

Stanford



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Clinical Associate Professor, Emergency Medicine

CLINICAL OFFICES

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Bio

CLINICAL FOCUS

- Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine

PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2015)
- Fellowship: University of California - San Francisco (2014) CA
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2013)
- Residency: University of California - San Francisco (2012) CA
- Medical Education: University of California - San Francisco (2008) CA
- MS, University of California-Berkeley, School of Public Health, Health & Medical Sciences (2006)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Emergency critical care & resuscitation, ARDS, sepsis

CLINICAL TRIALS

- ACTIV-3: Therapeutics for Inpatients With COVID-19, Recruiting
- Anti-thrombotics for Adults Hospitalized With COVID-19 (ACTIV-4), Recruiting

- ARrest RESpiraTory Failure From PNEUMONIA, Recruiting
- Crystalloid Liberal or Vasopressors Early Resuscitation in Sepsis, Recruiting

PROJECTS

- Emergency Critical Care Intervention Study - Stanford University
- Stanford ICU Biobank

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Effectiveness of SARS-CoV-2 mRNA Vaccines for Preventing Covid-19 Hospitalizations in the United States.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Tenforde, M. W., Patel, M. M., Ginde, A. A., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, A., Gaglani, M., McNeal, T., Ghamande, S., Shapiro, N. I., Gibbs, et al
2021
- **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
- **Symptoms and recovery among adult outpatients with and without COVID-19 at 11 healthcare facilities-July 2020, United States.** *Influenza and other respiratory viruses*
Fisher, K. A., Olson, S. M., Tenforde, M. W., Self, W. H., Wu, M., Lindsell, C. J., Shapiro, N. I., Files, D. C., Gibbs, K. W., Erickson, H. L., Prekker, M. E., Steingrub, J. S., Exline, et al
2021
- **ICU Bed Utilization During the Coronavirus Disease 2019 Pandemic in a Multistate Analysis-March to June 2020.** *Critical care explorations*
Douin, D. J., Ward, M. J., Lindsell, C. J., Howell, M. P., Hough, C. L., Exline, M. C., Gong, M. N., Aboodi, M. S., Tenforde, M. W., Feldstein, L. R., Stubblefield, W. B., Steingrub, J. S., Prekker, et al
2021; 3 (3): e0361
- **Point-of-Care Lung Ultrasound Pattern in Healthy Parturients: Prevalence of Pulmonary Interstitial Syndrome Following Vaginal Delivery, Elective and Unplanned Intrapartum Cesarean Delivery.** *Anesthesia and analgesia*
Macias, P. n., Wilson, J. G., Austin, N. S., Guo, N. n., Carvalho, B. n., Ortner, C. M.
2021
- **COVID-19 ARDS is characterized by a dysregulated host response that differs from cytokine storm and is modified by dexamethasone.** *Research square*
Sarma, A. n., Christenson, S. n., Mick, E. n., Deiss, T. n., DeVoe, C. n., Pisco, A. n., Ghale, R. n., Jauregui, A. n., Byrne, A. n., Moazed, F. n., Spottiswoode, N. n., Sinha, P. n., Zha, et al
2021
- **Effect of emergency critical care nurses and emergency department boarding time on in-hospital mortality in critically ill patients.** *The American journal of emergency medicine*
Nesbitt, J., Mitarai, T., Chan, G. K., Wilson, J. G., Niknam, K., Nudelman, M. J., Cinkowski, C., Kohn, M. A.
2020; 41: 120–24

- **Community and Close Contact Exposures Associated with COVID-19 Among Symptomatic Adults \geq 18 Years in 11 Outpatient Health Care Facilities - United States, July 2020** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Fisher, K. A., Tenforde, M. W., Feldstein, L. R., Lindsell, C. J., Shapiro, N., Files, D., Gibbs, K. W., Erickson, H. L., Prekker, M. E., Steingrub, J. S., Exline, M. C., Henning, D. J., Wilson, et al
2020; 69 (36): 1258–64
- **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
- **Characteristics of Adult Outpatients and Inpatients with COVID-19-11 Academic Medical Centers, United States, March-May 2020** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
Tenforde, M. W., Rose, E., Lindsell, C. J., Shapiro, N., Files, D., Gibbs, K. W., Prekker, M. E., Steingrub, J. S., Smithline, H. A., Gong, M. N., Aboodi, M. S., Exline, M. C., Henning, et al
2020; 69 (26): 841–46
- **ARDS Subphenotypes: Understanding a Heterogeneous Syndrome.** *Critical care (London, England)*
Wilson, J. G., Calfee, C. S.
2020; 24 (1): 102
- **eccSOFA: SOFA illness severity score adapted to predict in-hospital mortality in emergency critical care patients.** *The American journal of emergency medicine*
Niknam, K. n., Nesbitt, J. n., Mitarai, T. n., Nudelman, M. J., Gordon, A. J., Wilson, J. G., Kohn, M. A.
2020; 41: 145–51
- **Telework Before Illness Onset Among Symptomatic Adults Aged \geq 18 Years With and Without COVID-19 in 11 Outpatient Health Care Facilities - United States, July 2020.** *MMWR. Morbidity and mortality weekly report*
Fisher, K. A., Olson, S. M., Tenforde, M. W., Feldstein, L. R., Lindsell, C. J., Shapiro, N. I., Files, D. C., Gibbs, K. W., Erickson, H. L., Prekker, M. E., Steingrub, J. S., Exline, M. C., Henning, et al
2020; 69 (44): 1648–53
- **Symptom Duration and Risk Factors for Delayed Return to Usual Health Among Outpatients with COVID-19 in a Multistate Health Care Systems Network - United States, March-June 2020.** *MMWR. Morbidity and mortality weekly report*
Tenforde, M. W., Kim, S. S., Lindsell, C. J., Billig Rose, E. n., Shapiro, N. I., Files, D. C., Gibbs, K. W., Erickson, H. L., Steingrub, J. S., Smithline, H. A., Gong, M. N., Aboodi, M. S., Exline, et al
2020; 69 (30): 993–98
- **Retrospective Analysis of Peri-Intubation Hypoxemia During the Coronavirus Disease 2019 Epidemic Using a Protocol for Modified Airway Management.** *A&A practice*
Madhok, J. n., Vogelsong, M. A., Lee, T. C., Wilson, J. G., Mihm, F. n.
2020; 14 (14): e01360
- **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
- **End-of-Life Care, Palliative Care Consultation, and Palliative Care Referral in the Emergency Department: A Systematic Review.** *Journal of pain and symptom management*
Wilson, J. G., English, D. P., Owyang, C. G., Chimelski, E. A., Grudzen, C. R., Wong, H., Aslakson, R. A.
2019
- **Mechanical Ventilation in Hypoxemic Respiratory Failure.** *Emergency medicine clinics of North America*
Kapil, S., Wilson, J. G.
2019; 37 (3): 431–44
- **Metagenomic comparison of tracheal aspirate and mini-bronchial alveolar lavage for assessment of respiratory microbiota** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
Kalantar, K. L., Moazed, F., Christenson, S. C., Wilson, J., Deiss, T., Belzer, A., Vessel, K., Caldera, S., Jauregui, A., Bolourchi, S., DeRisi, J. L., Calfee, C. S., Langelier, et al

2019; 316 (3): L578–L584

- **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
- **Integrating host response and unbiased microbe detection for lower respiratory tract infection diagnosis in critically ill adults** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Langelier, C., Kalantar, K. L., Moazed, F., Wilson, M. R., Crawford, E. D., Deiss, T., Belzer, A., Bolourchi, S., Caldera, S., Fung, M., Jauregui, A., Malcolm, K., Lyden, et al
2018; 115 (52): E12353–E12362
- **Critical Care Ultrasound: A Review for Practicing Nephrologists** *ADVANCES IN CHRONIC KIDNEY DISEASE*
Wilson, J. G., Breyer, K. E.
2016; 23 (3): 141-145
- **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
- **Biomarkers in acute respiratory distress syndrome: from pathobiology to improving patient care** *EXPERT REVIEW OF RESPIRATORY MEDICINE*
Walter, J. M., Wilson, J., Ware, L. B.
2014; 8 (5): 573-586
- **Human mesenchymal stem cells reduce the severity of acute lung injury in a sheep model of bacterial pneumonia** *THORAX*
Asmussen, S., Ito, H., Traber, D. L., Lee, J. W., Cox, R. A., Hawkins, H. K., McAuley, D. F., McKenna, D. H., Traber, L. D., Zhuo, H., Wilson, J., Herndon, D. N., Prough, et al
2014; 69 (9): 819-825
- **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
- **OBLIQUE-AXIS VS. SHORT-AXIS VIEW IN ULTRASOUND-GUIDED CENTRAL VENOUS CATHETERIZATION** *JOURNAL OF EMERGENCY MEDICINE*
Wilson, J. G., Berona, K. M., Stein, J. C., Wang, R.
2014; 47 (1): 45-50
- **Impaired Visual Fixation at the Age of 2 Years in Children Born Before the Twenty-Eighth Week of Gestation. Antecedents and Correlates in the Multi Center ELGAN Study** *PEDIATRIC NEUROLOGY*
Phadke, A., Msall, M. E., Droste, P., Allred, E. N., O'Shea, T. M., Kuban, K., Dammann, O., Leviton, A.
2014; 51 (1): 36-42
- **Evolving practices in critical care and their influence on acute kidney injury** *CURRENT OPINION IN CRITICAL CARE*
Wilson, J. G., Butcher, B. W., Liu, K. D.
2013; 19 (6): 523-530
- **Cardiac tamponade.** *The western journal of emergency medicine*
Wilson, J. G., Epstein, S. M., Wang, R., Kanzaria, H. K.
2013; 14 (2): 152-?