

Statement on imaging and pulmonary hypertension from Institute (PVRI)

Pulmonary Circulation

9, 1-32

DOI: [10.1177/2045894019841990](https://doi.org/10.1177/2045894019841990)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Right Ventricular Size and Function in Neonates after Use of Antidepressants during Pregnancy. <i>Neonatology</i> , 2019, 116, 191-192.	0.9	0
2	Screening strategies for pulmonary arterial hypertension. <i>European Heart Journal Supplements</i> , 2019, 21, K9-K20.	0.0	44
3	Perioperative Right Ventricular Systolic Function Determination in Children With Tetralogy of Fallot. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 306-307.	0.6	0
4	Identification of Cardiac Magnetic Resonance Imaging Thresholds for Risk Stratification in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 458-468.	2.5	99
5	Association of right atrial conduit phase with right ventricular lusitropic function in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 633-642.	0.7	16
6	Right ventricular function correlates of right atrial strain in pulmonary hypertension: a combined cardiac magnetic resonance and conductance catheter study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H156-H164.	1.5	42
7	Structural and hemodynamic properties of murine pulmonary arterial networks under hypoxia-induced pulmonary hypertension. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 1312-1329.	1.0	11
8	Multimodality Imaging of Pulmonary Hypertension. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2020, 22, 1.	0.4	0
9	Role of biomarkers in evaluation, treatment and clinical studies of pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-17.	0.8	16
10	Cardiac Magnetic Resonance in Pulmonary Hypertension—An Update. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 30.	0.4	16
11	Vascular imaging of the lung: perspectives on current imaging methods. <i>British Journal of Radiology</i> , 2022, 95, 20200759.	1.0	1
12	Comparative accuracy of non-invasive imaging versus right heart catheterization for the diagnosis of pulmonary hypertension: A systematic review and meta-analysis. <i>IJC Heart and Vasculature</i> , 2020, 29, 100568.	0.6	10
13	Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. <i>Radiology</i> , 2020, 297, 286-301.	3.6	95
14	BNP/NT-proBNP in pulmonary arterial hypertension: time for point-of-care testing?. <i>European Respiratory Review</i> , 2020, 29, 200009.	3.0	51
15	Right ventricular dyssynchrony: from load-independent right ventricular function to wall stress in severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 204589402092575.	0.8	5
16	Diagnostic accuracy of CT pulmonary angiography in suspected pulmonary hypertension. <i>European Radiology</i> , 2020, 30, 4918-4929.	2.3	29
17	Pulmonary Hypertension and Pregnancy. , 2020, , 99-112.		1
18	Current and future treatments of pulmonary arterial hypertension. <i>British Journal of Pharmacology</i> , 2021, 178, 6-30.	2.7	104

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19	Cardiac-MRI Predicts Clinical Worsening and Mortality in Pulmonary Arterial Hypertension. JACC: Cardiovascular Imaging, 2021, 14, 931-942.	2.3	73
20	Myocardial deformation assessment in patients with precapillary pulmonary hypertension: A cardiac magnetic resonance study. Diagnostic and Interventional Imaging, 2021, 102, 153-161.	1.8	8
21	MR 4D flow-based mean pulmonary arterial pressure tracking in pulmonary hypertension. European Radiology, 2021, 31, 1883-1893.	2.3	23
22	Computed tomography appearances of the lung parenchyma in pulmonary hypertension. British Journal of Radiology, 2021, 94, 20200830.	1.0	6
23	Repeatability and sensitivity to change of non-invasive end points in PAH: the RESPIRE study. Thorax, 2021, 76, 1032-1035.	2.7	13
24	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressure-volume loops. European Heart Journal Cardiovascular Imaging, 2022, 23, 498-507.	0.5	22
25	Magnetic resonance lymphangiography in group 1 paediatric pulmonary arterial hypertension. Pulmonary Circulation, 2021, 11, 1-4.	0.8	0
26	Advanced Imaging in Pulmonary Vascular Disease. Clinics in Chest Medicine, 2021, 42, 101-112.	0.8	0
27	Pulmonary Hypertension in Association with Lung Disease: Quantitative CT and Artificial Intelligence to the Rescue? State-of-the-Art Review. Diagnostics, 2021, 11, 679.	1.3	15
28	Optimizing the diagnosis and assessment of chronic thromboembolic pulmonary hypertension with advancing imaging modalities. Pulmonary Circulation, 2021, 11, 1-12.	0.8	7
29	Cardiovascular magnetic resonance predicts all-cause mortality in pulmonary hypertension associated with heart failure with preserved ejection fraction. International Journal of Cardiovascular Imaging, 2021, 37, 3019-3025.	0.7	12
30	Right ventricular pressure-volume loop shape and systolic pressure change in pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L715-L725.	1.3	21
31	Pulmonary Functional Imaging: Part 2 "State-of-the-Art Clinical Applications and Opportunities for Improved Patient Care. Radiology, 2021, 299, 524-538.	3.6	29
32	Late phase of COVID-19 pandemic in General Cardiology. A position paper of the ESC Council for Cardiology Practice. ESC Heart Failure, 2021, 8, 3483-3494.	1.4	19
33	Myocardial T1-mapping and extracellular volume in pulmonary arterial hypertension: A systematic review and meta-analysis. Magnetic Resonance Imaging, 2021, 79, 66-75.	1.0	16
34	Establishing expert consensus for the optimal approach to holistic risk-management in pulmonary arterial hypertension: a Delphi process and narrative review. Expert Review of Respiratory Medicine, 2021, 15, 1493-1503.	1.0	0
35	Radiomics in Lung Diseases Imaging: State-of-the-Art for Clinicians. Journal of Personalized Medicine, 2021, 11, 602.	1.1	40
36	What's new in pulmonary hypertension clinical research: lessons from the best abstracts at the 2020 American Thoracic Society International Conference. Pulmonary Circulation, 2021, 11, 1-27.	0.8	4

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37	Integrated Cardiopulmonary MRI Assessment of Pulmonary Hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	7
38	Inaccuracy of a non-invasive estimation of pulmonary vascular resistance assessed by cardiovascular magnetic resonance in heart failure patients. <i>Scientific Reports</i> , 2021, 11, 16597.	1.6	0
40	State-of-the-art MR Imaging for Thoracic Diseases. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 212-234.	1.1	7
41	Pulmonary Hypertension in Heart Failure Patients. <i>Cardiac Failure Review</i> , 2020, 6, e05.	1.2	7
42	A computational model of contributors to pulmonary hypertensive disease: impacts of whole lung and focal disease distributions. <i>Pulmonary Circulation</i> , 2021, 11, 1-15.	0.8	4
43	Multimodality Imaging of Pulmonary Hypertension: Prognostication of Therapeutic Outcomes. <i>Medical Radiology</i> , 2021, , 225-257.	0.0	1
44	Functional Assessment of Pulmonary Venous Thromboembolism. <i>Medical Radiology</i> , 2021, , 207-223.	0.0	0
45	Balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension. <i>American Journal of Cardiovascular Disease</i> , 2021, 11, 330-347.	0.5	0
46	Chronic thromboembolic pulmonary hypertension: diagnosis, operability assessment and patient selection for pulmonary endarterectomy. <i>Annals of Cardiothoracic Surgery</i> , 2022, 11, 82-97.	0.6	9
47	Mineralocorticoid receptor antagonist treatment of established pulmonary arterial hypertension improves interventricular dependence in the SU5416-hypoxia rat model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L315-L332.	1.3	4
48	Magnetic resonance imaging in pulmonary hypertension: an overview of current applications and future perspectives. , 2022, 152, w30055.		7
49	Clinical Relevance of Right Atrial Functional Response to Treatment in Pulmonary Arterial Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775039.	1.1	3
50	Clinical Application of 4D Flow MR Imaging to Pulmonary Hypertension. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 309-318.	1.1	8
51	Preoperative evaluation of pulmonary hypertension in lung transplant candidates: echocardiography versus right heart catheterization. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 53.	0.7	6
52	Right atrial and ventricular strain detects subclinical changes in right ventricular function in precapillary pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1699-1710.	0.7	12
53	CMR Measures of Left Atrial Volume Index and Right Ventricular Function Have Prognostic Value in Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Medicine</i> , 2022, 9, 840196.	1.2	2
54	Renal Venous Stasis Index Reflects Renal Congestion and Predicts Adverse Outcomes in Patients With Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 772466.	1.1	10
55	Training and clinical testing of artificial intelligence derived right atrial cardiovascular magnetic resonance measurements. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 25.	1.6	8

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56	Severe pulmonary hypertension associated with lung disease is characterised by a loss of small pulmonary vessels on quantitative computed tomography. <i>ERJ Open Research</i> , 2022, 8, 00503-2021.	1.1	10
58	Significance of pPTT-TAPSE and Mortality Prediction for Acute Pulmonary Thromboembolism in Emergency Department. <i>Eurasian Journal of Emergency Medicine</i> , 2022, 21, 56-61.	0.1	0
59	Right ventricular remodelling in pulmonary arterial hypertension predicts treatment response. <i>Heart</i> , 2022, 108, 1392-1400.	1.2	15
60	Machine learning cardiac-MRI features predict mortality in newly diagnosed pulmonary arterial hypertension. <i>European Heart Journal Digital Health</i> , 2022, 3, 265-275.	0.7	11
61	Non-Invasive Cardiac Output Determination Using Magnetic Resonance Imaging and Thermodilution in Pulmonary Hypertension. <i>Journal of Clinical Medicine</i> , 2022, 11, 2717.	1.0	2
62	Novel Approaches to Imaging the Pulmonary Vasculature and Right Heart. <i>Circulation Research</i> , 2022, 130, 1445-1465.	2.0	10
63	ERS International Congress 2021: highlights from the Pulmonary Vascular Diseases Assembly. <i>ERJ Open Research</i> , 2022, 8, 00665-2021.	1.1	2
64	Evaluating Signs of Pulmonary Hypertension on Computed Tomography and Correlating With Echocardiography: A Study at a Tertiary Care Hospital. <i>Cureus</i> , 2022, , .	0.2	1
65	Risk Stratification and Outcomes in Patients With Pulmonary Hypertension: Insights into Right Ventricular Strain by <scp>MRI</scp> Feature tracking. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 545-556.	1.9	4
66	Characteristics of Right Ventricular Blood Flow in Patients With Chronic Thromboembolic Pulmonary Hypertension: An Analysis With 4-Dimensional Flow Cardiovascular Magnetic Resonance Imaging. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
67	Quantitative CT Evaluation of Small Pulmonary Vessels Has Functional and Prognostic Value in Pulmonary Hypertension. <i>Radiology</i> , 2022, 305, 431-440.	3.6	4
68	2022 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension. <i>European Respiratory Journal</i> , 2023, 61, 2200879.	3.1	445
69	2022 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension. <i>European Heart Journal</i> , 2022, 43, 3618-3731.	1.0	1,033
72	Pulmonary pressure recovery in idiopathic, hereditary and drug and toxin-induced pulmonary arterial hypertension: determinants and clinical impact. <i>Vascular Pharmacology</i> , 2022, 146, 107099.	1.0	4
73	Fully automatic cardiac four chamber and great vessel segmentation on CT pulmonary angiography using deep learning. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
74	Efficacy of computed tomography in diagnosing pulmonary hypertension: A systematic review and meta-analysis. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	3
75	Imaging the right atrium in pulmonary hypertension: A systematic review and meta-analysis. <i>Journal of Heart and Lung Transplantation</i> , 2023, 42, 433-446.	0.3	5
76	The spatial-temporal dynamics of pulmonary blood flow are altered in pulmonary arterial hypertension. <i>Journal of Applied Physiology</i> , 2023, 134, 969-979.	1.2	0

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77	Non-invasive detection of severe PH in lung disease using magnetic resonance imaging. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	3
88	Characterization of pulmonary arterial stiffness using cardiac MRI. <i>International Journal of Cardiovascular Imaging</i> , 2024, 40, 425-439.	0.7	1