

**Academic Accomplishments 2021
(Inova authors bolded)**

Original Research Manuscripts (accepted or published)

1. Behr J, **Nathan SD**, Wuyts WA, Mogulkoc Bishop N, Bouros DE, Antoniou K, Guiot J, Kramer MR, Kirchgaessler K, Bengus M, Gilberg F, Perjesi A, Harari S, Wells AU. Efficacy and safety of sildenafil added to pirfenidone in patients with advanced idiopathic pulmonary fibrosis and risk of pulmonary hypertension. *Lancet Respir Med* 2021; 9: 85–95
2. Luca Richeldi, Mary Beth Scholand, David A Lynch, Thomas V Colby, Jeffrey L Myers, Steve D Groshong, Jonathan H Chung, Sadia Benzaquen, **Steven D Nathan**, J Russell Davis, Shelley L Schmidt, Lars Hagemeyer, David Sonetti, Jurgen Hetzel, Gerard J Criner, Amy H Case, Murali Ramaswamy, Karel Calero, Umair A Gauhar, Yoonha Choi, Daniel G Pankratz, P Sean Walsh, Lori R Lofaro, Jing Huang, Sangeeta M. Bhorade, Giulia C Kennedy, Fernando Martinez, Ganesh Raghu. Utility of a molecular classifier as a complement to HRCT in identifying Usual Interstitial Pneumonia. *Am J Respir Crit Care Med* Vol 203, Iss 2, pp 211–220, Jan 15, 2021
3. Aaron Waxman, MD, PhD, Ricardo Restrepo, MD, Thenappan Thenappan, MD, Ashwin Ravichandran, MD, Peter Engel, MD, Abubakr Bajwa, MD, Roblee Allen, MD, Jeremy Feldman, MD, Rahul Argula, MD, Peter Smith, PharmD, Kristan Rollins, PharmD, CQ Deng, MD, PhD, Leigh Peterson, PhD, Heidi Bell, MD, Victor Tapson, MD, and **Steven D. Nathan, MD**. Inhaled Treprostinil in Patients with Pulmonary Hypertension due to Interstitial Lung Disease. *N Engl J Med* 2021;384:325-334
4. **Jean Pastre; Scott Barnett; Inga Ksovreli; Jeannie Taylor; A. Whitney Brown; Oksana A. Shlobin; Kareem Ahmad; Vikramjit Khangoora; Shambhu Aryal; Christopher S. King; Steven D. Nathan**. Idiopathic pulmonary fibrosis patients with severe physiologic deficit: characteristics and outcomes. *Respir Res* (2021) 22:5 <https://doi.org/10.1186/s12931-020-01600-z>
5. **Jean Pastre; Sandeep Khandhar; Scott Barnett; Inga Ksovreli; Haresh Mani; A. Whitney Brown; Oksana A. Shlobin; Kareem Ahmad; Vikramjit Khangoora; Shambhu Aryal; Diana L. Morris; Christopher S. King; Steven D. Nathan**. Surgical lung biopsy for interstitial lung disease: safety and feasibility at a tertiary referral center. *Ann Am Thorac Soc*. 2021 Mar;18(3):460-467. doi: 10.1513/AnnalsATS.202006-759OC.
6. **Nathan SD, Pastre J, Ksovreli I, Barnett S, King C, Aryal S, Ahmad K**, Fukuda C, Ramalingam V, Chung JH. HRCT Evaluation of patients with interstitial lung disease: Comparison of the 2018 and 2011 Diagnostic Guidelines. *Ther Adv Respir Dis*. 2020 Jan-Dec;14:1753466620968496. doi: 10.1177/1753466620968496
7. **Chandel A, Patolia S, Looby M, Bade N, Khangoora V, King CS**. Association of D-dimer and Fibrinogen With Hypercoagulability in COVID-19 Requiring Extracorporeal Membrane Oxygenation. *Journal Int Care*. 2021 <https://doi.org/10.1177/0885066621997039> Published 03/10/2021
8. **Chandel A, King CK, Patolia S, Raja AI, Singh R, Dalton HJ**. Agreement between the TEG® 6s and TEG® 5000 analyzers in extracorporeal membrane oxygenation. *ASAIO Journal*. DOI: 10.1097/MAT.0000000000001398
9. **Nunes FS, Pastre J, Brown AW, Alhalabi L, Shlobin OA, King C, Weir NA, Nathan SD**. Functional Assessment of Advanced Lung Disease Patients with a 1-minute Stair Step Test: Comparison with 6-minute Walk Test. *Sarc Vasc and Diff Lung Dis* 2021; 38 (1); e2020026 DOI: 10.36141/svldd.v38i1.9258
10. Marissa Borgese, David Badesch, Todd Bull, Murali Chakinala, Teresa DeMarco, Jeremy Feldman, H. James Ford, Dan Grinnan, James R. Klinger, Lena Bolivar, **Oksana A. Shlobin**, Robert P. Frantz, Jeffery S. Sager, Stephen C. Mathai, Steven Kawut, Peter J. Leary, Michael P. Gray, Rita A. Popat,

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11. **Mehul Desai, Erik Osborn, Christopher King, Oksana A Shlobin, Mitchell Psotka, Liam Ryan, Saba Javid Akhtar, Ramesh Singh.** Extracorporeal life support for cardiogenic shock during pregnancy and postpartum: a single center experience. *Perfusion* 1–6 .DOI: 10.1177/02676591211004369
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13. Michael Keller, Errol Bush, Joshua M. Diamond, Pali Shah, Joby Matthews, **Anne W Brown**, Junfeng Sun, Irina Timofte, Hyesik Kong, Ilker Tunc, Helen Luikart, Aldo Iacono, **Steven Nathan**, Kiran K. Khush, Jonathan Orens, Moon Jang⁴, Hannah A Valantine, Sean Agbor-Enoh. Use of Donor-Derived-Cell-Free DNA as a Marker of Early Allograft Injury in Primary Graft Dysfunction (PGD) to Predict the Risk of Chronic Lung Allograft Dysfunction (CLAD). *J Heart Lung Transplant*. 2021 Feb 20:S1053-2498(21)02180-X. doi: 10.1016/j.healun.2021.02.008. Online ahead of print.
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15. Lauren C. Testa, Yvon Jule, Linnea Lundh, Karine Bertotti, Melissa A. Merideth, Kevin J. O'Brien, Olivier Jule, **Steven D. Nathan, Drew C. Venuto, Souheil**, El-Chemaly, May Christine V. Malicdan, Bernadette R. Gochuico. Automated Quantification of Pulmonary Fibrosis in Human Histopathology Specimens. *Front. Med.*, 15 June 2021 | <https://doi.org/10.3389/fmed.2021.607720>
16. Jang MK, Tunc I, Berry GJ, Marboe C, Kong H, Keller MB, Shah PD, Timofte I, **Brown AW**, Ponor IL, Mutebi C, Philogene MC, Yu K, Iacono A, Orens JB, **Nathan SD**, Agbor-Enoh S. Donor-derived cell-free DNA accurately detects acute rejection in lung transplant recipients, a multicenter cohort study. *J Heart Lung Transplant*. 2021 Apr 24:S1053-2498(21)02281-6. doi: 10.1016/j.healun.2021.04.009. Online ahead of print.
17. **Nathan SD**, Cottin V, Behr J, Hoepfer MM, Martinez F, Corte T, Keogh AM, Leuchte H, Mogulkoc N, Ulrich S, Wuyts WA, Yao Z, Ley-Zaporozhan J, Müller-Lisse GU, Scholle FD, Brueggenwerth G, Busse D, Nikkho S, Wells AU. Impact of lung morphology on clinical outcomes with riociguat in the RISE-IIP study. *J Heart Lung Transplant* 2021;40:494–503
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20. Baughman RP, **Shlobin OA**, Gupta R, Engel PE, Stewart J, Lowere EE, Rahaghi F, Zeigler J, **Nathan SD**. Riociguat for Sarcoidosis Associated Pulmonary Hypertension: Results of a One Year Double Blind, Placebo Controlled Trial. *Chest*. 2021 Aug 4:S0012-3692(21)03613-8. doi: 10.1016/j.chest.2021.07.2162. Online ahead of print. PMID: 34363816

21. Amisha V. Barochia, Maryann Kaler, **Nargues Weir**, Elizabeth M. Gordon, Debbie M. Figueroa, **Merte Lemma WoldeHanna**, Maureen Sampson, Alan T. Remaley, Geraldine Grant, **Scott D. Barnett, Steven D. Nathan**, and Stewart J. Levine MR. Spectroscopy Identifies that Serum Levels of Small HDL Particles are Negatively Correlated with Death or Lung Transplantation in Idiopathic Pulmonary Fibrosis. *Eur Respir J.* 2021 Jul 21:2004053. doi: 10.1183/13993003.04053-2020. Online ahead of print. PMID: 34289973
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24. Abhimanyu Chandel Saloni Patolia, **Kareem Ahmad, Shambhu Aryal, A. Whitney Brown**, Dhvani Sahjwani, **Vikramjit Khangoora, Oksana A. Shlobin**, Paula C. Cameron, **Anju Singhal**, Arthur W. Holtzclaw, **Mehul Desai, Steven D. Nathan, Christopher S. King**. Inhaled nitric oxide via high-flow nasal cannula in patients with acute respiratory failure related to COVID-19. *Clin Med Insights Circ Respir Pulm Med.* 2021 Sep 29;15:11795484211047065. doi: 10.1177/11795484211047065. eCollection 2021.
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ORIGINAL RESEARCH MANUSCRIPTS:

ACCEPTED or EPUB

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40. **Steven D. Nathan**, Victor F. Tapson, Jean Elwing, Franz Rischard, Jinesh Mehta, Shelley Shapiro, Eric Shen, Lisa Edwards, Peter Smith, Aaron Waxman. Efficacy of inhaled treprostinil on multiple disease progression events in patients with pulmonary hypertension due to parenchymal lung disease in the INCREASE trial. *Steven D. Nathan, Victor F. Tapson, Jean Elwing, Franz Rischard, Jinesh Mehta, Shelley Shapiro, Eric Shen, Lisa Edwards, Peter Smith, Aaron Waxman. Efficacy of inhaled treprostinil on multiple disease progression events in patients with pulmonary hypertension due to parenchymal lung disease in the INCREASE trial. Am J Respir Crit Care Med*. 2021 Nov 12. doi: 10.1164/rccm.202107-1766OC. Online ahead of print. PMID: 34767495
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CASE REPORTS

1. **Singhal A, King C, Mani H, Brown AW** (2021) Bronchial Artery Embolization as a Bridge to Lung Transplantation. *J Transplant Surg* 4(1):70-71
2. Shreya Podder, **Christopher S. King**, Erik Osborn, Aldo Iacono, James Lantry, Mehul Desai. Irreversible Respiratory Failure in Healthy Individuals Exposed to Trimethoprim-Sulfamethoxazole – Case Report. *Journal of Clinical Case Reports and Clinical Study*, 5(2); DOI: <http://doi.org/03.2021/1.1041>
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REVIEWS

1. **Steven D. Nathan**, Jack Wanger, Joseph D. Zibrak, Mark L. Wencel, Cindy Burg, John L. Stauffer. Using Forced Vital Capacity to Monitor Patients With Idiopathic Pulmonary Fibrosis in the Clinic: Pros and Cons. *Expert Rev Respir Med*. 2020 Sep 28:1-7. doi: 10.1080/17476348.2020.1816831.
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Lung Biopsy in the Diagnosis of Fibrotic Interstitial Lung Disease: Perspective from the Pulmonary Fibrosis Foundation. Accepted to the Annals ATS.

5. **Ahmad K, Khangoora V, Nathan SD.** Lung Disease Related Pulmonary Hypertension. Clinics in Cardiology
6. Shiva R. Ambardar, Stephanie Hightower, Nikhil Huprikar, Kevin Chung , **Anju Singhal** , Jacob Collen. Post-COVID-19 Pulmonary Fibrosis: novel sequelae of the current pandemic. J Clin Med
7. Bradley A. Maron, Steven H. Abman, C. Greg Elliott, Robert P Frantz, Rachel K. Hopper, Evelyn M. Horn, Mark R. Nicolls., **Oksana A. Shlobin**, Sanjiv J. Shah, Gabor Kovacs, Horst Olschewski, Erika B. Rosenzweig. Pulmonary Arterial Hypertension: Diagnosis, Treatment, and Novel Advances e pub Am J Res and Crit Care Med. <https://www.atsjournals.org/doi/abs/10.1164/rccm.202012-4317SO>
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10. **King CS**, Mannem H, Kukreja J, **Aryal S, Tang D**, Singer JP, Bharat A, Behr J, **Nathan SD**. Lung Transplantation of COVID-19 patients: How I do it. Chest 2021 Aug 18:S0012-3692(21)03668-0. doi: 10.1016/j.chest.2021.08.041. Online ahead of print. PMID: 34418410

CONSENSUS STATEMENTS

1. Nandor Marczin , Eric E.C de Waal , Peter Hopkins, Michael S. Mulligan, Andre Simon, Andrew Shaw, Dirk Van Raemdonck, Arne Neyrinck, Cynthia Gries, Lars Algotsson, Laszlo Szegedi, Vera von Dossow, Marc Licker, Bessie Kachulis, Donna Greenhalgh, Peter Slinger, Franco Valenza, David McIlroy, Paula Carmona, Steffen Rex, **Christopher King**, Daniela Pasero, Aidan Burrell, David Royston, Priya Nair , Chris Walker, David Pilcher, Dominik Hoechter International Consensus Recommendations for Anesthetic and Intensive Care Management of Lung Transplantation *Executive summary* An EACTA, SCA, ISHLT ESOT, ESTS, and AST Approved document. J Heart Lung Transplant 2021;40:1327-1348
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4. Maria M Crespo, MD; **Oksana A Shlobin**, MD; Edward Cantu, MD; Jeremy A Mazurek, MD; Deborah Levine, MD; Jacob Gutsche, MD; Manreet Kanwar, MD; Göran Dellgren, MD, PhD; Errol L Bush, MD; Gustavo A Heresi, MD; Marcello Cypel, MD; Rachel Hadler, MD; Nicholas Kolatis, MD; Veronica Franco, MD; Luke J Benvenuto, MD; Joshua J Mooney, MD; Matthew Pipeling, MD; **Christopher King**, MD; Hannah Mannem, MD; Sanjeev Raman, MD; Christiane Knoop, MD; Aaron Douglas, DO; Olaf Mercier, MD, PhD ISHLT Consensus Document on Lung Transplantation in Patients with Connective Tissue Disease: Part II: Cardiac, Surgical, Perioperative, Operative, and Post-Operative Challenges and Management Statements. J Heart Lung Transplant 2021;40:1251-1266
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BOOK CHAPTERS AND BOOKS

1. **Shambhu Aryal, Vikramjit Khangoora, Steven D Nathan.** Lung Transplantation For Pulmonary Hypertension. For Encyclopedia of Respiratory Medicine
2. **Aryal S, Ahmad K, Nathan SD.** Group 3 PH: Clinical Features and Treatment: For Encyclopedia of Respiratory Medicine, 2nd Edition Medicine being published by Elsevier. <https://doi.org/10.1016/B978-0-12-801238-3.11655-1>
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4. Yau P, Lat T, **Shlobin OA,** Malave A, Levine DJ. Pulmonary vascular disease and transplant in advanced lung diseases (Chapter 24). Pulmonary Vascular Disorders. Edited by Carbone RG, Puppò F and Tapson VF (Nova Medicine & Health 2021).

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1. <https://vimeo.com/bullseyems/review/542259404/5232aa48d4>
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ORIGINAL RESEARCH ABSTRACTS & PRESENTATIONS TO INTERNATIONAL MEETINGS

ISPOR 2021

1. Frantz RP, Rane D, Nathan SD, Lancaster L, Frost AE, Chakinala MM, Oudiz RJ, Farber HW. Real-World Clinical Characteristics of 112 Patients with Idiopathic Pulmonary Fibrosis; Update from the Trio Health IPF Registry. Accepted to ISPOR 2021
2. Chakinala MM, Rane D, Oudiz RJ, Frost AE, Frantz RP, Nathan SD, Farber HW Comorbidities and Survival Risk Measures of Pulmonary Hypertension (PH) Patients in US-Clinical Care: Real-World Assessments from the Trio Health PH Registry. Accepted to ISPOR 2021

ATS 2021

1. Luca Richeldi, Kevin Anstrom, Jürgen Behr, Tamera J. Corte, Vincent Cottin, Gisli Jenkins, Nikhil Kamath, Yoshikazu Inoue, **Steven D. Nathan,** Ganesh Raghu, Jessie Randhawa, Simon LF Walsh, Fernando J. Martinez. Recombinant Human Pentraxin-2 (rhPTX-2; PRM-151) for Idiopathic Pulmonary Fibrosis: Study Design of STARSCAPE, A Phase III Randomized Double Blind Placebo Controlled Trial. Accepted to ATS 2021
2. Behr J, **Nathan SD,** Harari S, Wuyts W, Kirchgassler K-U, Bengus M, 5 Gilberg F, Alvaro G, 5 Wells AU. Long Term Safety and Survival in Patients with Advanced Idiopathic Pulmonary Fibrosis (IPF) and Risk of Pulmonary Hypertension (PH). To be submitted to ATS 2021

3. Behr J, **Nathan SD**, Harari S, Wuyts W, Kirchgaessler K-U, Bengus M, Gilberg F, Wells AU. Sildenafil Added to Pirfenidone in Patients With Advanced Idiopathic Pulmonary Fibrosis (IPF) And Risk of Pulmonary Hypertension (PH), PH Key Assessments Analysis (Right Heart Catheterization Availability And Baseline NT-proBNP). Accepted to ATS 2021
4. **Steven D. Nathan**, Ming Yang, John L. Stauffer. The single breath diffusing capacity for carbon monoxide in patients with idiopathic pulmonary fibrosis: 6 month variability and its role in predicting FVC change. Accepted to ATS 2021
5. **Abhimanyu Chandel, Alison Verster, Hussna Rahim, Vikramjit Kanghooora, Steven D. Nathan, Kareem Ahmad, Shambhu Aryal, Aaron Bagnola, Anju Singhal, A. Whitney Brown, Oksana Shlobin, Christopher S. King**. Incidence and significance of pleural effusions in patient with pulmonary arterial hypertension. To be submitted to ATS 2021
6. **Steven D. Nathan**, F. Tapson, Jean Elwing, Franz Rischard, Jinesh Mehta, Eric Shen, Lisa Edwards, Peter Smith, Aaron Waxman. Efficacy of inhaled treprostinil on multiple disease progression events in patients with pulmonary hypertension due to parenchymal lung disease in the INCREASE trial. Accepted to ATS 2021 as an oral presentation.
7. Jean Pastré; Solène Valery **Whitney Brown; Oksana A. Shlobin; Kareem Ahmad; Vikramjit Khangoora; Shambhu Aryal; Christopher S. King; Steven D. Nathan**; Accuracy of the GAP score in patients treated with antifibrotic therapy. **A**. Accepted to ATS 2021.
8. Prognosis of Idiopathic Pulmonary Fibrosis in the antifibrotic era stratified by the GAP score. Jean Pastré; Solène Valery; **A. Whitney Brown; Oksana A. Shlobin; Kareem Ahmad; Vikramjit Khangoora; Shambhu Aryal; Christopher S. King; Steven D. Nathan**. Accepted to ATS 2021
9. Riociguat was effective in increasing time until clinical worsening in sarcoidosis associated pulmonary hypertension: results of a one year double blind, placebo controlled trial. Baughman RP, **Shlobin O**, Gupta R, Engel PE, Lower EE, Rohagi F, **Nathan SD**. Accepted to ATS 2021.
10. Bernadette R. Gochuico, Yvon Jule, Linnea Lundh, Karine Bertotti, Melissa A. Merideth, Kevin J. O'Brien, **Steven D. Nathan, Drew C. Venuto**, Souheil El-Chemaly, May Christine V. Malicdan, Lauren C. Testa. Automated Digital Quantification of Pulmonary Fibrosis in Human Histopathology Specimens. To be submitted to ATS 2021.
11. Comorbid burden and survival risk metrics of pulmonary hypertension (PH) patients in US-clinical care: real-world assessments by etiology from the TRIO Health PH Registry. Accepted to ATS 2021
12. Na'ama Avitzur, Elizabeth M. Noth, Mubasiru Lamidi, **Steven D. Nathan**, Harold R. Collard, Neeta Thakur, Kerri A. Johannson. Environmental Health and Clinical Outcomes in Patients with Idiopathic Pulmonary Fibrosis. To be submitted to ATS 2021
13. **A. Claire Collins, Merte Lemma**, Grace Sese, **Oksana Shlobin, Christopher King, Kareem Ahmad, Steven D. Nathan; A. Whitney Brown**. Administration of COVID-19 Convalescent Plasma at a Metropolitan Health Care System. ATS 2021
14. Waxman AB, Tapson VF, Ramanai G, Risbano MG, Bourge R, Broderick M, Smith P, Deng C, **Nathan SD**. Clinical Improvement in Patients Treated with Inhaled Treprostinil: A Post Hoc Analysis of the INCREASE Study. ATS 2021
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Victor Tapson, **Steven D. Nathan**, Reda E. Girgis, James R. Runo, Remzi Bag, Arunabh Talwar, Peter Smith, Lisa Edwards, Christine C. Park, Aaron B. Waxman. Efficacy in Patient Subgroups in the INCREASE Trial, a Phase III Trial to Evaluate Inhaled Treprostinil in Patients with Pulmonary Hypertension due to Parenchymal Lung Disease.

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Luca Richeldi, Kevin J Anstrom, Jürgen Behr, Tamera J. Corte, Vincent Cottin, Gisli Jenkins, Nikhil Kamath, Yoshikazu Inoue, **Steven D. Nathan**, Ganesh Raghu, Jessie Randhawa, Simon LF Walsh, Fernando J. Martinez. Recombinant Human Pentraxin-2 for Idiopathic Pulmonary Fibrosis: Design of STARSCAPE-OLE, A Phase III Open Label Extension Study.

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Chest 2021

1. Abhimanyu Chandel, Saloni Patolia, **A. Whitney Brown, A. Claire Collins**, Dhvani Sahjwani, **Vikramjit Khangoora**, Paula C. Cameron, Mehul Desai, **Steven D. Nathan, Christopher S. King**, Inhaled nitric oxide via high-flow nasal cannula in patients with acute respiratory failure related to COVID-19.
2. Jean Pastré; Solène Valéry; **A. Whitney Brown; Oksana A. Shlobin; Kareem Ahmad; Vikramjit Khangoora; Shambhu Aryal; Christopher S. King; Steven D. Nathan.** Idiopathic pulmonary fibrosis prognostic evaluation: could we do better? To be submitted to Chest.
3. Severe thrombocytopenia due to IV epoprostenol: Don't muck with the platelets. Ahmad Q, **Singhal A, Khangoora V, Nathan SD, Aryal S, Ahmad K, Brown AW, Bagnola A, King C, Shlobin OA.**
4. Franck Rahaghi, Nicholas Kolaitis, Ayodeji Adegunsoye, Joao de Andrade, Kevin Flaherty, Lisa Lancaster, Joyce Lee, Deborah Levine, Ioana Preston, Zeenat Safdar, Rajan Saggar, Sandeep Sahay, Mary Beth Scholand, **Oksana Shlobin**, David A Zisman, **Steven D. Nathan.** Screening for pulmonary hypertension in patients with interstitial lung disease: recommendations from a Delphi consensus recommendations.
5. **Steven D. Nathan**, Tracey Weiss, Dena Rosen Ramey, Xiaohui Zhao, Tania Banerji, Handing Xie, Aimee Near. Characterization of patients with pulmonary hypertension due to COPD (COPD-PH): A real-world data analysis.
6. Ronald J. Oudiz, Murali M. Chakinala, Robert P. Frantz, Adaani E. Frost, Lisa H. Lancaster, **Steven D. Nathan**, Anne Dee, Andrew Frick, Veena M. Narayan, Sumeet Panjabi, Harrison Farber. Comparison of idiopathic versus connective Tissue Disease-associated PAH Groups in US Clinical Practice.
7. Murali M. Chakinala, Robert P. Frantz, Adaani E. Frost, Lisa H. Lancaster, **Steven D. Nathan**, Ronald J. Oudiz, Anne Dee, Veena M. Narayan, Sumeet Panjabi, Nicole Wick, Harrison Farber., Transthoracic echocardiogram and right heart catheterization as disease management tools for Group I PAH patients in US clinical practice; observations from the TRIO Health PH Registry.
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9. **Lemma WoldeHanna Merte, Bowen, Melissa Nam Lucy Shlobin, Oksana, Ahmad Kareem, Banez-Sese, Nathan, Steven, Brown Anne Whitney** Feasibility of Expedient Establishment of COVID-19 Convalescent Plasma Donor Program at a Metropolitan Health Care System. Chest 2021
10. **Dana Prasanna, A. Whitney Brown, Shourjo Chakravorty, Steven D. Nathan, Shambhu Aryal.** Incidence and Impact of Post-operative Acute Kidney Injury requiring renal replacement therapy during Index Lung Transplant Hospitalization.
11. Tapson VF, **Nathan SD**, Fisher M, Ford H, Gagermeier J, Parambil J, Raina A, Zwicke D, Gerke A, Shen E, Lee D, Rao Y, Waxman A Dose-response analysis of inhaled treprostinil in pulmonary hypertension associated with interstitial lung disease and its effects on clinical worsening.
12. **Nyquist, A., & Natt, B.** (2021). Is Critical Care Myopathy A Contraindication for Succinylcholine?. Chest, 160(4), A641.

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IDWeek

Jeffrey R. Strich, Xin Tian, Mohamed Samour, **Christopher S. King, Oksana Shlobin**, Robert Reger, Jonathan Cohen, **Kareem Ahmad, A Whitney Brown, Vikramjit Khangoora, Shambhu Aryal**, Yazan Migdady, Jennifer Jo Kyte, Jungnam Joo, **Rebecca Hays, A. Claire Collins, Edwinia Battle**, Janet Valdez, Josef Rivero, Ick-ko Kim, Julie Erb-Alvarez, Ruba Shalhoub, Mala Chakraborty, Susan Wong, Benjamin Colton, Marcos J. Ramos-Benitez, Seth Warner, Daniel S. Chertow, Kenneth N. Olivier, Georg Aue, Richard T. Davey, Anthony F. Suffredini, Richard W. Childs, **Steven D. Nathan.** A Double-Blind, Randomized, Placebo-Controlled, Phase 2 Study of Fostamatinib for the Treatment of Hospitalized Adults with COVID-19.

American Chemical Society

Marasco E, Morell MP, Gulley J, Charalampos F, Ruppin E, **Nathan S**. COVID-19 Real-time Detection via Hyperspectral Analysis of Sweat Metabolite Biometrics. American Chemical Society 2021.

Pulmonary Fibrosis Foundation Summit 2021

1. **Nathan SD**, Waxman A, Garcia H, Schilz R, Spurzem J, Seeram V, Cho E, Rao Y, Shen E, Smith P, Tapson VF. Impact of inhaled treprostinil on acute exacerbations: a post-hoc analysis of the INCREASE study. Submitted to PFF 2021.
2. Shilpa Johri, Kevin R. Flaherty, Marilyn K. Glassberg, Lisa Lancaster, Ganesh Raghu, Jeffrey J. Swigris, P Fernandes, Ed Parsley, Amy Edmonds, Parag Shah, **Steven D. Nathan**. MVPA Reflects Life participation in Patients Using INOpulse therapy. Accepted to PFF 2021.
3. Marilyn K. Glassberg, Kevin R. Flaherty, Lisa Lancaster, Ganesh Raghu, Jeffrey J. Swigris, P Fernandes, Ed Parsley, Amy Edmonds, Parag Shah, **Steven D. Nathan**. REBUILD: A Phase 3 Study of INOpulse for the Treatment of Patients with Fibrotic Interstitial Lung Disease at Risk of Associated Pulmonary Hypertension