

## Articles describing right heart thrombus in pediatric patients with pulmonary embolism

1 **González-Calle A**, Adsuar-Gómez A, Moruno-Tirado A, Hosseinpour AR. Right atrial thrombosis and pulmonary embolism after atrial septal defect repair. *Eur J Cardiothorac Surg* 2012; **41**: 224-225 [PMID: 21704527 DOI: 10.1016/j.ejcts.2011.05.035]

2 **Zureikat GY**, Martin GR, Silverman NH, Newth CJ. Urokinase therapy for a catheter-related right atrial thrombus and pulmonary embolism in a 2-month-old infant. *Pediatr Pulmonol* 1986; **2**: 303-306 [PMID: 3774387 DOI: 10.1002/ppul.1950020510]

## Review articles, narrative reviews, systematic reviews, and meta-analyses

1 **Kinney EL**, Wright RJ. Efficacy of treatment of patients with echocardiographically detected right-sided heart thrombi: a meta-analysis. *Am Heart J* 1989; **118**: 569-573 [PMID: 2773775 DOI: 10.1016/0002-8703(89)90274-3]

2 **Rose PS**, Punjabi NM, Pearse DB. Treatment of right heart thromboemboli. *Chest* 2002; **121**: 806-814 [PMID: 11888964 DOI: 10.1378/chest.121.3.806]

3 **Athappan G**, Sengodan P, Chacko P, Gandhi S. Comparative efficacy of different modalities for treatment of right heart thrombi in transit: a pooled analysis. *Vasc Med* 2015; **20**: 131-138 [PMID: 25832601 DOI: 10.1177/1358863X15569009]

4 **Maqsood MH**, Zhang RS, Zlotnick DM, Parikh SA, Bangalore S. Outcomes with treatment interventions for clot-in-transit in patients with pulmonary embolism: a meta-analysis. *J Invasive Cardiol* 2024; **36** [PMID: 38776476 DOI: 10.25270/jic/24.00089]

5 **Khosla A**, Mojibian H, Assi R, Tantawy H, Singh I, Pollak J. Right heart thrombi (RHT) and clot in transit with concomitant PE management: Approach and considerations. *Pulm Circ* 2022; **12**: e12080 [PMID: 35514771 DOI: 10.1002/pul2.12080]

6 **Burns KE**, McLaren A. Catheter-related right atrial thrombus and pulmonary embolism: a case report and systematic review of the literature. *Can Respir J* 2009; **16**: 163-165 [PMID: 19851535 DOI: 10.1155/2009/751507]

7 **Burgos LM**, Costabel JP, Galizia Brito V, Sigal A, Maymo D, Iribarren A, Trivi M. Floating right heart thrombi: A pooled analysis of cases reported over the past 10years. *Am J Emerg Med* 2018; **36**: 911-915 [PMID: 29111332 DOI: 10.1016/j.ajem.2017.10.045]

8 **Patel AN**, Amrutiya RJ, Manvar BN. A Proposed Approach for the Management of Clot-in-Transit. *Cureus* 2022; **14**: e28481 [PMID: 36176887 DOI: 10.7759/cureus.28481]

9 **Mathevosian S**, Ranade M. Right Heart Clot-in-Transit: Endovascular Therapies. *Semin Intervent Radiol* 2022; **39**: 515-522 [PMID: 36561934 DOI: 10.1055/s-0042-1757942]

10 **Agarwal V**, Nalluri N, Shariff MA, Akhtar MS, Olkovsky Y, Kitsis PE, Nabagiez JP. Large embolus in transit - an unresolved therapeutic dilemma (case report and review of literature). *Heart Lung* 2014; **43**: 152-154 [PMID: 24041566 DOI: 10.1016/j.hrtlng.2013.08.005]

- 11 **Mularek-Kubzdela T**, Grygier M, Grajek S, Cieśliński A. [Right atrial thrombosis--a difficult diagnostic and therapeutic problem]. *Przegl Lek* 1997; **54**: 515-519 [PMID: 9480460]
- 12 **Ibrahim WH**, Ata F, Choudry H, Javed H, Shunnar KM, Shams A, Arshad A, Bosom A, Elkahlout MHA, Sawaf B, Ahmed SMA, Olajide T. Prevalence, Outcome, and Optimal Management of Free-Floating Right Heart Thrombi in the Context of Pulmonary Embolism, a Systematic Review and Meta-Analysis. *Clin Appl Thromb Hemost* 2022; **28**: 10760296221140114 [PMID: 36384306 DOI: 10.1177/10760296221140114]
- 13 **Goldhaber SZ**. Echocardiography in the management of pulmonary embolism. *Ann Intern Med* 2002; **136**: 691-700 [PMID: 11992305 DOI: 10.7326/0003-4819-136-9-200205070-00012]
- 14 **Islam M**, Nesheim D, Acquah S, Kory P, Kourouni I, Ramesh N, Ehrlich M, Bajpayee G, Steiger D, Filopei J. Right Heart Thrombi: Patient Outcomes by Treatment Modality and Predictors of Mortality: A Pooled Analysis. *J Intensive Care Med* 2019; **34**: 930-937 [PMID: 30373436 DOI: 10.1177/0885066618808193]
- 15 **Stavroulopoulos A**, Aresti V, Zounis C. Right atrial thrombi complicating haemodialysis catheters. A meta-analysis of reported cases and a proposal of a management algorithm. *Nephrol Dial Transplant* 2012; **27**: 2936-2944 [PMID: 22187317 DOI: 10.1093/ndt/gfr739]
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- 17 **Condliffe R**, Elliot CA, Hughes RJ, Hurdman J, Maclean RM, Sabroe I, van Veen JJ, Kiely DG. Management dilemmas in acute pulmonary embolism. *Thorax* 2014; **69**: 174-180 [PMID: 24343784 DOI: 10.1136/thoraxjnl-2013-204667]
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- 19 **Bernardo J**, Oliveira J, Gameiro J, Outerelo C. Asymptomatic pulmonary thromboembolism due to hemodialysis catheter thrombosis: case series and literature review. *CEN Case Rep* 2023; **12**: 318-322 [PMID: 36574198 DOI: 10.1007/s13730-022-00757-4]
- 20 **Lengyel M**. Should Transesophageal Echocardiography Become a Routine Test in Patients with Suspected Pulmonary Thromboembolism? *Echocardiography* 1998; **15**: 779-786 [PMID: 11175112 DOI: 10.1111/j.1540-8175.1998.tb00680.x]
- 21 **Feldman JM**, Frishman WH, Aronow WS. Review of the Etiology, Diagnosis, Classification, and Therapy of Right Heart Thrombi. *Cardiol Rev* 2025; **33**: 423-425 [PMID: 37966248 DOI: 10.1097/CRD.0000000000000630]

- 22 **Chapoutot L**, Tassigny C, Nazeyrollas P, Poismans P, Maillier B, Maes D, Metz D, Elaerts J. [Pulmonary embolism and thrombi of the right heart]. *Arch Mal Coeur Vaiss* 1995; **88**: 1723-1728 [PMID: 8815832]
- 23 **Charif F**, Mansour MJ, Hamdan R, Najjar C, Nassar P, Issa M, Chammas E, Saab M. Free-Floating Right Heart Thrombus with Acute Massive Pulmonary Embolism: A Case Report and Review of the Literature. *J Cardiovasc Echogr* 2018; **28**: 146-149 [PMID: 29911017 DOI: 10.4103/jcecho.jcecho\_64\_17]
- 24 **Cueto-Robledo G**, Roldan-Valadez E, Navarro-Vergara DI, Garcia-Cesar M, Torres-Rojas MB. Management of Pulmonary Embolism With Thrombus in Transit: A Case Series and an Updated Clinical Insight Review. *Cureus* 2025; **17**: e79982 [PMID: 40177447 DOI: 10.7759/cureus.79982]
- 25 **Wen Y**, Hu Z. [Clinical status of right heart thrombus with pulmonary embolism]. *Zhonghua Jie He He Hu Xi Za Zhi* 2014; **37**: 442-444 [PMID: 25200045]
- 26 **Dincer HE**. Right Heart Thrombus. *Clinical Pulmonary Medicine* 2012; **19**: 226-231 [DOI: 10.1097/cpm.0b013e31826708a2]
- 27 **Expert Panel on Interventional Radiology**, Plett S, Fidelman N, Higgins MCSS, Charalel RA, Devulapalli K, Kalva SP, Keeling B, King CS, Koethe Y, Kwan SW, Lam A, Suri R, Tong RT, Pinchot JW. ACR Appropriateness Criteria® Management of Acute Pulmonary Embolism. *J Am Coll Radiol* 2025; **22**: S586-S596 [PMID: 41193046 DOI: 10.1016/j.jacr.2025.08.039]