

# Stanford

---



## Alexandra Gordon

Clinical Associate Professor, Emergency Medicine

### CLINICAL OFFICE (PRIMARY)

- **Stanford Emergency Department**  
500 Pasteur Dr  
Palo Alto, CA 94304  
Tel (650) 723-6576 Fax (650) 723-0121

### Bio

---

#### CLINICAL FOCUS

- Critical Care
- Critical Care Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine

#### PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2021)
- Fellowship: Stanford University Critical Care Medicine Fellowship (2020) CA
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2019)
- Residency: Stanford University Emergency Medicine Residency (2018) CA
- Medical Education: University of Illinois College of Medicine Office of the Registrar (2015) IL

### Publications

---

#### PUBLICATIONS

- **Estimated Effectiveness of 2024-2025 COVID-19 Vaccination Against Severe COVID-19.** *JAMA network open*  
Ma, K. C., Webber, A., Luring, A. S., Bendall, E., Papalambros, L. K., Safdar, B., Ginde, A. A., Peltan, I. D., Brown, S. M., Gaglani, M., Ghamande, S., Columbus, C., Mohr, et al  
2026; 9 (2): e2557415
- **Early Warning Score Performance at Time of Admission in the Prediction of Future Organ Support Needs.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*  
Chiacchia, S. R., Levin, N. M., Mishra, A., Deng, Y., Gordon, A. J., Htet, N., Hedlin, H., Wilson, J. G.  
2025
- **Part 11: Post-Cardiac Arrest Care: 2025 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care** *CIRCULATION*

- Hirsch, K. G., Amorim, E., Coppler, P. J., Drennan, I. R., Elliott, A., Gordon, A., Jentzer, J. C., Johnson, N. J., Moskowitz, A., Mumma, B. E., Presciutti, A. M., Rodriguez, A. J., Yen, et al  
2025; 152 (16): S673-S718
- **Stewardship of Intravenous Fluids During Shortage and Beyond.** *The Journal of emergency medicine*  
Moore, A. R., Gordon, A. J., Marvel, J. T., Maddali, M. V., Chen, J. H., Urdaneta, A., Wilson, J. G.  
2025; 80: 194-198
  - **RSV Vaccine Effectiveness Against Hospitalization Among US Adults Aged 60 Years or Older During 2 Seasons.** *JAMA*  
Surie, D., Self, W. H., Yuengling, K. A., Luring, A. S., Zhu, Y., Safdar, B., Ginde, A. A., Simon, S. J., Peltan, I. D., Brown, S. M., Gaglani, M., Ghamande, S., Columbus, et al  
2025
  - **Multimorbidity Profiles and Severe In-Hospital Outcomes in Adults with Respiratory Syncytial Virus.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Ma, K. C., Surie, D., Zhu, Y., Grijalva, C. G., Blair, P. W., Safdar, B., Ginde, A. A., Peltan, I. D., Brown, S. M., Gaglani, M., Ghamande, S., Columbus, C., Mohr, et al  
2025
  - **Interim Estimates of 2024-2025 COVID-19 Vaccine Effectiveness Among Adults Aged ≥18 Years - VISION and IVY Networks, September 2024-January 2025** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*  
Link-Gelles, R., Chickery, S., Webber, A., Ong, T. C., Rowley, E. A. K., Desilva, M. B., Dascomb, K., Irving, S. A., Klein, N. P., Grannis, S. J., Barron, M. A., Reese, S. E., Mcevoy, et al  
2025; 74 (6): 73-82
  - **Benefit of early oseltamivir therapy for adults hospitalized with influenza A: an observational study.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Lewis, N. M., Harker, E. J., Grant, L. B., Zhu, Y., Grijalva, C. G., Chappell, J. D., Rhoads, J. P., Baughman, A., Casey, J. D., Blair, P. W., Jones, I. D., Johnson, C. A., Luring, et al  
2024
  - **Effectiveness of the original monovalent mRNA COVID-19 vaccination series against hospitalization for COVID-19-associated venous thromboembolism.** *The Journal of infectious diseases*  
Hager, D. N., Zhu, Y., Sohn, I., Stubblefield, W. B., Streiff, M. B., Gaglani, M., Steingrub, J. S., Duggal, A., Felzer, J. R., O'Rourke, M., Peltan, I. D., Mohamed, A., Stiller, et al  
2024
  - **COMMON ICU DIAGNOSES ASSOCIATED WITH EARLY ED DOWNGRADE BY A NOVEL EMERGENCY CRITICAL CARE PROGRAM**  
Gupta, P., Levin, N., Gordon, A., Wilson, J., Mitarai, T.  
LIPPINCOTT WILLIAMS & WILKINS.2024
  - **COMMON ICU DIAGNOSES ASSOCIATED WITH EARLY ED DOWNGRADE BY A NOVEL EMERGENCY CRITICAL CARE PROGRAM**  
Gupta, P., Levin, N., Gordon, A., Wilson, J., Mitarai, T.  
LIPPINCOTT WILLIAMS & WILKINS.2024: S155
  - **Vaccine Effectiveness Against Influenza A-Associated Hospitalization, Organ Failure, and Death: United States, 2022-2023.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Lewis, N. M., Zhu, Y., Peltan, I. D., Gaglani, M., McNeal, T., Ghamande, S., Steingrub, J. S., Shapiro, N. I., Duggal, A., Bender, W. S., Taghizadeh, L., Brown, S. M., Hager, et al  
2023
  - **Further advancing emergency department triage prediction.** *Resuscitation*  
Levin, N. M., Gordon, A. J., Htet, N., Wilson, J. G.  
2023; 191: 109930
  - **Changing Severity and Epidemiology of Adults Hospitalized With Coronavirus Disease 2019 (COVID-19) in the United States After Introduction of COVID-19 Vaccines, March 2021-August 2022.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Kojima, N., Adams, K., Self, W. H., Gaglani, M., McNeal, T., Ghamande, S., Steingrub, J. S., Shapiro, N. I., Duggal, A., Busse, L. W., Prekker, M. E., Peltan, I. D., Brown, et al  
2023

- **Association of an Emergency Critical Care Program With Survival and Early Downgrade Among Critically Ill Medical Patients in the Emergency Department.** *Critical care medicine*  
Mitarai, T., Gordon, A. J., Nudelman, M. J., Urdaneta, A. E., Nesbitt, J. L., Niknam, K., Graber-Naidich, A., Wilson, J. G., Kohn, M. A.  
2023
- **ASSOCIATION BETWEEN AN EMERGENCY CRITICAL CARE PROGRAM AND DKA CRITICAL CARE UTILIZATION IN THE ED**  
Gupta, P., Gordon, A., Mitarai, T., Nudelman, M., Kohn, M., Wilson, J.  
LIPPINCOTT WILLIAMS & WILKINS.2023: 129
- **ASSOCIATION BETWEEN AN EMERGENCY CRITICAL CARE PROGRAM AND DKA CRITICAL CARE UTILIZATION IN THE ED**  
Gupta, P., Gordon, A., Mitarai, T., Nudelman, M., Kohn, M., Wilson, J.  
LIPPINCOTT WILLIAMS & WILKINS.2023: 129
- **Absolute and Relative Vaccine Effectiveness of Primary and Booster Series of COVID-19 Vaccines (mRNA and Adenovirus Vector) Against COVID-19 Hospitalizations in the United States, December 2021-April 2022.** *Open forum infectious diseases*  
Lewis, N. M., Murray, N., Adams, K., Surie, D., Gaglani, M., Ginde, A. A., McNeal, T., Ghamande, S., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, et al  
2023; 10 (1): ofac698
- **Comparison of test-negative and syndrome-negative controls in SARS-CoV-2 vaccine effectiveness evaluations for preventing COVID-19 hospitalizations in the United States.** *Vaccine*  
Turbyfill, C., Adams, K., Tenforde, M. W., Murray, N. L., Gaglani, M., Ginde, A. A., McNeal, T., Ghamande, S., Douin, D. J., Keipp Talbot, H., Casey, J. D., Mohr, N. M., Zepeski, et al  
2022; 40 (48): 6979-6986
- **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 the Ad26.COV2.S (Johnson & Johnson) COVID-19 Vaccine for Preventing COVID-19 Hospitalizations and Progression to High Disease Severity in the United States.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Lewis, N. M., Self, W. H., Gaglani, M., Ginde, A. A., Douin, D. J., Keipp Talbot, H., Casey, J. D., Mohr, N. M., Zepeski, A., Ghamande, S. A., McNeal, T. A., Shapiro, N. I., Gibbs, et al  
2022
- **External validation of the 4C Mortality Score for hospitalised patients with COVID-19 in the RECOVER network.** *BMJ open*  
Gordon, A. J., Govindarajan, P., Bennett, C. L., Matheson, L., Kohn, M. A., Camargo, C., Kline, J.  
2022; 12 (4): e054700
- **Selection bias in estimating the relationship between prolonged ED boarding and mortality in emergency critical care patients.** *Journal of the American College of Emergency Physicians open*  
Gardner, K., Gordon, A. J., Shannon, B., Nesbitt, J., Wilson, J. G., Mitarai, T., Kohn, M. A.  
2022; 3 (1): e12667
- **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
- **Clinical severity of, and effectiveness of mRNA vaccines against, covid-19 from omicron, delta, and alpha SARS-CoV-2 variants in the United States: prospective observational study.** *BMJ (Clinical research ed.)*

- Lauring, A. S., Tenforde, M. W., Chappell, J. D., Gaglani, M., Ginde, A. A., McNeal, T., Ghamande, S., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, A., Shapiro, et al  
2022; 376: e069761
- **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
  - **Natural language processing of head CT reports to identify intracranial mass effect: CTIME algorithm.** *The American journal of emergency medicine*  
Gordon, A. J., Banerjee, I., Block, J., Winstead-Derlega, C., Wilson, J. G., Mitarai, T., Jarrett, M., Sanyal, J., Rubin, D. L., Wintermark, M., Kohn, M. A.  
2021; 51: 388-392
  - **Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity.** *JAMA*  
Tenforde, M. W., Self, W. H., Adams, K., Gaglani, M., Ginde, A. A., McNeal, T., Ghamande, S., Douin, D. J., Talbot, H. K., Casey, J. D., Mohr, N. M., Zepeski, A., Shapiro, et al  
2021
  - **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
  - **Point-of-Care Ultrasound Predicts Clinical Outcomes in Patients With COVID-19.** *Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine*  
Kumar, A., Weng, I., Graglia, S., Lew, T., Gandhi, K., Lalani, F., Chia, D., Duanmu, Y., Jensen, T., Lobo, V., Nahn, J., Iverson, N., Rosenthal, et al  
2021
  - **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
  - **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
  - **Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Among Hospitalized Adults Aged  $\geq$  65 Years - United States, January-March 2021** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*  
Tenforde, M. W., Olson, S. M., Self, W. H., Talbot, H., Lindsell, C. J., Steingrub, J. S., Shapiro, N., Ginde, A. A., Douin, D. J., Prekker, M. E., Brown, S. M., Peltan, I. D., Gong, et al  
2021; 70 (18): 674-79
  - **Effectiveness of SARS-CoV-2 mRNA Vaccines for Preventing Covid-19 Hospitalizations in the United States.** *medRxiv : the preprint server for health sciences*  
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
  - **Owning the Trauma Bay: Teaching Trauma Resuscitation to Emergency Medicine Residents and Nurses through In-situ Simulation.** *Journal of education & teaching in emergency medicine*  
Bellino, A., Gordon, A. J., Alvarez, A., Schertzer, K.  
2020; 5 (4): S108-S148

- **Critical Care Education Day: A Novel, Multidisciplinary, and Interactive Critical Care Education Session for Emergency Medicine Residents** *CUREUS*  
Htet, N. N., Gordon, A., Mitarai, T.  
2020; 12 (1)
- **Critical Care Education Day: A Novel, Multidisciplinary, and Interactive Critical Care Education Session for Emergency Medicine Residents.** *Cureus*  
Htet, N. N., Gordon, A. J., Mitarai, T.  
2020; 12 (1): e6785
- **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
- **The Birth of a Return to work Policy for New Resident Parents in Emergency Medicine** *ACADEMIC EMERGENCY MEDICINE*  
Gordon, A., Sebok-Syer, S. S., Dohn, A. M., Smith-Coggins, R., Wang, N., Williams, S. R., Gisondi, M. A.  
2019; 26 (3): 317–26
- **The Birth of a Return to Work Policy for New Resident Parents in Emergency Medicine.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*  
Gordon, A. J., Sebok-Syer, S., Dohn, A. M., Smith-Coggins, R., Wang, N. E., Williams, S. R., Gisondi, M. A.  
2019