




Joseph Levitt, MD, MS

Associate Professor of Medicine (Pulmonary and Critical Care Medicine)

Medicine - Pulmonary, Allergy & Critical Care Medicine

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Pulmonary, Allergy and Critical Care Medicine**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Joseph Levitt specializes in the treatment of adult pulmonary diseases including COPD, asthma, bronchiectasis, chronic cough, sarcoidosis, and pulmonary infections. He has practiced pulmonary medicine for more than 10 years. In addition to outpatient pulmonary medicine, Dr. Levitt is a critical care intensivist with a specific research interest in the clinical management of the Acute Respiratory Distress Syndrome (ARDS).

CLINICAL FOCUS

- Pulmonary Critical Care
- Critical Care Medicine

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Pulmonary, Allergy & Critical Care Medicine

ADMINISTRATIVE APPOINTMENTS

- Program Director, Division of Pulmonary and Critical Care Medicine, Stanford University Department of Medicine, (2015- present)

PROFESSIONAL EDUCATION

- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2024)
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2024)
- Residency: University of Chicago Hospitals Internal Medicine Residency (2001) IL
- Medical Education: University of Minnesota School of Medicine (1998) MN
- Fellowship: Stanford University Pulmonary and Critical Care Fellowship (2005) CA
- Fellowship: University of Chicago Pulmonary Disease and Critical Care Medicine Fellowship (2004) IL
- Internship: University of Arizona Internal Medicine Residency (1999) AZ
- Residency: John H Stroger Jr Hospital of Cook County Internal Medicine Residency (2002) IL
- M.D., University of Minnesota (1998)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research focuses on the physiologic and biomarker characteristics of early acute lung injury (ALI) prior to need for mechanical ventilation. While, to date no pharmacologic treatment has improved survival in ALI, following the paradigm of early goal directed therapy for severe sepsis, clinical benefit may derive from identifying patients and initiating treatment prior to the need for positive pressure ventilation (and therefore prior to meeting current study entry criteria).

CLINICAL TRIALS

- ARrest RESpiraTory Failure From PNEUMONIA, Recruiting
- Aspiration in Acute Respiratory Failure Survivors 2, Recruiting
- I-SPY COVID-19 TRIAL: An Adaptive Platform Trial for Critically Ill Patients, Recruiting
- Accelerating COVID-19 Therapeutic Interventions and Vaccines 4 ACUTE, Not Recruiting
- ACTIV-3: Therapeutics for Inpatients With COVID-19, Not Recruiting
- COVID-19 Outpatient Pragmatic Platform Study (COPPS) - Acebilustat Sub-Protocol, Not Recruiting
- COVID-19 Outpatient Pragmatic Platform Study (COPPS) - Master Protocol, Not Recruiting
- EPVent 2- A Phase II Study of Mechanical Ventilation Directed by Transpulmonary Pressures, Not Recruiting
- Human Mesenchymal Stem Cells For Acute Respiratory Distress Syndrome, Not Recruiting
- Human Mesenchymal Stromal Cells For Acute Respiratory Distress Syndrome (START), Not Recruiting
- LIPS-A: Lung Injury Prevention Study With Aspirin, Not Recruiting
- LIPS-B: Lung Injury Prevention Study With Budesonide and Beta, Not Recruiting
- Novel Experimental COVID-19 Therapies Affecting Host Response, Not Recruiting
- Reevaluation Of Systemic Early Neuromuscular Blockade, Not Recruiting
- Statins for Acutely Injured Lungs From Sepsis, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Fostamatinib for Hospitalized Adults With COVID-19 and Hypoxemia: A Randomized Clinical Trial.** *JAMA network open*
Collins, S. P., Shotwell, M. S., Strich, J. R., Gibbs, K. W., de Wit, M., Files, D. C., Harkins, M., Hudock, K., Merck, L. H., Moskowitz, A., Apodaca, K. D., Barksdale, A., Safdar, et al
2024; 7 (12): e2448215
- **International multi-cohort analysis identifies novel framework for quantifying immune dysregulation in critical illness: results of the SUBSPACE consortium.** *bioRxiv : the preprint server for biology*
Moore, A. R., Zheng, H., Ganesan, A., Hasin-Brumshtein, Y., Maddali, M. V., Levitt, J. E., van der Poll, T., Scicluna, B. P., Giamarellos-Bourboulis, E. J., Kotsaki, A., Martin-Loeches, I., Garduno, A., Rothman, et al
2024
- **Renin-Angiotensin System Modulation With Synthetic Angiotensin (1-7) and Angiotensin II Type 1 Receptor-Biased Ligand in Adults With COVID-19: Two Randomized Clinical Trials.** *JAMA*

- Self, W. H., Shotwell, M. S., Gibbs, K. W., de Wit, M., Files, D. C., Harkins, M., Hudock, K. M., Merck, L. H., Moskowitz, A., Apodaca, K. D., Barksdale, A., Safdar, B., Javaheri, et al
2023; 329 (14): 1170-1182
- **Evaluation of acebilustat, a selective inhibitor of leukotriene B4 biosynthesis, for treatment of outpatients with mild-moderate COVID-19 disease: A randomized, double-blind, placebo- controlled Phase 2 trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Levitt, J. E., Hedlin, H., Duong, S., Lu, D., Lee, J., Bunning, B., Elkarra, N., Pinsky, B. A., Heffernan, E., Springman, E., Moss, R. B., Bonilla, H. F., Parsonnet, et al
2023
 - **Opportunities for improved clinical trial designs in acute respiratory distress syndrome.** *The Lancet. Respiratory medicine*
Wick, K. D., Aggarwal, N. R., Curley, M. A., Fowler, A. A., Jaber, S., Kostrubiec, M., Lassau, N., Laterre, P. F., Lebreton, G., Levitt, J. E., Mebazaa, A., Rubin, E., Sinha, et al
2022; 10 (9): 916-924
 - **Opportunities for improved clinical trial designs in acute respiratory distress syndrome** *LANCET RESPIRATORY MEDICINE*
Wick, K. D., Aggarwal, N. R., Curley, M. Q., Fowler, A. A., Jaber, S., Kostrubiec, M., Lassau, N., Laterre, P., Lebreton, G., Levitt, J. E., Mebazaa, A., Rubin, E., Sinha, et al
2022; 10 (9): 916-924
 - **I-SPY COVID adaptive platform trial for COVID-19 acute respiratory failure: rationale, design and operations.** *BMJ open*
Files, D. C., Matthay, M. A., Calfee, C. S., Aggarwal, N. R., Asare, A. L., Beitler, J. R., Berger, P. A., Burnham, E. L., Cimino, G., Coleman, M. H., Crippa, A., Discacciati, A., Gandotra, et al
2022; 12 (6): e060664
 - **Clinical trial design during and beyond the pandemic: the I-SPY COVID trial** *NATURE MEDICINE*
Calfee, C. S., Liu, K. D., Asare, A. L., Beitler, J. R., Berger, P. A., Coleman, M. H., Crippa, A., Discacciati, A., Eklund, M., Files, D. C., Gandotra, S., Gibbs, K. W., Henderson, et al
2022; 28 (1): 9-11
 - **Promises and challenges of personalized medicine to guide ARDS therapy** *CRITICAL CARE*
Wick, K. D., McAuley, D. F., Levitt, J. E., Beitler, J. R., Annane, D., Riviello, E. D., Calfee, C. S., Matthay, M. A.
2021; 25 (1): 404
 - **The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial.** *Contemporary clinical trials*
Bunning, B., Hedlin, H., Purington, N., Sundaram, V., Kapphahn, K., Weng, Y., Cunanan, K., Maldonado, Y., Singh, U., Khosla, C., O'Hara, R., Nicolls, M., Springman, et al
2021: 106509
 - **The ARREST Pneumonia (Arrest Respiratory Failure due to Pneumonia) Trial: Rationale and Design.** *Annals of the American Thoracic Society*
Levitt, J. E., Festic, E., Desai, M., Hedlin, H., Mahaffey, K. W., Rogers, A. J., Gajic, O., Matthay, M. A., ARREST Pneumonia Clinical Trial Investigators
2021
 - **Phenotypes and personalized medicine in the acute respiratory distress syndrome** *INTENSIVE CARE MEDICINE*
Matthay, M. A., Arabi, Y. M., Siegel, E. R., Ware, L. B., Bos, L. J., Sinha, P., Beitler, J. R., Wick, K. D., Curley, M. Q., Constantin, J., Levitt, J. E., Calfee, C. S.
2020: 2136-52
 - **Cytokine profile in plasma of severe COVID-19 does not differ from ARDS and sepsis.** *JCI insight*
Wilson, J. G., Simpson, L. J., Ferreira, A., Rustagi, A., Roque, J. A., Asuni, A., Ranganath, T., Grant, P. M., Subramanian, A. K., Rosenberg-Hasson, Y., Maecker, H., Holmes, S., Levitt, et al
2020
 - **Systemic and Inhaled Corticosteroids, with or without Beta Agonists, as Adjuvant Therapy in Community Acquired Pneumonia.** *Acta medica academica*
Helgeson, S. A., Levitt, J. E., Festic, E.
2020; 49 (1): 9-20
 - **Quantitative Assessment of Blood Lactate in Shock: Measure of Hypoxia or Beneficial Energy Source.** *BioMed research international*

Levitt, D. G., Levitt, J. E., Levitt, M. D.
2020; 2020: 2608318

- **Early High-Dose Vitamin D3 for Critically Ill, Vitamin D-Deficient Patients.** *The New England journal of medicine*
National Heart, L., Ginde, A. A., Brower, R. G., Caterino, J. M., Finck, L., Banner-Goodspeed, V. M., Grissom, C. K., Hayden, D., Hough, C. L., Hyzy, R. C., Khan, A., Levitt, J. E., Park, et al
2019
- **Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial** *LANCET RESPIRATORY MEDICINE*
Matthay, M. A., Calfee, C. S., Zhuo, H., Thompson, B., Wilson, J. G., Levitt, J. E., Rogers, A. J., Gotts, J. E., Wiener-Kronish, J. P., Bajwa, E. K., Donahoe, M. P., McVerry, B. J., Ortiz, et al
2019; 7 (2): 154–62
- **Relationship Between Laryngeal Sensation, Length of Intubation, and Aspiration in Patients with Acute Respiratory Failure.** *Dysphagia*
Borders, J. C., Fink, D., Levitt, J. E., McKeenan, J., McNally, E., Rubio, A., Scheel, R., Siner, J. M., Taborda, S. G., Vojnik, R., Warner, H., White, S. D., Langmore, et al
2019
- **Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial.** *The Lancet. Respiratory medicine*
Matthay, M. A., Calfee, C. S., Zhuo, H., Thompson, B. T., Wilson, J. G., Levitt, J. E., Rogers, A. J., Gotts, J. E., Wiener-Kronish, J. P., Bajwa, E. K., Donahoe, M. P., McVerry, B. J., Ortiz, et al
2018
- **Randomized Clinical Trial of a Combination of an Inhaled Corticosteroid and Beta Agonist in Patients at Risk of Developing the Acute Respiratory Distress Syndrome** *CRITICAL CARE MEDICINE*
Festic, E., Carr, G. E., Cartin-Ceba, R., Hinds, R. F., Banner-Goodspeed, V., Bansal, V., Asuni, A. T., Talmor, D., Rajagopalan, G., Frank, R. D., Gajic, O., Matthay, M. A., Levitt, et al
2017; 45 (5): 798-805
- **Proteomic study of acute respiratory distress syndrome: current knowledge and implications for drug development** *EXPERT REVIEW OF PROTEOMICS*
Levitt, J. E., Rogers, A. J.
2016; 13 (5): 457-469
- **Mesenchymal stem (stromal) cells for treatment of ARDS: a phase 1 clinical trial.** *The Lancet. Respiratory medicine*
Wilson, J. G., Liu, K. D., Zhuo, H., Caballero, L., McMillan, M., Fang, X., Cosgrove, K., Vojnik, R., Calfee, C. S., Lee, J., Rogers, A. J., Levitt, J., Wiener-Kronish, et al
2015; 3 (1): 24-32
- **Evolving Epidemiology and Definitions of the Acute Respiratory Distress Syndrome and Early Acute Lung Injury** *CLINICS IN CHEST MEDICINE*
Sweatt, A. J., Levitt, J. E.
2014; 35 (4): 609-?
- **Evolving epidemiology and definitions of the acute respiratory distress syndrome and early acute lung injury.** *Clinics in chest medicine*
Sweatt, A. J., Levitt, J. E.
2014; 35 (4): 609-624
- **Early acute lung injury: criteria for identifying lung injury prior to the need for positive pressure ventilation*.** *Critical care medicine*
Levitt, J. E., Calfee, C. S., Goldstein, B. A., Vojnik, R., Matthay, M. A.
2013; 41 (8): 1929-1937
- **Clinical review: Early treatment of acute lung injury - paradigm shift toward prevention and treatment prior to respiratory failure** *CRITICAL CARE*
Levitt, J. E., Matthay, M. A.
2012; 16 (3)
- **The utility of clinical predictors of acute lung injury: towards prevention and earlier recognition.** *Expert review of respiratory medicine*
Levitt, J. E., Matthay, M. A.

2010; 4 (6): 785-797

- **The pathogenetic and prognostic value of biologic markers in acute lung injury.** *Journal of intensive care medicine*
Levitt, J. E., Gould, M. K., Ware, L. B., Matthay, M. A.
2009; 24 (3): 151-167
- **Identification of Early Acute Lung Injury at Initial Evaluation in an Acute Care Setting Prior to the Onset of Respiratory Failure** *CHEST*
Levitt, J. E., Bedi, H., Calfee, C. S., Gould, M. K., Matthay, M. A.
2009; 135 (4): 936-943
- **The Circulating Renin-Angiotensin System and Mortality among Patients Hospitalized for COVID-19: A Mechanistic Substudy of the ACTIV-4 Host Tissue Trials.** *American journal of physiology. Lung cellular and molecular physiology*
Schaich, C. L., Chappell, M. C., Shotwell, M. S., Joly, M. M., Gibbs, K. W., Barksdale, A., Douglas, I. S., Chen, P., Levitt, J. E., Puskarich, M. A., Rice, T. W., Harkins, M. S., Hudock, et al
2025
- **Association between emergency department disposition and mortality in patients with COVID-19 acute respiratory distress syndrome.** *Journal of the American College of Emergency Physicians open*
Lebold, K. M., Moore, A. R., Sanchez, P. A., Pacheco-Navarro, A. E., O'Donnell, C., Roque, J., Parmer, C., Pienkos, S., Levitt, J., Collins, W. J., Rogers, A. J., Wilson, J. G.
2024; 5 (3): e13192
- **Elevated Plasma Interleukin-18 Identifies High-Risk Acute Respiratory Distress Syndrome Patients not Distinguished by Prior Latent Class Analyses Using Traditional Inflammatory Cytokines: A Retrospective Analysis of Two Randomized Clinical Trials.** *Critical care medicine*
Moore, A. R., Pienkos, S. M., Sinha, P., Guan, J., O'Kane, C. M., Levitt, J. E., Wilson, J. G., Shankar-Hari, M., Matthay, M. A., Calfee, C. S., Baron, R. M., McAuley, D. F., Rogers, et al
2023
- **Right Ventricular Dysfunction Patterns Among Patients with COVID-19 in the Intensive Care Unit - a Retrospective Cohort Analysis.** *Annals of the American Thoracic Society*
Sanchez, P. A., O'Donnell, C. T., Francisco, N., Santana, E. J., Moore, A. R., Pacheco-Navarro, A., Roque, J., Lebold, K. M., Parmer, C. M., Pienkos, S. M., Celestin, B. E., Levitt, J. E., Collins, et al
2023
- **Intravenous aviptadil and remdesivir for treatment of COVID-19-associated hypoxaemic respiratory failure in the USA (TESICO): a randomised, placebo-controlled trial.** *The Lancet. Respiratory medicine*
Brown, S. M., Barkauskas, C. E., Grund, B., Sharma, S., Phillips, A. N., Leither, L., Peltan, I. D., Lanspa, M., Gilstrap, D. L., Mourad, A., Lane, K., Beitler, J. R., Serra, et al
2023
- **Effect of total cholesterol and statin therapy on mortality in ARDS patients: a secondary analysis of the SAILS and HARP-2 trials.** *Critical care (London, England)*
Pienkos, S. M., Moore, A. R., Guan, J., Levitt, J. E., Matthay, M. A., Baron, R. M., Conlon, J., McAuley, D. F., O'Kane, C. M., Rogers, A. J.
2023; 27 (1): 126
- **Autoantibodies are highly prevalent in non-SARS-CoV-2 respiratory infections and critical illness.** *JCI insight*
Feng, A., Yang, E. Y., Moore, A. R., Dhingra, S., Chang, S. E., Yin, X., Pi, R., Mack, E. K., Völkel, S., Geßner, R., Gündisch, M., Neubauer, A., Renz, et al
2023; 8 (3)
- **Effectiveness of Monovalent mRNA Vaccines Against COVID-19-Associated Hospitalization Among Immunocompetent Adults During BA.1/BA.2 and BA.4/BA.5 Predominant Periods of SARS-CoV-2 Omicron Variant in the United States - IVY Network, 18 States, December 26, 2021-August 31, 2022.** *MMWR. Morbidity and mortality weekly report*
Surie, D., Bonnell, L., Adams, K., Gaglani, M., Ginde, A. A., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, A., McNeal, T., Ghamande, S., Gibbs, et al
2022; 71 (42): 1327-1334
- **Vaccine effectiveness of primary series and booster doses against covid-19 associated hospital admissions in the United States: living test negative design study.** *BMJ (Clinical research ed.)*
Adams, K., Rhoads, J. P., Surie, D., Gaglani, M., Ginde, A. A., McNeal, T., Talbot, H. K., Casey, J. D., Zepeski, A., Shapiro, N. I., Gibbs, K. W., Files, D. C., Hager, et al
2022; 379: e072065

- **Effectiveness of a Third Dose of Pfizer-BioNTech and Moderna Vaccines in Preventing COVID-19 Hospitalization Among Immunocompetent and Immunocompromised Adults - United States, August-December 2021** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Tenforde, M. W., Patel, M. M., Gaglani, M., Ginde, A. A., Douin, D. J., Talbot, H., Casey, J. D., Mohr, N. M., Zepeski, A., McNeal, T., Ghamande, S., Gibbs, K. W., Files, et al
2022; 71 (4): 118-124
- **Autoantibodies targeting cytokines and connective tissue disease autoantigens are common in acute non-SARS-CoV-2 infections.** *Research square*
Feng, A., Yang, E., Moore, A., Dhingra, S., Chang, S., Yin, X., Pi, R., Mack, E., Völkel, S., Geßner, R., Gundisch, M., Neubauer, A., Renz, et al
2022
- **Effectiveness of mRNA vaccines in preventing COVID-19 hospitalization by age and burden of chronic medical conditions among immunocompetent US adults, March-August 2021.** *The Journal of infectious diseases*
Lewis, N. M., Naioti, E. A., Self, W. H., Ginde, A. A., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, A., Gaglani, M., Ghamande, S. A., McNeal, T. A., Shapiro, et al
1800
- **Comparative Effectiveness of Moderna, Pfizer-BioNTech, and Janssen (Johnson & Johnson) Vaccines in Preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions - United States, March-August 2021** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Self, W. H., Tenforde, M. W., Rhoads, J. P., Gaglani, M., Ginde, A. A., Douin, D. J., Olson, S. M., Talbot, K., Casey, J. D., Mohr, N. M., Zepeski, A., McNeal, T., Ghamande, et al
2021; 70 (38): 1337-1343
- **Sustained Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Associated Hospitalizations Among Adults - United States, March-July 2021** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Tenforde, M. W., Self, W. H., Naioti, E. A., Ginde, A. A., Douin, D. J., Olson, S. M., Talbot, H., Casey, J. D., Mohr, N. M., Zepeski, A., Gaglani, M., McNeal, T., Ghamande, et al
2021; 70 (34): 1156-1162
- **Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19.** *The New England journal of medicine*
REMAP-CAP Investigators, ACTIV-4a Investigators, ATTACC Investigators, Goligher, E. C., Bradbury, C. A., McVerry, B. J., Lawler, P. R., Berger, J. S., Gong, M. N., Carrier, M., Reynolds, H. R., Kumar, A., Turgeon, A. F., Kornblith, L. Z., et al
2021
- **Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19.** *The New England journal of medicine*
ATTACC Investigators, ACTIV-4a Investigators, REMAP-CAP Investigators, Lawler, P. R., Goligher, E. C., Berger, J. S., Neal, M. D., McVerry, B. J., Nicolau, J. C., Gong, M. N., Carrier, M., Rosenson, R. S., Reynolds, H. R., Turgeon, A. F., et al
2021
- **Prospective validation of an 11-gene mRNA host response score for mortality risk stratification in the intensive care unit.** *Scientific reports*
Moore, A. R., Roque, J., Shaller, B. T., Asuni, T., Rimmel, M., Rawling, D., Liesenfeld, O., Khatri, P., Wilson, J. G., Levitt, J. E., Sweeney, T. E., Rogers, A. J.
2021; 11 (1): 13062
- **Correction to: Abnormalities of Aspiration and Swallowing Function in Survivors of Acute Respiratory Failure.** *Dysphagia*
Langmore, S. E., Krisciunas, G. P., Warner, H. n., White, S. D., Dvorkin, D. n., Fink, D. n., McNally, E. n., Scheel, R. n., Higgins, C. n., Levitt, J. E., McKeehan, J. n., Deane, S. n., Siner, et al
2021
- **Development of an accurate bedside swallowing evaluation decision tree algorithm for detecting aspiration in acute respiratory failure survivors.** *Chest*
Moss, M. n., White, S. D., Warner, H. n., Dvorkin, D. n., Fink, D. n., Gomez-Taborda, S. n., Higgins, C. n., Krisciunas, G. P., Levitt, J. E., McKeehan, J. n., McNally, E. n., Rubio, A. n., Scheel, et al
2020
- **Abnormalities of Aspiration and Swallowing Function in Survivors of Acute Respiratory Failure.** *Dysphagia*
Langmore, S. E., Krisciunas, G. P., Warner, H. n., White, S. D., Dvorkin, D. n., Fink, D. n., McNally, E. n., Scheel, R. n., Higgins, C. n., Levitt, J. E., McKeehan, J. n., Deane, S. n., Siner, et al
2020

- **Characteristics and Outcomes of Individuals With Pre-existing Kidney Disease and COVID-19 Admitted to Intensive Care Units in the United States.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Flythe, J. E., Assimon, M. M., Tugman, M. J., Chang, E. H., Gupta, S. n., Shah, J. n., Sosa, M. A., DeMauro Renaghan, A. n., Melamed, M. L., Wilson, F. P., Neyra, J. A., Rashidi, A. n., Boyle, et al
2020
- **The Association Between Endotracheal Tube Size and Aspiration (During Flexible Endoscopic Evaluation of Swallowing) in Acute Respiratory Failure Survivors.** *Critical care medicine*
Krisciunas, G. P., Langmore, S. E., Gomez-Taborda, S. n., Fink, D. n., Levitt, J. E., McKeenan, J. n., McNally, E. n., Scheel, R. n., Rubio, A. C., Siner, J. M., Vojnik, R. n., Warner, H. n., White, et al
2020
- **Relationship Between Laryngeal Sensation, Length of Intubation, and Aspiration in Patients with Acute Respiratory Failure** *DYSPHAGIA*
Borders, J. C., Fink, D., Levitt, J. E., McKeenan, J., McNally, E., Rubio, A., Scheel, R., Siner, J. M., Taborda, S., Vojnik, R., Warner, H., White, S., Langmore, et al
2019; 34 (4): 521–28
- **Effect of Titrating Positive End-Expiratory Pressure (PEEP) With an Esophageal Pressure-Guided Strategy vs an Empirical High PEEP-FIO₂ Strategy on Death and Days Free From Mechanical Ventilation Among Patients With Acute Respiratory Distress Syndrome A Randomized Clinical Trial**
Beitler, J. R., Sarge, T., Banner-Goodspeed, V. M., Gong, M. N., Cook, D., Novack, V., Loring, S. H., Talmor, D., Loring, S., Banner-Goodspeed, V., Fish, E., Jinadasa, S., Ritz, et al
AMER MEDICAL ASSOC.2019: 846–57
- **Effect of Rosuvastatin on Acute Kidney Injury in Sepsis-Associated Acute Respiratory Distress Syndrome.** *Canadian journal of kidney health and disease*
Hsu, R. K., Truwit, J. D., Matthay, M. A., Levitt, J. E., Thompson, B. T., Liu, K. D.
2018; 5: 2054358118789158
- **Increased Resource Use in Lung Transplant Admissions in the Lung Allocation Score Era** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Maxwell, B. G., Mooney, J. J., Lee, P. H., Levitt, J. E., Chhatwani, L., Nicolls, M. R., Zamora, M. R., Valentine, V., Weill, D., Dhillon, G. S.
2015; 191 (3): 302-308
- **Design and implementation of the START (STem cells for ARDS Treatment) trial, a phase 1/2 trial of human mesenchymal stem/stromal cells for the treatment of moderate-severe acute respiratory distress syndrome** *ANNALS OF INTENSIVE CARE*
Liu, K. D., Wilson, J. G., Zhuo, H., Caballero, L., McMillan, M. L., Fang, X., Cosgrove, K., Calfee, C. S., Lee, J., Kangelaris, K. N., Gotts, J. E., Rogers, A. J., Levitt, et al
2014; 4
- **Designing a better "nest": applicable to preventing hospital exposures to risk factors for acute respiratory distress syndrome or just retrospective study design?** *Critical care medicine*
Levitt, J.
2014; 42 (1): 197-198
- **Design and implementation of the START (STem cells for ARDS Treatment) trial, a phase 1/2 trial of human mesenchymal stem/stromal cells for the treatment of moderate-severe acute respiratory distress syndrome.** *Annals of intensive care*
Liu, K. D., Wilson, J. G., Zhuo, H., Caballero, L., McMillan, M. L., Fang, X., Cosgrove, K., Calfee, C. S., Lee, J., Kangelaris, K. N., Gotts, J. E., Rogers, A. J., Levitt, et al
2014; 4: 22-?
- **Prehospital use of inhaled steroids and incidence of acute lung injury among patients at risk** *JOURNAL OF CRITICAL CARE*
Festic, E., Ortiz-Diaz, E., Lee, A., Li, G., Kor, D. J., Adebola, A., Akca, O., Hoth, J., Levitt, J. E., Carter, R., Gajic, O.
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