

2020 Pulmonary Disease/Critical Care Medicine Scholarly Activity

Books Published

Wang KP, Mehta AC, **Turner JF** (Eds). *Flexible Bronchoscopy*, 4th Edition, Wiley-Blackwell

Book Chapters

Bevill B. “Balloon Bronchoplasty” In: *Flexible Bronchoscopy* 4th Edition, Bevill BT (Eds). Wiley-Blackwell

Moore BA, **Turner JF**, Wang KP. “Anesthetic Management for Diagnostic and Therapeutic Bronchoscopy” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell.

McKay S, Browning RF, **Turner JF**, Wang KP. “Bronchoscopic Lung Biopsy” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Turner JF, Wang KP. “Rigid Bronchoscopy” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Xia Y, **Turner JF**, Mehta AC, Wang KP. “Transbronchial Needle Aspiration for Cytology and Histology Specimens” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Baveja S, Hohenforst-Schmidt W, **Turner JF**, Wang KP. “Virtual Bronchoscopic Navigation” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Wang KP, Mehta AC, **Turner JF**. Preface – *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Murgu SD, Kurman JS, Wang KP, Mehta AC, **Turner JF**. “Endobronchial Stents” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Mehta AC, **Turner JF**. “Applied Anatomy & Physiology of the Airways” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Turner JF, Wang KP. “Staging of Bronchogenic Carcinoma: Our Path from 1994 to Now” In: *Flexible Bronchoscopy*, 4th Edition, Wang KP, Mehta AC, Turner JF (Eds). Wiley-Blackwell

Publications

Li J, Fink JB, Augustynovich AE, Mirza S, Kallet RH, **Dhand R**. Effects of inhaled Epoprostenol and prone positioning in intubated coronavirus disease 2019 patients with refractory hypoxemia. *Crit Care Explor*. 2020 Dec 16;2(12): e0307. eCollection 2020 Dec. PMID: 33354678

Terry PD, **Dhand R**. Maintenance therapy with nebulizers in patients with stable COPD: Need for reevaluation. *Pulm Ther*. 2020 Dec;6(2):177-192. Epub 2020 May 20. PMID: 32436142

Fink JB, Ehrmann S, Li J, Dailey P, McKiernan P, Darquenne C, Martin AR, Rothen-Rutishauser B, Kuehl PJ, Häussermann S, MacLoughlin R, Smaldone GC, Muellinger B, Corcoran TE, **Dhand R**. Reducing aerosol-related risk of transmission in the era of COVID-19: An interim guidance endorsed by the International Society of Aerosols in Medicine. *J Aerosol Med Pulm Drug Deliv*. 2020 Dec;33(6):300-304. Epub 2020 Aug 12. PMID: 32783675

Biney I, Dudney T, Ferris J, Shamiyeh J, Peeke J, Dhand R. CT findings in 30-day COPD readmissions. *CHEST*. 2020 Oct;158(4): A2491. Available in Scopus: Nov 2020. GSMID: 7201109

Dhand R, Li J. Coughs and sneezes: Their role in transmission of respiratory viral infections, including SARS-CoV-2. *Am J Respir Crit Care Med*. 2020 Sep 1;202(5):651-659. PMID: 32543913

Shi D, Li F, Wang K, Kong C, Huang H, Li Q, Jin F, Hu C, Wang C, Shi H, Hu Z, Dong Y, Ning Y, Tsakiridis K, Sapalidis K, Kosmidis C, Vagionas A, Hohenforst-Schmidt W, Freitag L, **Turner JF**, Drevelegas K, Perdikouri EI, Kovacevic T, Sarcev T, Zaric B, Petanidis S, Baka S, Boukovinas I, Kakolyris S, Zarogoulidis P, Bai C. The development of bronchoscopy in China: A national cross-sectional study. *J Cancer*. 2020 Jul 20;11(19):5547-5555. eCollection 2020. 2020 Sep 15. PMID: 32913450

Li J, Fink JB, MacLoughlin R, **Dhand R**. A narrative review on trans-nasal pulmonary aerosol delivery. *Crit Care*. 2020 Aug 17;24(1):506. PMID: 32807226

Dhand R. Reproducible dosing with a jet nebulizer during invasive mechanical ventilation. *Respir Care*. 2020 Aug;65(8):1223-1224. PMID: 32712586

Soto FJ, Mehmood M. Will the real pulmonary pressure please stand up? *Ann Am Thorac Soc*. 2020 Aug 28. [Epub ahead of print]. PMID: 32857601

Beeh KM, **Dhand R**. Pulmonary therapy 2020 update and podcast: Meet the journal's editors-in-chief. *Pulm Ther*. 2020 Jun;6(1):1-7. Epub 2020 Apr 9. PMID: 32274702

Terry PD, **Dhand R**. Inhalation therapy for stable COPD: 20 years of GOLD reports. *Adv Ther*. 2020 May;37(5):1812-1828. Epub 2020 Apr 3. PMID: 32246264

Niederman MS, Alder J, Bassetti M, Boateng F, Cao B, Corkery K, **Dhand R**, Kaye KS, Lawatscheck R, McLeroth P, Nicolau DP, Wang C, Wood GC, Wunderink RG, Chastre J. Inhaled amikacin adjunctive to intravenous standard-of-care antibiotics in mechanically ventilated patients with Gram-negative pneumonia (INHALE): A double-blind, randomised, placebo-controlled, phase 3, superiority trial. *Lancet Infect Dis*. 2020 Mar;20(3):330-340. Epub 2019 Dec 19. PMID: 31866328

Clark AR, Weers JG, **Dhand R**. The confusing world of dry powder inhalers: It is all about inspiratory pressures, not inspiratory flow rates. *J Aerosol Med Pulm Drug Deliv*. 2020 Feb;33(1):1-11. Epub 2019 Oct 31. PMID: 31613682

Biney I, Dudney T, Goldman M, Carder L, **Schrivier E**. Successful use of hyperbaric oxygen as adjunctive therapy for a nonhealing venous ulcer in a patient with systemic sclerosis and pulmonary arterial hypertension: A case report and review of the literature. *Case Rep Pulmonol*. 2020 Feb 24; 2020:4750375. eCollection 2020. PMID: 32181042

Bredhold BE, Winters SD, **Callison JC**, Heidel RE, Allen LM, Hamilton LA. Impact of the sequence of Norepinephrine and Vasopressin discontinuation in patients recovering from septic shock. *Hosp Pharm*. 2020 Feb;55(1):26-31. Epub 2018 Dec 5. PMID: 31983763

Silvestri GA, **Bevill BT**, Huang J, Brooks M, Choi Y, Kennedy G, Lofaro L, Chen A, Rivera MP, Tanner NT, Vachani A, Yarmus L, Pastis NJ. A valuation of diagnostic yield from bronchoscopy: The impact of clinical/radiographic factors, procedure type, and degree of suspicion for cancer. *CHEST*. 2020 Jun;157(6):1656-1664. Epub 2020 Jan 21. PMID: 31978428

Presentations

Treat S, **Biney I, McCormack M**. A rare case of adult onset idiopathic pulmonary hemosiderosis. Presented at (National) CHEST 2020: (Virtual) Chicago, IL October 18-21, 2020

Soto FJ, Venero CV, Soto DJ, Mehmood M. Optimal hemodynamic assessment of right atrial pressure and correlation with stroke volume index. Presented at (International) CHEST 2020: (Virtual) Chicago, IL October 18-21, 2020

Baveja S, Akpa B, Ferris J, Hecht J, Heidel RE, Zeng R, **Dhand R**. "Correlation of ultrasound measurement of muscle thickness, muscle weakness, and functional limitation in patients admitted for medical illness." Presented at (International) American Thoracic Society: Philadelphia, PA May 15-20, 2020

Biney I, Novoa A, Alsharif O, Reynolds B, **Turner JF**, **McCormack M**, **Dudney T**. Impact of hypercapnia on outcomes in patients with COPD presenting with septic shock. Presented at Society of Critical Care Medicine 49th Annual Critical Care Conference (National): Orlando, FL February 16-19, 2020

Hunt M, Frisbee J, Winters S, **Dudney T**, **Branca P**. Hydrocortisone and fludrocortisone vs hydrocortisone alone in medically critically ill patients with septic shock. Presented at Society of Critical Care Medicine 49th Annual Critical Care Conference (National): Orlando, FL February 16-19, 2020

Editorial Appointments

R Dhand MD - Editor-in-chief, *ISAM Textbook of Aerosol Medicine*.

JF Turner MD - Co-Editor-in-Chief. *Journal of Biomedicine*.

Editorial Boards

R Dhand MD - *Journal of Aerosol Medicine*, Mary Ann Liebert, Inc. publishers.

R Dhand MD - *Respiratory Care*, American Association of Respiratory Care.

R Dhand MD - *International Journal of COPD*, Dove Press, Ltd.

R Dhand MD - *Advances in Therapy*, Springer Healthcare Ltd.

R Dhand MD - *Journal of Molecular and Translational Research*, JMTR Publications, LLC.

JF Turner MD - *Thoracic Endoscopy*

JF Turner MD - Ad Hoc Editor: *Journal of Thoracic Oncology*; *Journal of Thoracic Diseases*; *Journal of Bronchology and Interventional Pulmonology*; *Chest*, *American Journal of Respiratory & Critical Care Medicine*

Clinical Trials

2017-Present Principal Investigator: **Callison, J.**
Vertex VX17-659-102: A Phase 3, Randomized, Double-blind, Controlled Study Evaluating the Efficacy and Safety of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who Are Heterozygous for the F508del Mutation and a Minimal Function Mutation (F/MF)

- 2017-Present Principal Investigator: **Callison, J.**
Vertex 103: A Phase 3, Randomized, Double-blind, Controlled Study Evaluating the Efficacy and Safety of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who Are Homozygous or the F508del Mutation (F/F)
- 2017-Present Principal Investigator: **Callison, J.**
Vertex VX17-659-105: A Phase 3, Open-label Study Evaluating the Long-term Safety and Efficacy of VX-659 Combination Therapy in Subjects with Cystic Fibrosis Who are Homozygous or Heterozygous for the F508del Mutation

Invited Lectures

- Soto, FJ.** Diastology for the pulmonologist: What they didn't teach you in "pulmonary school." CHEST 2020 (Virtual): Chicago, IL October 18-21, 2020
- Soto, FJ.** Is my patient's pulmonary hypertension left or right? The probe and the catheter come to your rescue. CHEST 2020 (Virtual): Chicago, IL October 18-21, 2020
- Soto, FJ.** Right heart catheterization for the evaluation of Group 2 PH: More than just a pressure cutoff. CHEST 2020 (Virtual): Chicago, IL October 18-21, 2020