

# Stanford

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## Jennifer Wilson MD, MS

Clinical Assistant Professor, Emergency Medicine

### CLINICAL OFFICES

- **Emergency Department**

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### Bio

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### CLINICAL FOCUS

- Critical Care Medicine

### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

### PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Emergency 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

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Emergency critical care & resuscitation, ARDS, sepsis

### CLINICAL TRIALS

- Crystalloid Liberal or Vasopressors Early Resuscitation in Sepsis, Recruiting
- Outcomes Related to COVID-19 Treated With Hydroxychloroquine Among In-patients With Symptomatic Disease, Recruiting
- Human Mesenchymal Stem Cells For Acute Respiratory Distress Syndrome, Not Recruiting
- Human Mesenchymal Stromal Cells For Acute Respiratory Distress Syndrome (START), Not Recruiting
- Vitamin C, Thiamine, and Steroids in Sepsis, Not Recruiting
- Vitamin D to Improve Outcomes by Leveraging Early Treatment, Not Recruiting

## PROJECTS

- Emergency Critical Care Intervention Study - Stanford University

## Teaching

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## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Critical Care Medicine (Fellowship Program)

## Publications

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## PUBLICATIONS

- **ARDS Subphenotypes: Understanding a Heterogeneous Syndrome.** *Critical care (London, England)*  
Wilson, J. G., Calfee, C. S.  
2020; 24 (1): 102
- **Palliative Care in the Emergency Department: An Updated Systematic Review**  
Wilson, J., English, D., Owyang, C., Chimelski, E., Wong, H., Aslakson, R.  
ELSEVIER SCIENCE INC.2020: 543
- **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
- **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
- **A 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
- **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
- **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-?
- **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-?