



## Rishi Parikh

Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2022

### Publications

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#### PUBLICATIONS

- **IgAN and Risks of Kidney and Cardiovascular Events and Death.** *Kidney international reports*  
Go, A. S., Tan, T. C., Mahapatra, A., Parikh, R. V.  
2026; 11 (6): 106501
- **Clinical risk prediction models for worsening heart failure events and all-cause mortality in adults with mild-to-moderate chronic kidney disease.** *ESC heart failure*  
Patel, S., Sun, K., Go, A. S., Girouard, M. P., Liu, J. Y., Parikh, R. V., Tan, T. C., Lee, E. S., Halaseh, R., Bhatt, A. S., Pravoverov, L., Zheng, S., Svetlichnaya, et al  
2026; 13 (1)
- **Clinical Characteristics, Early GDMT Initiation, and Likelihood of Heart Failure with Improved Ejection Fraction.** *Journal of cardiac failure*  
Min, K. H., Go, A. S., Parikh, R. V., Ambrosy, A. P., Tan, T. C., Adaty, S., Lee, K., Sandhu, A. T., Svetlichnaya, J., Vaduganathan, M., Solomon, S. D., Ouyang, D., Ku, et al  
2025
- **Predicting Heart Failure with Improved Ejection Fraction Using Electronic Health Record-Based Models with Contemporary GDMT**  
Bhatt, A., Parikh, R., Ambrosy, A., Tan, T., Adaty, S., Lee, K., Sandhu, A., Jana, S., Ku, I., Go, A.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Worsening Heart Failure Events in Adults with Mild-to-Moderate Chronic Kidney Disease.** *American heart journal*  
Ye, L., Girouard, M. P., Go, A. S., Liu, J. Y., Parikh, R. V., Tan, T. C., Lee, E. S., Sun, G., Halaseh, R., Bhatt, A. S., Pravoverov, L., Zheng, S., Svetlichnaya, et al  
2025: 107290
- **Enhancing Risk Stratification for Incident Systolic Heart Failure through Machine Learning and Natural Language Processing.** *American heart journal*  
Adaty, S., Naidu, A. S., Lee, K. K., Ambrosy, A. P., Axelrod, A. W., Dinh, H. H., Au, E., Bhatt, A. S., Tan, T. C., Parikh, R. V., Go, A. S.  
2025
- **Cardiovascular-Focused Messaging to Improve Influenza Vaccination Rates.** *NEJM evidence*  
Bhatt, A. S., Berry, N. C., Parikh, R. V., Ballance, Z., Tan, T. C., Marafino, B. J., Hu, H., Mummert, M., Ambrosy, A. P., Hernandez-Diaz, G., Fitch, R., Patel, S., Biering-Sørensen, et al  
2025: EVIDoa2500208
- **Incident Heart Failure in Adults With Mild to Moderate Chronic Kidney Disease.** *JACC. Heart failure*  
Girouard, M. P., Go, A. S., Liu, J. Y., Parikh, R. V., Tan, T. C., Lee, E. S., Sun, G., Halaseh, R., Bhatt, A. S., Pravoverov, L., Zheng, S., Svetlichnaya, J., Fitzpatrick, et al  
2025: 102616
- **Guideline-Directed Medical Therapy and Outcomes Among Patients With Heart Failure With Improved Ejection Fraction.** *Journal of the American College of Cardiology*

- Min, K. H., Go, A. S., Lee, K., Parikh, R. V., Horiuchi, K. M., Ambrosy, A. P., Tan, T. C., Srikanth, K., Hamilton, S. A., Svetlichnaya, J., Solomon, S. D., Inciardi, R. M., Vardeny, et al  
2025; 86 (5): 338-350
- **Natural Language Processing Improves Reliable Identification of COVID-19 Compared to Diagnostic Codes Alone.** *American journal of epidemiology*  
Hendrix, N., Parikh, R. V., Taskier, M., Walter, G., Phillips, R. L., Rehkopf, D. H.  
2025
  - **Electronically Delivered, Cardiovascular-Focused Messaging to Improve Influenza Vaccination: Rationale, Design, and Baseline Characteristics of the KP-VACCINATE Megatrial.** *American heart journal*  
Bhatt, A. S., Go, A. S., Parikh, R. V., Ballance, Z., Tan, T. C., Marafino, B. J., Hu, H., Mummert, M., Ambrosy, A. P., Hernandez-Diaz, G., Fitch, R., Patel, S., Biering-Sørensen, et al  
2025
  - **Clinical and research applications of natural language processing for heart failure.** *Heart failure reviews*  
Girouard, M. P., Chang, A. J., Liang, Y., Hamilton, S. A., Bhatt, A. S., Svetlichnaya, J., Fitzpatrick, J. K., Carey, E. C., Avula, H. R., Adaty, S., Lee, K. K., Solomon, M. D., Parikh, et al  
2025; 30 (2): 407-415
  - **Heterogeneity of diagnosis and documentation of post-COVID conditions in primary care: A machine learning analysis.** *PloS one*  
Hendrix, N., Parikh, R. V., Taskier, M., Walter, G., Rochlin, I., Saydah, S., Koumans, E. H., Rincon-Guevara, O., Rehkopf, D. H., Phillips, R. L.  
2025; 20 (5): e0324017
  - **Rule-based natural language processing to examine variation in worsening heart failure hospitalizations by age, sex, race and ethnicity, and left ventricular ejection fraction.** *American heart journal*  
Mefford, M. T., Ambrosy, A. P., Wei, R., Zheng, C., Parikh, R. V., Harrison, T. N., Lee, M., Go, A. S., Reynolds, K.  
2024
  - **Rationale and design of the KP ENRICH trial: A food is medicine intervention in low-income high-risk adults with diabetes within Kaiser Permanente.** *Contemporary clinical trials*  
Parikh, R. V., Nau, C. L., Tan, T. C., Tucher, E., Vallejo, J. D., Jimenez, J. J., Horiuchi, K. M., Allen, A. R., Stehr, P., Alexeeff, S. E., Han, B., Lo, J. C., Mozaffarian, et al  
2024; 143: 107601
  - **Applying natural language processing to identify emergency department and observation encounters for worsening heart failure.** *ESC heart failure*  
Hamilton, S. A., Ambrosy, A. P., Parikh, R. V., Tan, T. C., Fitzpatrick, J. K., Avula, H. R., Sandhu, A. T., Ku, I. A., Go, A. S., Sax, D., Bhatt, A. S.  
2024
  - **Sex-Based Differences in the Epidemiology, Clinical Characteristics, and Outcomes Associated with Worsening Heart Failure Events in a Learning Health System.** *Journal of cardiac failure*  
Leung, C. J., Bhatt, A. S., Go, A. S., Parikh, R. V., Garcia, E. A., Le, K. C., Low, D., Allen, A. R., Fitzpatrick, J. K., Adaty, S., Sax, D. R., Goyal, P., Varshney, et al  
2024
  - **CKD stage-specific utility of two equations for predicting 1-year risk of ESKD.** *PloS one*  
Zheng, S., Parikh, R. V., Tan, T. C., Pravoverov, L., Patel, J. K., Horiuchi, K. M., Go, A. S.  
2023; 18 (11): e0293293
  - **Developing Clinical Risk Prediction Models for Worsening Heart Failure Events and Death by Left Ventricular Ejection Fraction.** *Journal of the American Heart Association*  
Parikh, R. V., Go, A. S., Bhatt, A. S., Tan, T. C., Allen, A. R., Feng, K. Y., Hamilton, S. A., Tai, A. S., Fitzpatrick, J. K., Lee, K. K., Adaty, S., Avula, H. R., Sax, et al  
2023: e029736
  - **The association between changes in echocardiography and risk of heart failure hospitalizations and death in adults with chronic kidney disease.** *Scientific reports*  
Fitzpatrick, J. K., Parikh, R. V., Hamilton, S. A., Ambrosy, A. P., Tan, T. C., Bansal, N., Go, A. S.  
2023; 13 (1): 8863

- **Association Between Participation in a Heart Failure Telemonitoring Program and Healthcare Utilization and Death within an Integrated Health Care Delivery System.** *Journal of cardiac failure*  
Parikh, R. V., Axelrod, A. W., Ambrosy, A. P., Tan, T. C., Bhatt, A. S., Fitzpatrick, J. K., Lee, K. K., Aditya, S., Vasadia, J. V., Dinh, H. H., Go, A. S.  
2023
- **Effect of Medically Tailored Meals on Clinical Outcomes in Recently Hospitalized High-Risk Adults.** *Medical care*  
Go, A. S., Tan, T. C., Horiuchi, K. M., Laws, D., Ambrosy, A. P., Lee, K. K., Maring, B. L., Joy, J., Couch, C., Hepfer, P., Lo, J. C., Parikh, R. V., KP NOURISH Study Investigators  
2022
- **Analysis of Worsening Heart Failure Events in an Integrated Health Care System.** *Journal of the American College of Cardiology*  
Ambrosy, A. P., Parikh, R. V., Sung, S. H., Tan, T. C., Narayanan, A., Masson, R., Lam, P. Q., Kheder, K., Iwahashi, A., Hardwick, A. B., Fitzpatrick, J. K., Avula, H. R., Selby, et al  
2022; 80 (2): 111-122
- **Prognostic value of echocardiography for heart failure and death in adults with chronic kidney disease.** *American heart journal*  
Fitzpatrick, J. K., Ambrosy, A. P., Parikh, R. V., Tan, T. C., Bansal, N., Go, A. S., CRIC Study Investigators  
2022; 248: 84-96
- **A Natural Language Processing-Based Approach for Identifying Hospitalizations for Worsening Heart Failure Within an Integrated Health Care Delivery System.** *JAMA network open*  
Ambrosy, A. P., Parikh, R. V., Sung, S. H., Narayanan, A., Masson, R., Lam, P., Kheder, K., Iwahashi, A., Hardwick, A. B., Fitzpatrick, J. K., Avula, H. R., Selby, V. N., Shen, et al  
2021; 4 (11): e2135152
- **Race, Genetic Ancestry, and Estimating Kidney Function in CKD.** *The New England journal of medicine*  
Hsu, C., Yang, W., Parikh, R. V., Anderson, A. H., Chen, T. K., Cohen, D. L., He, J., Mohanty, M. J., Lash, J. P., Mills, K. T., Muir, A. N., Parsa, A., Saunders, et al  
2021
- **Timing of AKI after urgent percutaneous coronary intervention and clinical outcomes: a high-dimensional propensity score analysis** *BMC NEPHROLOGY*  
Go, A. S., Tan, T. C., Parikh, R. V., Ambrosy, A. P., Pravoverov, L. V., Zheng, S., Leong, T. K.  
2021; 22 (1): 300
- **Analysis of Estimated and Measured Glomerular Filtration Rates and the CKD-EPI Equation Race Coefficient in the Chronic Renal Insufficiency Cohort Study.** *JAMA network open*  
Hsu, C., Yang, W., Go, A. S., Parikh, R. V., Feldman, H. I.  
2021; 4 (7): e2117080
- **Primary Nephrotic Syndrome and Risks of ESKD, Cardiovascular Events, and Death: The Kaiser Permanente Nephrotic Syndrome Study.** *Journal of the American Society of Nephrology : JASN*  
Go, A. S., Tan, T. C., Chertow, G. M., Ordonez, J. D., Fan, D., Law, D., Yankulin, L., Wojcicki, J. M., Zheng, S., Chen, K. K., Khoshniat-Rad, F., Yang, J., Parikh, et al  
2021
- **Rationale and Design of the Pragmatic Randomized Trial of Icosapent Ethyl for High Cardiovascular Risk Adults (MITIGATE).** *American heart journal*  
Ambrosy, A. P., Malik, U. I., Thomas, R. C., Parikh, R. V., Tan, T. C., Goh, C. C., Selby, V. N., Solomon, M. D., Avula, H. R., Fitzpatrick, J. K., Skarbinski, J., Philip, S., Granowitz, et al  
2021
- **Population-based identification and temporal trend of children with primary nephrotic syndrome: The Kaiser Permanente nephrotic syndrome study.** *PloS one*  
Parikh, R. V., Tan, T. C., Fan, D., Law, D., Salyer, A. S., Yankulin, L., Wojcicki, J. M., Zheng, S., Ordonez, J. D., Chertow, G. M., Khoshniat-Rad, F., Yang, J., Go, et al  
2021; 16 (10): e0257674
- **Implication of Trends in Timing of Dialysis Initiation for Incidence of End-stage Kidney Disease** *JAMA INTERNAL MEDICINE*  
Hsu, C., Parikh, R. V., Pravoverov, L. N., Zheng, S., Glidden, D. V., Tan, T. C., Go, A. S.  
2020; 180 (12): 1647-1654

- **Kidney Function and Potassium Monitoring After Initiation of Renin-Angiotensin-Aldosterone System Blockade Therapy and Outcomes in 2 North American Populations** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*  
Parikh, R. V., Nash, D. M., Brimble, K., Markle-Reid, M., Tan, T. C., McArthur, E., Khoshniat-Rad, F., Sood, M. M., Zheng, S., Pravoverov, L., Nesrallah, G. E., Garg, A. X., Go, et al  
2020; 13 (9): 611-623
- **Community-Based Epidemiology of Hospitalized Acute Kidney Injury** *PEDIATRICS*  
Parikh, R., Tan, T. C., Salyer, A. S., Auron, A., Kim, P. S., Ku, E., Go, A. S.  
2020; 146 (3)
- **Trends Associated With Large-scale Expansion of Peritoneal Dialysis Within an Integrated Care Delivery Model** *JAMA INTERNAL MEDICINE*  
Pravoverov, L. V., Zheng, S., Parikh, R., Tan, T. C., Bhalla, N., Reddy, C., Mroz, J., Jonelis, T. Y., Go, A. S.  
2019; 179 (11): 1537-1542
- **Predicting Renal Recovery After Dialysis-Requiring Acute Kidney Injury** *KIDNEY INTERNATIONAL REPORTS*  
Lee, B. J., Hsu, C., Parikh, R., McCulloch, C. E., Tan, T. C., Liu, K. D., Hsu, R. K., Pravoverov, L., Zheng, S., Go, A. S.  
2019; 4 (4): 571-581
- **Kidney function, proteinuria and breast arterial calcification in women without clinical cardiovascular disease: The MINERVA study** *PLOS ONE*  
Parikh, R. V., Iribarren, C., Lee, C., Levine-Hall, T., Tan, T. C., Sanchez, G., Ding, H., Bidgoli, F., Molloi, S., Go, A. S.  
2019; 14 (1): e0210973
- **Non-recovery from dialysis-requiring acute kidney injury and short-term mortality and cardiovascular risk: a cohort study** *BMC NEPHROLOGY*  
Lee, B. J., Hsu, C., Parikh, R. V., Leong, T. K., Tan, T. C., Walia, S., Liu, K. D., Hsu, R. K., Go, A. S.  
2018; 19: 134
- **Pre-admission proteinuria impacts risk of non-recovery after dialysis-requiring acute kidney injury** *KIDNEY INTERNATIONAL*  
Lee, B. J., Go, A. S., Parikh, R., Leong, T. K., Tan, T. C., Walia, S., Hsu, R. K., Liu, K. D., Hsu, C.  
2018; 93 (4): 968-976
- **Is There Room for Prevention? Examining the Effect of Outpatient Facility Type on the Risk of Surgical Site Infection** *INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY*  
Parikh, R., Pollock, D., Sharma, J., Edwards, J.  
2016; 37 (10): 1179-1185