

## **Inova Pulmonary Hypertension Program PH-Related Publications**

### **2016**

- Shin S, King CS, Puri N, Shlobin OA, Brown AW, Ahmad S, Weir N, Nathan SD. Pulmonary artery size as a predictor of outcomes in idiopathic pulmonary fibrosis. *Eur Respir J* 2016; 47:1445–1451.
- Mazimba S, Mejia-Lopez E, Black G, Kennedy JLW, Bergin J, Tallaj JA, Abuannadi M, Mihalek AD, Bilchick KC. Diastolic pulmonary gradient predicts outcomes in group 1 pulmonary hypertension (analysis of the NIH primary pulmonary hypertension registry). *Respiratory Medicine*, 2016; 119: 81-86, PMID 27692153.
- Mazimba S, Kennedy JLW, Zhuo D, Abuannadi M, Bergin J, Tallaj K, Bilchick KC. Decreased pulmonary artery proportional pulse pressure after pulmonary artery catheterization optimization for advanced heart failure is associated with adverse clinical outcomes. *Journal of Cardiac Failure*, 2016; 22(12): 954-61, PMID 27095529.
- Shlobin OA, Nathan SD. Rare ILD and PH. In: *Pulmonary Hypertension and Interstitial Lung Disease* 2016. Edited by Robert P. Baughman, Roberto G. Carbone and Steven D. Nathan.
- King CS, Nathan SD. Treatment of Pulmonary Hypertension in Interstitial Lung Disease. In: *Pulmonary Hypertension and Interstitial lung disease* 2016. Edited by Robert P. Baughman, Roberto G. Carbone and Steven D. Nathan.
- Shah R, Patel DB, Mankad AK, Rennynson SL, Tang DG, Quader MA, Smallfield MS, Kasirajan V, Shah KB. Pulmonary Hypertension after Heart Transplantation in Patients Bridged with the Total Artificial Heart. *ASAIO J* 2016; 62(1):69-73. doi: 10.1097/MAT.0000000000000298.
- Fischer A, Gillies H, Blair C, Tislow JD, Nathan SD. Ambrisentan Response in Connective Tissue Disease-Associated Pulmonary Arterial Hypertension- Subgroup Analysis of the ARIES-E Clinical Trial. *Respiratory Medicine* 2016; 117:254-263.

### **2017**

- Jose A, King C, Shlobin OA, Kiernan J, Cossa N, Nathan SD. Ventricular diastolic pressure ratio as a marker of treatment response in pulmonary hypertension. *Chest* 2017; 152(5):980-989.
- Mwansa H, Bilchick KC, Parker AM, Harding WC, Ruth B, Kennedy JLW, Mysore M, Kwon Y, Mihalek AD, Mazimba S. Decreased pulmonary artery proportional pulse pressure is associated with increased mortality in group 1 pulmonary hypertension. *Clinical Cardiology*, 2017; 40(11): 988-992, PMID 28692753.
- Mazimba S, Holland E, Nagarajan V, Kennedy JLW, Bilchick K. Obesity paradox in group 1 pulmonary hypertension: analysis of the NIH pulmonary hypertension registry. *International Journal of Obesity*, 2017; 41(8): 1164-1168, PMID 28209971.
- Shlobin OA, Baughman R. Sarcoidosis associated pulmonary hypertension. *Seminars in Respiratory Critical Care Medicine* 2017; 38:450-462.
- Shlobin OA, Brown AW, Nathan SD. Pulmonary hypertension in diffuse parenchymal lung diseases. *Chest* 2017 Jan; 151(1):204-214.

### **2018**

- Mysore MM, Bilchick KC, Ababio P, Ruth BK, Harding WC, Breathett K, Chadwell K, Patterson B, Mwansa H, Jeukeng CM, Kwon Y, Kennedy JLW, Mihalek AD, Mazimba S. Right atrial to left atrial volume index ratio is associated with increased mortality in patients with pulmonary hypertension. *Echocardiography* 2018; 35(11): 1729-1735, PMID 30315607.
- Smith LA and Kennedy JLW. Pulmonary Hypertension and Related Disorders. 2018; in M. Ragosta (ed.) *Textbook of Clinical Hemodynamics*, 2<sup>nd</sup> edition. Philadelphia, Elsevier.
- Behr J, Nathan SD, Harari S, Wyuts W, Kirchgaessner K, Bengus M, Gilberg F, Wells A. Sildenafil added to pirfenidone in patients with advanced idiopathic pulmonary fibrosis and pulmonary hypertension: A Phase IIb randomised double-blind placebo-controlled study. *Respir Med* 2018 May; 138:13-20. doi: 10.1016/j.rmed.2018.03.019.

- King CS, Brown AW, Shlobin O, Weir N, Libre M, Franco-Palacios D, Ahmad S, Nathan SD. Incidence and Impact of WHO Group 3 Pulmonary Hypertension in Idiopathic Nonspecific Interstitial Pneumonia. *Eur Respir J* 2018; 52: 1800545. doi: 10.1183/13993003.00545-2018
- Baughman RP, Shlobin OA, Alhamad EH, Cal GJ, Porquero EC, Birring S, Lower EE, Engel PJ, Nathan SD. Clinical features of sarcoidosis associated pulmonary hypertension: results of a multi-national registry. *Respir Med* 2018; 139:72-78. doi: 10.1016/j.rmed.2018.04.015.
- Anderson M, Morris DL, Tang D, Batsides G, Kirtane A, Hanson I, Meraj P, Kapur NK, O'Neill W. Outcomes of patients with right ventricular failure requiring short-term hemodynamic support with the Impella RP device. *J Heart Lung Transplant* 2018 Dec; 37(12):1448-1458. doi: 10.1016/j.healun.2018.08.001.
- Arun J, King CS, Shlobin OA, Brown AW, Wang C, Nathan SD. Pulmonary Hemodynamic Responses Predict Outcomes in Patients with Fibrotic Lung Disease Undergoing Exercise Right Heart Catheterization Testing. *Eur Respir J* 2018; 52:1801015.
- Jose A, Franco-Palacios D, King CS, Gomberg-Maitland M. A 70 year old woman presenting with diarrhea and in-hospital cardiac arrest. *Chest* 2018; 153(1):e5-e8.
- Elinoff JM, Agarwal R, Barnett C, Benza RL, Cuttica MJ, Gharib AH, Gray MP, Hassoun PM, Hemnes AR, Humbert M, Kolb TM, Lahm T, Leopold JA, Mathai SC, McLaughlin VV, Preston IR, Rosenzweig E, Shlobin OA, Steen VD, Zamanian RT, and Solomon MA. Challenges in pulmonary hypertension: icebergs in the water: A Joint National Institutes of Health Clinical Center and Pulmonary Hypertension Association symposium report. *AJRCCM* 2018; 198(2):166-174.
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## 2019

- Nathan SD, Barbera JA, Gaine SP, Harari S, Martinez FJ, Olschewski H, Olsson KM, Peacock AJ, Pepke-Zaba J, Provencher S, Weissmann N, Seeger W. Pulmonary Hypertension in Chronic Lung Disease and Hypoxia. *ERJ* 2019; 53(1):1801914.
- Aras MA, Psotka MA, De Marco T. Pulmonary Hypertension Due to Left Heart Disease: an Update. *Curr Cardiol Rep* 2019 May 27; 21(7):62. doi: 10.1007/s11886-019-1149-1. PMID: 31134443.
- Ruth BK, Bilchick KC, Mysore MM, Mwansa H, Harding WC, Kwon Y, Kennedy JLW, Mazurek JA, Mihalek AD, Smith LA, Mejia-Lopez E, Parker AM, Welch TS, Mazimba S. Increased pulmonary-systemic pulse pressure ratio is associated with increased mortality in group 1 pulmonary hypertension. *Heart, Lung, and Circulation* 2019; 28(7): 1059-1066, PMID 30006114. Mazimba S, Welch TS, Mwansa H, Breathett KK, Kennedy JLW, Mihalek AD, Harding WC, Mysore MM, Zhuo DX, Bilchick KC. Hemodynamically derived pulmonary artery pulsatility index predicts mortality in pulmonary arterial hypertension. *Heart, Lung, and Circulation* 2019; 28(5): 752-760, PMID 29748060.
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- **Nathan SD**, Behr J, Collard HR, Cottin V, Hoeper MM, Martinez F, Corte T, Keogh A, Leuchte H, Mogulkoc N, Ulrich S, Wuyts W, Shah S, Yao M, Boateng F, Wells A. Riociguat for Idiopathic Interstitial Pneumonia-Associated Pulmonary Hypertension: The Randomized RISE-IIP Study. *Lancet Res Med* 2019; 7:780-790.
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## 2020

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