strain imaging. <i>Echo Research and Practice</i> , 2020 , 7, 9-17	2	
6	Mitral annulus motion versus long-axis fractional shortening. <i>Experimental and Clinical Cardiology</i> , 2006 , 11, 302-4		9
5	Evaluation of left ventricular long-axis function in cases of rheumatic pure mitral stenosis with atrial fibrillation. <i>Texas Heart Institute Journal</i> , 2008 , 35, 22-7	0.8	4
4	Tricuspid annulus motion and mitral annulus motion: Anatomical intimacy causing a good correlation?. <i>Experimental and Clinical Cardiology</i> , 2005 , 10, 111-5		1
3	Doppler tissue imaging: a non-invasive technique for estimation of left ventricular end diastolic pressure in severe mitral regurgitation. <i>The Journal of Tehran Heart Center</i> , 2010 , 5, 122-7	0.3	
2	Myocardial Mechanics. 2017 , 128-146		

1. Métodos de valoración de la fracción de eyección del ventrículo izquierdo. *Revista De Ecocardiografía Práctica Y Otras Técnicas De Imagen Cardíaca*, **2018**, 1, 1-6

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