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Evaluation of pulmonary artery pressure and resistance by pulsed Doppler echocardiography

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306	Bibliography of biomedical ultrasound. No. 74. <b>1988</b> , 14, 311-30		1
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304	The Current Role of Doppler Echocardiography in the Diagnosis of Heart Disease in Children. <b>1989</b> , 7, 265-297		9
303	Two-dimensional and Doppler-echocardiographic and cardiac catheterization correlates of survival in primary pulmonary hypertension. <b>1989</b> , 80, 353-60		192
302	Prevalence and significance of left ventricular filling abnormalities determined by Doppler echocardiography in young type I (insulin-dependent) diabetic patients. <i>American Journal of Cardiology</i> , <b>1989</b> , 64, 1010-6	3	100
301	Doppler measurements of aortic blood flow velocity and acceleration: load-independent indexes of left ventricular performance?. <i>American Journal of Cardiology</i> , <b>1989</b> , 64, 935-6	3	25
300	Comparison of several noninvasive methods for estimation of pulmonary artery pressure. <b>1989</b> , 2, 157-71		65
299	Pulsed Doppler echocardiography in the diagnosis of pulmonary hypertension in COPD. <b>1990</b> , 98, 280-5		27
298	Effect of sampling site on Doppler-derived right ventricular systolic time intervals. <i>American Journal of Cardiology</i> , <b>1990</b> , 65, 950-2	3	5
297	The clinical value and risks of lung biopsy in children with congenital heart disease. <b>1990</b> , 99, 460-468		19
296	Usefulness of left and right oblique subcostal view in the echo-Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo-Doppler evaluation of pulmonary blood flow. <b>1990</b> , 98, 286-9		6
295	Doppler assessment of pulmonary hypertension induced by hypoxic breathing in subjects susceptible to high altitude pulmonary edema. <b>1990</b> , 142, 796-801		42

294	Relation between blood pressure, left ventricular mass and pulsed Doppler parameters in healthy school children. <b>1990</b> , 32, 275-81		1
293	Doppler estimation of changes in pulmonary artery pressure during hypoxic breathing. <b>1991</b> , 4, 121-30		22
292	Intraluminal pulsed Doppler evaluation of the pulmonary artery velocity time curve in a canine model of acute pulmonary hypertension. <b>1991</b> , 100, 474-9		5
291	Hemodynamic effects of nasal CPAP examined by Doppler echocardiography. <b>1991</b> , 99, 323-6		31
290	Effects of heart rate and pulmonary artery pressure on Doppler pulmonary artery acceleration time in experimental acute pulmonary hypertension. <b>1991</b> , 100, 470-3		23
289	Sustained reduction in valvular regurgitation and atrial volumes with tailored vasodilator therapy in advanced congestive heart failure secondary to dilated (ischemic or idiopathic) cardiomyopathy. <i>American Journal of Cardiology</i> , <b>1991</b> , 67, 259-63	3	61
288	Effects of pacing tachycardia and balloon valvuloplasty on pulmonary artery impedance and hydraulic power in mitral stenosis. <b>1992</b> , 86, 1770-9		16
287	The neonatal transitional circulation: a combined noninvasive assessment. <b>1992</b> , 9, 29-37		12
286	Echocardiographic design of a multicenter investigation of free-living elderly subjects: the Cardiovascular Health Study. <b>1992</b> , 5, 63-72		195
285	Echocardiography of the Right Side of the Heart. <b>1992</b> , 10, 41-57		14
284	Echocardiographic evaluation of pulmonary artery distensibility. <b>1993</b> , 103, 1080-3		26
283	Pulmonary blood velocity patterns in lamb models of pulmonary vascular impairment. <b>1994</b> , 9, 57-66		
282	Frequency of chronic obstructive airways disease and pulmonary hypertension in patients with acute inferior myocardial infarction with or without right ventricular infarction. <b>1994</b> , 45, 177-82		
281	Comparative effects of angiotensin II on Doppler parameters of left and right heart systolic and diastolic blood flow. <b>1994</b> , 37, 273-8		10
280	Doppler evaluation of right ventricular outflow impedance during positive-pressure ventilation. <b>1994</b> , 8, 392-7		20
279	Vasoconstrictor effects of angiotensin II on the pulmonary vascular bed. <b>1994</b> , 105, 1360-4		35
278	Pulmonary vasorelaxant activity of atrial natriuretic peptide and brain natriuretic peptide in humans. <b>1995</b> , 50, 183-5		27
277	Blood flow velocity profiles in pulmonary branch arteries in lambs. <b>1995</b> , 117, 237-41		

276	Cardiopulmonary interactions of salbutamol and hypoxaemia in healthy young volunteers. <b>1995</b> , 40, 313-8		6
275	Acute effects of ANP and BNP on hypoxic pulmonary vasoconstriction in humans. <b>1995</b> , 40, 585-90		33
274	Cardiac function in smokers and nonsmokers: the CARDIA study. The Coronary Artery Risk Development in Young Adults Study. <b>1995</b> , 26, 211-6		53
273	Doppler echocardiographic evaluation of pulmonary vascular resistance in children with congenital heart disease. <b>1996</b> , 9, 822-31		24
272	Cardiac and respiratory involvement in advanced stage Duchenne muscular dystrophy. <b>1996</b> , 6, 367-76		105
271	Effects of hypercapnia on hemodynamic, inotropic, lusitropic, and electrophysiologic indices in humans. <b>1996</b> , 109, 1215-21		157
270	Lisinopril attenuates acute hypoxic pulmonary vasoconstriction in humans. <b>1996</b> , 109, 424-9		50
269	Angiotensin II receptor blockade and effects on pulmonary hemodynamics and hypoxic pulmonary vasoconstriction in humans. <b>1996</b> , 110, 698-703		35
268	Atrial natriuretic peptide and brain natriuretic peptide in cor pulmonale. Hemodynamic and endocrine effects. <b>1996</b> , 110, 1220-5		47
267	Acute neurohormonal responses to hypoxaemia in man. <b>1996</b> , 72, 256-60		15
266	Pulmonary blood flow profiles with reduced right ventricular function in lambs. <b>1996</b> , 11, 57-63		1
265	Estimation of pulmonary arterial pressure in the newborn: study of the repeatability of four Doppler echocardiographic techniques. <b>1996</b> , 17, 360-9		41
264	Is noninvasive determination of pulmonary artery pressure feasible using deceleration phase Doppler flow velocity characteristics in mechanically ventilated children with congenital heart disease?. <i>American Journal of Cardiology</i> , <b>1996</b> , 78, 1394-9	3	7
263	The intra- and inter-operator variability of Echo-Doppler measurements for noninvasive pulmonary arterial pressure determination in congenital heart disease. <b>1996</b> , 4, 91-98		2
262	Pulmonary hypertension in schistosomiasis mansoni. <b>1996</b> , 90, 663-5		35
261	Role of Cardiac Ultrasound in the Detection of Pulmonary Embolism. <b>1996</b> , 17, 39-49		8
260	Transesophageal multiplane imaging of the human pulmonary artery: a comparison of MRI and multiplane transesophageal two-dimensional echocardiography. <b>1997</b> , 34, 582-9		2
259	Use of pulsed-wave Doppler echocardiography to measure changes in MPAP. Is further validation required?. <b>1997</b> , 111, 1469-70		

258	Haemodynamic and endocrine effects of type 1 angiotensin II receptor blockade in patients with hypoxaemic cor pulmonale. <b>1997</b> , 33, 201-8	50
257	Effects of frusemide and hypoxia on the pulmonary vascular bed in man. <b>1997</b> , 43, 309-13	16
256	Nitric oxide: an important role in the maintenance of systemic and pulmonary vascular tone in man. <b>1998</b> , 46, 263-6	8
255	Haemodynamic effects of altering arterial oxygen saturation in preterm infants with respiratory failure. <b>1999</b> , 80, F81-7	28
254	Echocardiographic features of primary pulmonary hypertension. <b>1999</b> , 12, 655-62	96
253	Suppressive effect of saprogrelate hydrochloride on Raynaud's phenomenon and respiratory failure in patients with systemic sclerosis. <b>2000</b> , 5, 27-32	7
252	Diagnostic value of resting tricuspid regurgitation velocity and right ventricular ejection flow parameters for the detection of exercise induced pulmonary arterial hypertension. <b>2000</b> , 16, 429-36	33
251	Suppressive effect of sarpgrelate hydrochloride on respiratory failure and right ventricular failure with pulmonary hypertension in patients with systemic sclerosis. <b>2000</b> , 28, 258-68	14
250	Accurate noninvasive estimation of pulmonary vascular resistance by Doppler echocardiography in patients with chronic failure heart failure. <b>2001</b> , 37, 1813-9	84
249	The use of echocardiography in the critical care setting. <b>2001</b> , 17, 253-70, v	12
248	Association between myocardial right ventricular relaxation time and pulmonary arterial pressure in chronic obstructive lung disease: analysis by pulsed Doppler tissue imaging. <b>2001</b> , 14, 970-7	88
247	Role of Doppler echocardiography in the assessment of portopulmonary hypertension in liver transplantation candidates. <b>2001</b> , 71, 572-4	71
246	Diagnostic value of pulsed Doppler echocardiography in acute pulmonary thromboembolism--comparison with pulmonary angiography and pulmonary artery pressure. <b>2001</b> , 65, 171-6	2
245	Cardiac involvement in thalassemia intermedia: a multicenter study. <b>2001</b> , 97, 3411-6	223
244	The use of gated radionuclide ventriculography as a noninvasive method of evaluating right ventricular function in dogs with experimentally induced congestive heart failure. <b>2001</b> , 42, 62-9	3
243	Pulmonary arterial pressure can be estimated by transesophageal pulsed doppler echocardiography. <b>2001</b> , 92, 1364-9	5
242	Haemodynamic evaluation of pulmonary hypertension. <b>2002</b> , 20, 1314-31	261
241	Echocardiography in the management of pulmonary embolism. <b>2002</b> , 136, 691-700	304

240	Systolic time intervals assessed by 2-D echocardiography and spectral Doppler in the horse. <b>2003</b> , 74, 505-510	10
239	Antenatal prediction of pulmonary hypoplasia by acceleration time/ejection time ratio of fetal pulmonary arteries by Doppler blood flow velocimetry. <b>2003</b> , 188, 228-33	75
238	Contrast-enhanced Doppler hemodynamics for noninvasive assessment of patients with chronic heart failure and left ventricular systolic dysfunction. <b>2003</b> , 16, 124-31	16
237	Assessment of right ventricular morphology and function. <b>2003</b> , 24, 245-62	17
236	Pulmonary hypertension in patients with chronic renal failure: role of parathyroid hormone and pulmonary artery calcifications. <b>2003</b> , 124, 2093-7	80
235	Assessment of the ventricular function of patients with advanced chronic obstructive pulmonary disease by using magnetic resonance imaging. <b>2004</b> , 83, 326-31; 320-5	2
234	Papel da ecodopplercardiografia na avaliaçã da hipertensã arterial pulmonar. <b>2004</b> , 30, 78-86	4
233	[Reference values of MRI flow measurements of the pulmonary outflow tract in healthy children]. <b>2004</b> , 176, 837-45	14
232	Clinical and haemodynamic effects of sildenafil in pulmonary hypertension: acute and mid-term effects. <b>2004</b> , 25, 431-6	75
231	The acutely decompensated right ventricle: pathways for diagnosis and management. <b>2005</b> , 128, 1836-52	159
230	Assessment of hemodynamic changes in the systemic and pulmonary arterial circulation in patients with cystic fibrosis using phase-contrast MRI. <b>2005</b> , 15, 1575-80	32
229	Pulmonary artery pressure and blood flow as predictors of outcome from lung cancer resection. <b>2005</b> , 10, 620-8	6
228	Thalassemia heart disease: a comparative evaluation of thalassemia major and thalassemia intermedia. <b>2005</b> , 127, 1523-30	165
227	Pulmonary arterial hypertension: the key role of echocardiography. <b>2005</b> , 127, 1836-43	163
226	Two simple echo-Doppler measurements can accurately identify pulmonary hypertension in the large majority of patients with chronic heart failure. <b>2005</b> , 24, 745-54	63
225	The effects of tonsillectomy and adenoidectomy on pulmonary arterial pressure in children. <b>2005</b> , 26, 18-21	48
224	Increased pulmonary vascular resistance and reduced stroke volume in association with CO <sub>2</sub> retention and inferior vena cava dilatation. <b>2006</b> , 101, 866-72	10
223	Hepatopulmonary syndrome and right ventricular diastolic functions: an echocardiographic examination. <b>2006</b> , 23, 271-8	26

222	Doppler echocardiograph evaluation of pulmonary hypertension in patients undergoing hemodialysis. <b>2006</b> , 10, 356-9	45
221	Development of pulmonary hypertension in 5 patients after pediatric living-donor liver transplantation: de novo or secondary?. <b>2006</b> , 12, 870-5	14
220	Acquired right ventricular dysfunction. <b>2006</b> , 92 Suppl 1, i14-8	24
219	Cardiovascular effects of sildenafil in neonates and infants with congenital diaphragmatic hernia and pulmonary hypertension. <b>2007</b> , 91, 92-100	97
218	Echocardiography in the assessment of right heart function. <b>2008</b> , 9, 225-34	110
217	Different time course of changes in tricuspid regurgitant pressure gradient and pulmonary artery flow acceleration after pulmonary thromboendarterectomy: implications for discordant recovery of pulmonary artery pressure and compliance. <b>2007</b> , 71, 1771-5	21
216	Noninvasive cardiac imaging in pulmonary hypertension. <b>2007</b> , 15, 97-101	13
215	Echocardiographic assessment of right heart hemodynamic parameters. <b>2007</b> , 20, 773-82	41
214	Evaluation of a resistance-based model for the quantification of pulmonary arterial hypertension using MR flow measurements. <b>2007</b> , 26, 646-53	27
213	Right ventricular performance in severe obesity. Effect of weight loss. <b>2007</b> , 37, 270-5	18
212	Impaired right ventricular function in adenotonsillar hypertrophy. <b>2008</b> , 24, 261-7	52
211	The relationship between arteriovenous fistula blood flow rate and pulmonary artery pressure in hemodialysis patients. <b>2008</b> , 40, 509-13	31
210	Echocardiography practice, training and accreditation in the intensive care: document for the World Interactive Network Focused on Critical Ultrasound (WINFOCUS). <b>2008</b> , 6, 49	150
209	Noninvasive methods for determining pulmonary vascular function in children with pulmonary arterial hypertension: application of a mechanical oscillator model. <b>2008</b> , 3, 106-16	6
208	N-terminal-pro-B type natriuretic peptide as a useful tool to evaluate pulmonary hypertension and cardiac function in CDH infants. <b>2008</b> , 94, 22-30	24
207	Echocardiographic and right heart catheterization techniques in patients with pulmonary arterial hypertension. <b>2008</b> , 125, 294-303	35
206	Pulmonary hypertension in beta-thalassemia major and the role of L-carnitine therapy. <b>2008</b> , 25, 734-43	26
205	Acetazolamide for Monge's disease: efficiency and tolerance of 6-month treatment. <b>2008</b> , 177, 1370-6	69

204	Pulmonary Hypertension in Peritoneal Dialysis Patients: Prevalence and Risk Factors. <b>2009</b> , 29, 191-198		43
203	[MRI-based flow measurements in the main pulmonary artery to detect pulmonary arterial hypertension in patients with cystic fibrosis]. <b>2009</b> , 181, 139-46		2
202	Comprehensive invasive and noninvasive approach to the right ventricle-pulmonary circulation unit: state of the art and clinical and research implications. <b>2009</b> , 120, 992-1007		352
201	Noninvasive estimation of pulmonary vascular resistance by Doppler echocardiography in patients with pulmonary arterial hypertension. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 872-6	3	53
200	Three-wall segment (TriSeg) model describing mechanics and hemodynamics of ventricular interaction. <b>2009</b> , 37, 2234-55		117
199	Brain natriuretic peptide as a preclinical marker of chronic pulmonary hypertension in patients with pulmonary embolism. <b>2009</b> , 4, 123-8		22
198	Quantitative assessment of pulmonary vascular resistance and reactivity in children with pulmonary hypertension due to congenital heart disease using a noninvasive method: new Doppler-derived indexes. <b>2009</b> , 30, 232-9		23
197	Evaluation of right ventricular systolic and diastolic function in patients with newly diagnosed obstructive sleep apnea syndrome without hypertension. <b>2009</b> , 113, 184-92		29
196	The effect of adenoidectomy on right ventricular performance in children. <b>2009</b> , 73, 1584-8		13
195	Non-invasive investigations of the right heart: how and why?. <b>2009</b> , 102, 219-32		37
194	Accuracy of Doppler echocardiography in the hemodynamic assessment of pulmonary hypertension. <b>2009</b> , 179, 615-21		695
193	Stepping away from ritual right heart catheterization into the era of noninvasively measured pulmonary artery pressure. <b>2009</b> , 22, 820-2		17
192	Critical appraisal on the utility of echocardiography in the management of acute pulmonary embolism. <b>2010</b> , 18, 29-37		40
191	Evaluation of subclinical right ventricular dysfunction in obstructive sleep apnea patients using velocity vector imaging. <b>2010</b> , 74, 312-9		26
190	Lung volumes, ventricular function and pulmonary arterial flow in children operated on for left-sided congenital diaphragmatic hernia: long-term results. <b>2010</b> , 20, 1580-9		12
189	Impact of obstructive sleep apnea on global myocardial performance in children assessed by tissue Doppler imaging. <b>2010</b> , 31, 1025-36		23
188	The long-term effects of arteriovenous fistula creation on the development of pulmonary hypertension in hemodialysis patients. <b>2010</b> , 14, 398-402		46
187	Noninvasive assessment of murine pulmonary arterial pressure: validation and application to models of pulmonary hypertension. <b>2010</b> , 3, 157-63		116



186	Heart Failure in Clinical Practice. <b>2010</b> ,	4
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184	Validation of high-resolution echocardiography and magnetic resonance imaging vs. high-fidelity catheterization in experimental pulmonary hypertension. <b>2010</b> , 299, L401-12	115
183	Reproducibility of myocardial velocity and deformation imaging in term and preterm infants. <b>2010</b> , 11, 44-50	38
182	Glossopharyngeal insufflation and pulmonary hemodynamics in elite breath hold divers. <b>2010</b> , 42, 1688-95	16
181	Evaluation of the influence of age on pulmonary arterial pressure by use of right ventricular catheterization, pulsed-wave Doppler echocardiography, and pulsed-wave tissue Doppler imaging in healthy Beagles. <b>2010</b> , 71, 891-7	8
180	Echocardiographic indexes for the non-invasive evaluation of pulmonary hemodynamics. <b>2010</b> , 23, 225-39; quiz 332-4	114
179	Guidelines for the echocardiographic assessment of the right heart in adults: a report from the American Society of Echocardiography endorsed by the European Association of Echocardiography, a registered branch of the European Society of Cardiology, and the Canadian Society of Echocardiography. <b>2010</b> , 23, 685-743; quiz 786-8	4444
178	Pulmonary vascular and right ventricular dysfunction in adult critical care: current and emerging options for management: a systematic literature review. <b>2010</b> , 14, R169	221
177	Pulmonary artery acceleration time provides an accurate estimate of systolic pulmonary arterial pressure during transthoracic echocardiography. <b>2011</b> , 24, 687-92	116
176	Clinicopathological and radiological study of Egyptian $\beta$ -thalassemia intermedia and $\beta$ -thalassemia major patients: relation to complications and response to therapy. <b>2011</b> , 35, 382-405	16
175	[Pulmonary hypertension in pediatric and neonatal intensive care unit. Part II: diagnosis and treatment]. <b>2011</b> , 18, 195-203	
174	Portopulmonary hypertension and serum endothelin levels in hospitalized patients with cirrhosis. <b>2011</b> , 10, 393-8	11
173	Development, current status, and anesthetic management of the implanted artificial heart. <b>2011</b> , 25, 1179-92	19
172	Echo Doppler predictors of pulmonary artery hypertension in patients with systemic sclerosis. <b>2011</b> , 28, 860-9	13
171	Anomalous left coronary artery from pulmonary artery with mitral stenosis. <b>2011</b> , 92, 735-7	3
170	Assessment of right ventricular functions during cancer chemotherapy. <b>2011</b> , 12, 834-40	50
169	Pulmonary hypertension in dialysis patients: a cross-sectional italian study. <b>2010</b> , 2011, 283475	41

168	Pulmonary acceleration time to optimize the timing of lung transplant in cystic fibrosis. <b>2012</b> , 2, 75-83	12
167	Effect of simulated diving trips on pulmonary artery pressure in healthy men. <b>2012</b> , 101, 947-53	1
166	Ultrasound for high altitude research. <b>2012</b> , 38, 1-12	17
165	Pulmonary hypertension in dialysis patients. <b>2012</b> , 34, 840-4	8
164	The effect of adenotonsillectomy on right ventricle function and pulmonary artery pressure in children with adenotonsillar hypertrophy. <b>2012</b> , 76, 45-8	30
163	Echocardiographic assessment of the right ventricle and associated hemodynamics. <b>2012</b> , 55, 144-60	29
162	Right ventricular dysfunction in adolescents with mild cystic fibrosis. <b>2012</b> , 11, 274-80	25
161	Clinical Echocardiography. <b>2012</b> ,	0
160	Use of echocardiographic pulmonary acceleration time and estimated vascular resistance for the evaluation of possible pulmonary hypertension. <b>2013</b> , 11, 7	50
159	Assessment of pulmonary arterial hypertension and vascular resistance by measurements of the pulmonary arterial flow velocity curve in the absence of a measurable tricuspid regurgitant velocity in childhood congenital heart disease. <b>2013</b> , 34, 646-55	20
158	Echocardiography in pulmonary arterial hypertension: from diagnosis to prognosis. <b>2013</b> , 26, 1-14	316
157	Pulmonary hypertension in obstructive sleep apnea hypopnea syndrome. <b>2013</b> , 62, 459-465	6
156	Lung ultrasound for the evaluation of pulmonary congestion in outpatients: a comparison with clinical assessment, natriuretic peptides, and echocardiography. <b>2013</b> , 6, 1141-51	126
155	New Aspects of Echocardiographic Assessment of Pulmonary Hypertension. <b>2013</b> , 6, 507-516	
154	Does arterio-venous fistula creation affects development of pulmonary hypertension in hemodialysis patients?. <b>2013</b> , 35, 344-51	7
153	Pulmonary hypertension in dialysis patients. <b>2013</b> , 35, 514-20	23
152	Right ventricular morphology and function in chronic obstructive pulmonary disease patients living at high altitude. <b>2013</b> , 22, 31-7	9
151	Pulmonary artery acceleration time in identifying pulmonary hypertension patients with raised pulmonary vascular resistance. <b>2013</b> , 14, 890-7	37

150	Determination of early cardiac deterioration in beta-thalassaemia major by echocardiography. <b>2013</b> , 68, 299-305	5
149	Right Chambers Quantification in Clinical Practice: Echocardiography Compared with Cardiac Magnetic Resonance Imaging. <b>2013</b> ,	2
148	Functional class and targeted therapy are related to the survival in patients with pulmonary arterial hypertension. <b>2014</b> , 55, 1526-32	10
147	Echocardiography in pediatric pulmonary hypertension. <b>2014</b> , 2, 124	74
146	The Sugen 5416/hypoxia mouse model of pulmonary hypertension revisited: long-term follow-up. <b>2014</b> , 4, 619-29	77
145	[Echocardiography and right heart catheterization in pulmonal hypertension]. <b>2014</b> , 139, 1511-7	4
144	Comprehensive assessment of right ventricular function in patients with pulmonary hypertension with global longitudinal peak systolic strain derived from multiple right ventricular views. <b>2014</b> , 27, 657-665.e3 <sup>65</sup>	
143	Evaluation of cardiac functions and atrial electromechanical delay in children with adenotonsillar hypertrophy. <b>2014</b> , 35, 785-92	6
142	Assessment of pulmonary artery pressure and right ventricular function in children with adenotonsillar hypertrophy using different parameters. <b>2014</b> , 78, 1837-42	6
141	Tadalafil in patients with chronic obstructive pulmonary disease: a randomised, double-blind, parallel-group, placebo-controlled trial. <b>2014</b> , 2, 293-300	73
140	Relationship between obstructive sleep apnea-specific symptoms and cardiac function before and after adenotonsillectomy in children with adenotonsillar hypertrophy. <b>2014</b> , 78, 1281-7	16
139	Echocardiography in the use of noninvasive hemodynamic monitoring. <b>2014</b> , 29, 184.e1-8	12
138	Novel echocardiographic approach to the accurate measurement of pulmonary vascular resistance based on a theoretical formula in patients with left heart failure -- pilot study. <b>2015</b> , 79, 2408-13	3
137	Echocardiographic assessment of right ventricular functions in nondiabetic normotensive hemodialysis patients. <b>2015</b> , 7, 95-101	1
136	Pulmonary Impedance and Pulmonary Doppler Trace in the Perioperative Period. <b>2015</b> , 121, 601-609	4
135	The Evaluation of the Heart Failure Patient by Echocardiography: Time to go beyond the Ejection Fraction. <b>2015</b> , 1, 65-80	
134	Echocardiography in pulmonary hypertension. <b>2015</b> , 30, 574-86	24
133	Right ventricular function in hypertrophic cardiomyopathy: A speckle tracking echocardiography study. <b>2015</b> , 15, 536-41	14

132	Pulmonary Hemodynamics and Right Heart Catheterization. <b>2015</b> , 225-264	
131	Diagnosis and Management of Pulmonary Hypertension. <b>2015</b> ,	
130	Impaired right ventricular hemodynamics indicate preclinical pulmonary hypertension in patients with metabolic syndrome. <b>2015</b> , 4, e001597	33
129	Pulmonary Artery Acceleration Time in Cardiac Surgical Patients. <b>2015</b> , 29, 1517-23	8
128	Transesophageal echocardiography in thoracic anesthesia: pulmonary hypertension and right ventricular function. <b>2015</b> , 28, 38-44	18
127	Diagnosis and treatment of pulmonary hypertension. <b>2015</b> , 101, 311-9	9
126	Assessment of Right Ventricle by Echocardiogram. <b>2016</b> ,	2
125	Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil. <b>2016</b> , 80, 577-85	17
124	The relationship between pulmonary artery acceleration time and mean pulmonary artery pressure in patients undergoing cardiac surgery: An observational study. <b>2016</b> , 33, 28-33	11
123	Early Detection of Subclinical Uremic Cardiomyopathy Using Two-Dimensional Speckle Tracking Echocardiography. <b>2016</b> , 33, 527-36	17
122	Right Heart Hemodynamics in Pulmonary Hypertension - An Echocardiography and Catheterization Study. <b>2016</b> , 80, 2019-25	22
121	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
120	Assessment of pulmonary arterial stiffness in obstructive sleep apnea. <b>2016</b> , 32, 799-805	9
119	The effect of septoplasty on pulmonary artery pressure and right ventricular function in nasal septum deviation. <b>2016</b> , 273, 3747-3752	12
118	Echocardiographic measures of pulmonary hypertension and the prediction of end-points in sickle cell disease. <b>2016</b> , 3, 12-18	1
117	Correlation between Pulmonary Artery Pressure Measured by Echocardiography and Right Heart Catheterization in Patients with Rheumatic Mitral Valve Stenosis (A Prospective Study). <b>2016</b> , 33, 7-13	11
116	The Role of Echocardiography in the Evaluation of Pulmonary Arterial Hypertension. <b>2016</b> , 33, 105-16	12
115	Pulmonary Artery Acceleration Time Provides a Reliable Estimate of Invasive Pulmonary Hemodynamics in Children. <b>2016</b> , 29, 1056-1065	94

114	Therapeutic potential of adipose stem cell-derived conditioned medium against pulmonary hypertension and lung fibrosis. <b>2016</b> , 173, 2859-79	35
113	Assessment of pulmonary artery pressure by echocardiography-A comprehensive review. <b>2016</b> , 12, 45-51	86
112	Preventive aerobic training exerts a cardioprotective effect on rats treated with monocrotaline. <b>2016</b> , 97, 238-47	10
111	Pulmonary Hypertension in Heart Failure Patients Presenting at OAUTHC, Ile-Ife, Nigeria. <b>2016</b> , 10, 187-193	
110	Early recovery of tricuspid annular isovolumic acceleration after mitral valve surgery - an observational study. <b>2016</b> , 63, 920-7	4
109	Essential echocardiographic evaluation in patients with suspected pulmonary hypertension: an overview for the practicing physician. <b>2016</b> , 128, 208-22	4
108	Echocardiographic measurements of right heart size and function in healthy horses. <b>2017</b> , 49, 58-64	14
107	Computational Parametric Studies Investigating the Global Hemodynamic Effects of Applied Apical Torsion for Cardiac Assist. <b>2017</b> , 45, 1434-1448	4
106	Normal Reference Values and z Scores of the Pulmonary Artery Acceleration Time in Children and Its Importance for the Assessment of Pulmonary Hypertension. <b>2017</b> , 10,	48
105	The effects of adenotonsillar hypertrophy corrective surgery on left ventricular functions and pulmonary artery pressure in children. <b>2017</b> , 101, 41-46	6
104	Reference ranges and determinants of right ventricle outflow tract acceleration time in healthy adults by two-dimensional echocardiography. <b>2017</b> , 33, 219-226	12
103	Non-Invasive Assessment of Pulmonary Vascular Resistance in Pulmonary Hypertension: Current Knowledge and Future Direction. <b>2017</b> , 26, 323-330	15
102	Pulmonary hypertension in Nigerian adults with sickle cell anemia. <b>2017</b> , 13, 153-160	12
101	Noninvasive pulmonary arterial pressure estimation using a logistic-based systolic model. <b>2018</b> , 95, 209-216	1
100	Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia. <b>2018</b> , 53, 1681-1687	3
99	Hemodynamic Mechanisms of Exercise-Induced Pulmonary Hypertension in Patients with Lymphangiomyomatosis: The Role of Exercise Stress Echocardiography. <b>2018</b> , 31, 888-901	6
98	Early postnatal echocardiographic assessment of pulmonary blood flow in newborns with congenital diaphragmatic hernia. <b>2018</b> , 46, 735-743	8
97	Echocardiographic Estimation of Mean Pulmonary Artery Pressure: A Comparison of Different Approaches to Assign the Likelihood of Pulmonary Hypertension. <b>2018</b> , 31, 89-98	21

96	Long-term pulmonary and cardiovascular morbidities of neonatal hyperoxia exposure in mice. <b>2018</b> , 94, 119-124	16
95	Oesophageal or transgastric views for estimating mean pulmonary artery pressure with transoesophageal echocardiography: A prospective observational study. <b>2018</b> , 35, 349-355	1
94	Pulmonary Hypertension and Pulmonary Artery Acceleration Time: A Systematic Review and Meta-Analysis. <b>2018</b> , 31, 201-210.e3	22
93	Review of Echocardiographic Findings in Patients with Obstructive Sleep Apnea. <b>2018</b> , 2018, 1206217	14
92	Pulsed Doppler Echocardiography: An Historical Perspective. <b>2018</b> , 31, 1330-1343	1
91	Invasive and Noninvasive Evaluation for the Diagnosis of Pulmonary Hypertension: How to Use and How to Combine Them. <b>2018</b> , 14, 353-360	2
90	Long-Term Intermittent Work at High Altitude: Right Heart Functional and Morphological Status and Associated Cardiometabolic Factors. <b>2018</b> , 9, 248	19
89	Have Noninvasive Imaging Studies Supplanted the Need for Invasive Hemodynamics: Lessons Learned from Lymphangiomyomatosis. <b>2018</b> , 31, 902-904	1
88	Impact of adenotonsilectomy on nasal airflow and pulmonary blood pressure in mouth breathing children. <b>2019</b> , 125, 82-86	5
87	Relationship between pulmonary artery acceleration time and pulmonary artery pressures in infants. <b>2019</b> , 36, 1524-1531	7
86	A machine learning approach for the prediction of pulmonary hypertension. <b>2019</b> , 14, e0224453	18
85	Ultrasound Doppler waveform assessment: the story continues. <b>2019</b> , 47, 139-141	
84	Doppler estimates of pulmonary vascular resistance to phenotype pulmonary hypertension in heart failure. <b>2019</b> , 35, 1465-1472	2
83	Asymmetric Dimethylarginine at Sea Level Is a Predictive Marker of Hypoxic Pulmonary Arterial Hypertension at High Altitude. <b>2019</b> , 10, 651	14
82	Anatomic Relationship of the Complex Tricuspid Valve, Right Ventricle, and Pulmonary Vasculature: A Review. <b>2019</b> , 4, 478-487	24
81	State-of-the-Art Review: Echocardiography in Pulmonary Hypertension. <b>2019</b> , 28, 1351-1364	11
80	Non-invasive Multimodality Cardiovascular Imaging of the Right Heart and Pulmonary Circulation in Pulmonary Hypertension. <b>2019</b> , 6, 24	12
79	Evaluation and Monitoring of Pulmonary Hypertension in Neonates With Congenital Diaphragmatic Hernia. <b>2019</b> , 21, 11	6

78	Reliability of noninvasive hemodynamic assessment with Doppler echocardiography: comparison with the invasive evaluation. <b>2019</b> , 20, 682-690	9
77	Reassessment of the Accuracy of Cardiac Doppler Pulmonary Artery Pressure Measurements in Ventilated ICU Patients: A Simultaneous Doppler-Catheterization Study. <b>2019</b> , 47, 41-48	10
76	Evaluating the effect of nasal septoplasty on atrial electromechanical features. <b>2019</b> , 40, 179-182	1
75	Doppler evaluation of the fetal pulmonary artery pressure. <b>2019</b> , 47, 218-221	1
74	Pulmonary Artery Acceleration Time in Young Adulthood and Cardiovascular Outcomes Later in Life: The Coronary Artery Risk Development in Young Adults Study. <b>2020</b> , 33, 82-89.e1	0
73	Utility of Pulmonary Artery Acceleration Time to Estimate Systolic Pulmonary Artery Pressure in Neonates and Young Infants. <b>2020</b> , 41, 265-271	5
72	Echocardiography to estimate high filling pressure in patients with heart failure and reduced ejection fraction. <b>2020</b> , 7, 2268-2277	7
71	Higher Incidence of Atrial Fibrillation in Left Ventricular-to-Right Atrial Shunt Patients. <b>2020</b> , 11, 580624	0
70	Phosphodiesterase 5 inhibitor sildenafil in patients with heart failure with preserved ejection fraction and combined pre- and postcapillary pulmonary hypertension: a randomized open-label pilot study. <b>2020</b> , 20, 408	11
69	Allopurinol in Patients with Pulmonary Hypertension Associated with Chronic Lung Disease. <b>2020</b> , 15, 2015-2024	0
68	Cardiac and renal biomarkers in recreational runners following a 21 km treadmill run. <b>2020</b> , 43, 1443-1449	2
67	Prevalence and factors associated with pulmonary arterial hypertension on maintenance hemodialysis patients in Kinshasa, Democratic Republic of Congo: a cross-sectional study. <b>2020</b> , 21, 460	1
66	Echocardiographic markers of pulmonary hemodynamics and right ventricular hypertrophy in rat models of pulmonary hypertension. <b>2020</b> , 10, 2045894020910976	5
65	Echocardiography in the Management of Cardiogenic Shock. <b>2020</b> , 1, 20-30	1
64	Adrenomedullin Is Necessary to Resolve Hyperoxia-Induced Experimental Bronchopulmonary Dysplasia and Pulmonary Hypertension in Mice. <b>2020</b> , 190, 711-722	5
63	Two cases of chronic obstructive pulmonary disease with undetectable diffusing capacity for carbon monoxide. <b>2021</b> , 59, 145-148	
62	Multicentre prospective observational study exploring the predictive value of functional echocardiographic indices for early identification of preterm neonates at risk of developing chronic pulmonary hypertension secondary to chronic neonatal lung disease. <b>2021</b> , 11, e044924	1
61	What are the echocardiographic findings of acute right ventricular strain that suggest pulmonary embolism?. <b>2021</b> , 40, 100852	3

60	Cardiac Manifestations in a Group of Romanian Patients with Gaucher Disease Type 1 (a Monocentric Study). <b>2021</b> , 11,	
59	Smoking accelerates renal cystic disease and worsens cardiac phenotype in Pkd1-deficient mice. <b>2021</b> , 11, 14443	2
58	Noninvasive Hemodynamic Evaluation at Rest in Heart Failure with Preserved Ejection Fraction. <b>2021</b> , 17, 423-434	
57	Cor Pulmonale from Concomitant Human Immunodeficiency Virus Infection and Methamphetamine Use. <b>2021</b> , 5, 239-242	1
56	Echocardiographic Assessment of Pulmonary Hypertension. <b>2021</b> , 992-1010	
55	Accuracy and diagnostic performance of doppler echocardiography to estimate mean pulmonary artery pressure in heart failure. <b>2021</b> , 38, 1624-1631	
54	Improvement in fetal pulmonary hypertension and maturity after reversal of ductal constriction: prospective cohort study. <b>2021</b> , 58, 420-427	1
53	An integrated approach to the diagnosis of pulmonary hypertension. <b>2011</b> , 170-194	1
52	The Relationship of Fluid Overload as Assessed by Bioelectrical Impedance Analysis with Pulmonary Arterial Hypertension in Hemodialysis Patients. <b>2016</b> , 22, 488-94	15
51	Consequences of a Maternal High-Fat Diet and Late Gestation Diabetes on the Developing Rat Lung. <b>2016</b> , 11, e0160818	20
50	Echocardiographic evaluation of right cardiac function in patients with chronic pulmonary diseases. <b>2001</b> , 42, 483-93	10
49	Pulmonary hypertension in infants with bronchopulmonary dysplasia. <b>2010</b> , 53, 688-93	43
48	The improvement of right ventricular function after adenotonsillectomy in children with obstructive sleep apnea. <b>2018</b> , 61, 392-396	5
47	Pulmonary hypertension in end-stage renal disease and post renal transplantation patients. <b>2014</b> , 6, 606-16	12
46	Reversibility of Pulmonary Hypertension Following Surgical Atrial Septal Defect Closure in Children with Down Syndrome. <b>2019</b> , 27, 247-253	3
45	Transesophageal Echocardiographic Approach to a Patient with Suspected Pulmonary Hypertension in the Intraoperative Period. <b>2017</b> , 5, 49-63	1
44	Relation between Vascular Endothelial Markers and Right Ventricular Function in the Children with Asthma. <b>2017</b> , 27,	1
43	Pulmonary Arterial Hypertension. <b>2007</b> , 2203-2246	



- 42 Intensive management of acute right heart failure. **2007**, 50, 1041 1
- 41 Echocardiography in Heart Failure. **2010**, 219-229
- 40 Right Heart Failure. **2010**, 139-151
- 39 Pulmonary Arterial Hypertension. **2010**, 153-163
- 38 Pulmonary Hypertension. **2012**, 213-223
- 37 The Essential Role of Imaging in the Evaluation of Patients With Pulmonary Arterial Hypertension in Association With Congenital Heart Disease. **2013**, 11, 171-182
- 36 Heart disease in the adult. **1990**, 69-222
- 35 Effects of age and gender upon Doppler stress measurements at rest and during exercise in normal subjects. **1990**, 61-78
- 34 Die Abschätzung der pulmonalen Hypertonie. **1990**, 165-172
- 33 Characterization of Pulmonary Artery Blood Velocity Patterns in Lambs. **1990**, 131-140
- 32 Noninvasive Assessment of Pulmonary Arterial Pressure with Ultrasound. **1993**, 79-91
- 31 Pulmonary artery blood flow and hemodynamics. **1996**, 229-324
- 30 De rechter ventrikel. **2015**, 221-236
- 29 Echocardiographic assessment of right ventricular functions in healthy subjects who migrated from the sea level to a moderate altitude. **2016**, 16, 779-783 3
- 28 The Cardiopulmonary Hemodynamic Evaluation of Pulmonary Hypertension. **2016**, 173-198
- 27 Derivation and Validation of Formula relating Pulmonary Acceleration Time and Mean Pulmonary Artery Pressure in Indian Population. **2017**, 5, 3-11
- 26 In aged people, should we stick to normal range?. **2019**, 12, 53-58
- 25 Preventive training interferes with mRNA-encoding myosin 7 and collagen I expression during pulmonary arterial hypertension.

24	Echocardiographic Screening Methods for Pulmonary Hypertension: A Practical Review. <b>2020</b> , 28, 1-9		0
23	Noninvasive Assessment of Cardiopulmonary Function in Critically Ill Infants and Children. <b>1987</b> , 8, 619-633		0
22	The heart in cystic fibrosis. <b>2002</b> , 95 Suppl 41, 2-10		6
21	Assessment of Pulmonary Artery Pressures by Various Doppler Echocardiographic Parameters and its Correlation with Cardiac Catheterization in Patients with Pulmonary Hypertension. <b>2020</b> , 21, 263-268		1
20	Endothelial Deficiency Potentiates Hyperoxia-Induced Experimental Bronchopulmonary Dysplasia and Pulmonary Hypertension.. <b>2021</b> , 10,		1
19	PATET ratio by Doppler echocardiography: noninvasive detection of pediatric pulmonary arterial hypertension. <b>2021</b> ,		
18	Interplay Between Thyroid Hormone Status and Pulmonary Hypertension in GravesSDisease: Relevance of the Assessment in Thyrotoxic and Euthyroid Patients.. <b>2021</b> , 12, 780397		
17	Echocardiographic findings in patients with acute pulmonary embolism at Sohag University Hospitals.. <b>2022</b> , 34, 21		0
16	Non-Invasive Assessment of Congestion by Cardiovascular and Pulmonary Ultrasound and Biomarkers in Heart Failure.. <b>2022</b> , 12,		0
15	Right Heart. <b>2016</b> , 139-171		
14	Elastin Insufficiency Confers Proximal and Distal Pulmonary Vasculopathy in Mice, Partially Remedied by the KATP Channel Opener Minoxidil: Considerations and Cautions for the Treatment of People With Williams-Beuren Syndrome. <b>2022</b> , 9,		
13	Meta-analysis examining phosphodiesterase-5 inhibitors in heart failure with preserved ejection fraction. 1-6		
12	Pulmonary artery acceleration time accuracy for systolic pulmonary artery pressure estimation in critically ill patients. <i>Ultrasound Journal</i> , <b>2022</b> , 14,	4.1	2
11	Perinatal changes of right ventricle-pulmonary artery coupling and its value in predicting persistent pulmonary hypertension of the newborn. <i>Clinical Physiology and Functional Imaging</i> ,	2.4	
10	Pulmonary artery pressures and right ventricular dimensions of post-COVID-19 patients without previous significant cardiovascular pathology. <b>2023</b> , 57, 75-79		0
9	Pulmonary hypertension and exercise tolerance in heart failure patients. <b>2022</b> , 8, 41		0
8	Model for screening adult congenital heart disease surgery eligibility with echocardiography parameters. <b>2022</b> ,		0
7	The serial changes in myocardial functions after paediatric haematopoietic stem cell transplantation. 1-8		0

- 6 Right ventricular outflow tract Doppler flow analysis and pulmonary arterial coupling by transthoracic echocardiography in sepsis: a retrospective exploratory study. **2022**, 26, ○
- 5 A Simple Echocardiographic Approach in Assessing the Prognosis of Comatose Patients with Acute Intracerebral Hemorrhage by Using Right Ventricle-Pulmonary Artery Coupling. ○
- 4 Right Ventricular Limitation: A Tale of Two Elastances. ○
- 3 Pulmonary transit time has close relation with pulmonary pulse wave transit time in normal subjects. ○
- 2 A Unique High-Output Cardiac Hypertrophy Phenotype Arising From Low Systemic Vascular Resistance in Cantu Syndrome. **2022**, 11, ○
- 1 Case-Based Discussion: Echocardiographic Assessment of Pulmonary Hypertension. **2023**, 16, 11-19 ○