

# Stanford

---



## Steven Soo

Clinical Assistant Professor, Medicine

### CLINICAL OFFICE (PRIMARY)

- **Stanford University Medical Center Hospital Medicine**

300 Pasteur Dr

E Pavilion Fl 3 MC 5158

Palo Alto, CA 94304

Tel (650) 723-4000      Fax (650) 497-2790

### Bio

---

#### BIO

Steven Soo, MD, is a Clinical Assistant Professor in the Division of Hospital Medicine at Stanford. Born and raised in the Pacific Northwest, he earned his undergraduate degree in chemical engineering from Oregon State University and began his career in the paper and semiconductor manufacturing industries before pivoting to medicine. Dr. Soo completed medical school and internal medicine residency at New York University Grossman Long Island School of Medicine. In addition to his clinical responsibilities, he has been actively involved in a range of quality improvement and research projects. His academic interests include cardiology, with particular focus on cardio-oncology and advanced heart failure, as well as systems-based strategies for improving patient care and clinical operations.

#### CLINICAL FOCUS

- Internal Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine

#### PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine (2025)
- Medical Education: New York University School of Medicine (2022) NY
- Honors Bachelor of Science, Oregon State University, Chemical Engineering (2018)
- Residency: NYU Grossman Long Island School of Medicine Internal Medicine (2025) NY

### Publications

---

#### PUBLICATIONS

- **Impact of echocardiographic hemodynamics on outcomes among patients with polycythemia vera or essential thrombocythemia.** *Cardio-oncology (London, England)*  
Leiva, O., Soo, S., Liu, O. C., You, V., Hobbs, G.

2026

- **Echocardiographic high-output heart failure is associated with worse survival among patients with myelofibrosis.** *Cardio-oncology (London, England)*  
Leiva, O., Soo, S., Liu, O. C., You, V., Palmer, A., Kahla, J., Murtaza, Y., Odenike, O., Patel, A., DeCara, J., Belkin, M., Kanwar, M., Gozdecki, et al  
2026
- **Ruxolitinib and heart failure outcomes among patients with myelofibrosis.** *Leukemia & lymphoma*  
Leiva, O., Soo, S., Liu, O. C., You, V., Palmer, A., Kahla, J., Murtaza, Y., Odenike, O., Patel, A., DeCara, J. M., Lee, M. H., How, J., Hobbs, et al  
2026: 1-8
- **Low Serum Cholesterol Is a Biomarker of Advanced Disease and Poor Outcomes in Myeloproliferative Neoplasms.** *Blood advances*  
Leiva, O., Soo, S., Liu, O. C., You, V., Palmer, A. S., Kahla, J. A., Murtaza, Y., Odenike, O., Patel, A. A., DeCara, J., Dubielecka, P. M., Petersen, M., Lee, et al  
2026
- **Impact of Statin Use on Cardiovascular and Hematologic Outcomes Among Patients with Myeloproliferative Neoplasms.** *Blood advances*  
Leiva, O., Soo, S., Liu, O. C., You, V., Palmer, A. S., Kahla, J. A., Murtaza, Y., Odenike, O., Patel, A. A., DeCara, J., Dubielecka, P. M., Petersen, M., Lee, et al  
2026
- **Characterization and Prognostic Implications of Pulmonary Hypertension on Right Heart Catheterization Among Patients with Myeloproliferative Neoplasms**  
Leiva, O., Soo, S., Liu, O., Kahla, J., Murtaza, Y., You, V., Palmer, A., Patel, A., Belkin, M., Swat, S., Gozdecki, L., Kanwar, M., Odenike, et al  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Characterization and prognostic implication of pulmonary hypertension among patients with myeloproliferative neoplasms.** *Haematologica*  
Leiva, O., Soo, S., Liu, O., Smilowitz, N. R., Reynolds, H., Shah, B., Bernard, S., How, J., Lee, M. H., Hobbs, G.  
2025; 110 (10): 2388-2399
- **Impact of Echocardiographic Probability of Pulmonary Hypertension on Prognosis and Outcomes Among Patients With Myeloproliferative Neoplasms.** *Circulation. Cardiovascular imaging*  
Leiva, O., Soo, S., Smilowitz, N. R., Reynolds, H., Shah, B., Bernard, S., How, J., Lee, M. H., Hobbs, G.  
2025; 18 (8): e017986
- **Outcomes of patients with cancer admitted with heart failure-associated cardiogenic shock.** *European heart journal. Acute cardiovascular care*  
Liu, O., Soo, S., Bloom, M., Alvarez-Cardona, J., Katz, J. N., Cheng, R. K., Yang, E. H., Leiva, O.  
2025; 14 (6): 318-326
- **Choosing Intra-aortic Balloon Pump Or Impella Support To Optimize Hemodynamics For Patients Presenting With Acute Coronary Syndrome** *Journal of Cardiac Failure*  
Sandher, S., Alam, A., Soo, S.  
2025; 31 (1)
- **Divergent Early Immune Trajectories in Dual-Organ Heart Transplantation: Insights from ImmuKnow Monitoring** *American Journal of Transplantation*  
Phillips, K., Golob, S., Moussa, M., Rana, M., Singh, P., Soo, S., Grossi, E., Rao, S., Reyentovich, A., Wayda, B., Moazami, N., Goldberg, R., Alam, et al  
2025; 25 (8)
- **Impact of Donor and Recipient Characteristics on Post-Transplant ImmuKnow and AlloMap Following Heart Transplantation** *American Journal of Transplantation*  
Singh, P., Golob, S., Phillips, K., Moussa, M., Rana, M., Soo, S., Rao, S., Reyentovich, A., Moazami, N., Goldberg, R., Alam, A.  
2025; 25 (8)
- **Association of ImmuKnow with Post-Transplant Coronary Artery Vasculopathy** *American Journal of Transplantation*  
Golob, S., Phillips, K., Moussa, M., Rana, M., Singh, P., Soo, S., Grossi, E., Rao, S., Reyentovich, A., Moazami, N., Wayda, B., Goldberg, R., Alam, et al  
2025; 25 (8)

- **Prognostic Implications of Pulmonary Hypertension in Myeloproliferative Neoplasms and Predictors of Hematologic Progression**  
Leiva, O., Soo, S., Smilowitz, N., Reynolds, H., Shah, B., Bernard, S., Lee, M., How, C., Hobbs, G. S.  
ELSEVIER.2024: 248
- **Incidence, Risk Factors, and Prognostic Implications of Heart Failure Hospitalizations Among Patients with Myeloproliferative Neoplasms**  
Leiva, O., Soo, S., Smilowitz, N., Reynolds, H., Shah, B., Bernard, S., Lee, M., How, C., Hobbs, G. S.  
ELSEVIER.2024: 3188-3189
- **Cancer Therapy-Associated Pulmonary Hypertension and Right Ventricular Dysfunction: Etiologies and Prognostic Implications.** *Reviews in cardiovascular medicine*  
Leiva, O., Beaty, W., Soo, S., Agarwal, M. A., Yang, E. H.  
2024; 25 (3): 87
- **STEMI IN A YOUNG PATIENT WITH ANTIPHOSPHOLIPID SYNDROME** *Journal of the American College of Cardiology*  
Soo, S., Xia, J., Kim, S., Papadakos, S.  
2024; 83
- **Association of Elevated Pulmonary Artery Systolic Pressure with Hematologic Progression in Myeloproliferative Neoplasms** *Journal of Clinical Oncology*  
Leiva, O., Soo, S., How, C., Smilowitz, N., Shah, B., Reynolds, H., Hobbs, G., Bernard, S.  
2024; 42
- **Quality Improvement Project to Increase the HPV Vaccination Rates of 13 year old Patients at a Pediatric Clinic** *Pediatric Academic Societies (PAS)*  
Soo, S., Asuncion, A., O'Keefe, P.  
2022
- **Novel approaches in the post-tracheostomy care of the COVID-19 patient** *Critical Care Innovations*  
Rai, A., Chang, A., Soo, S., Thomas, J., Ackerman, J., Mitzman, B., Bender, M.  
2020; 3 (3)

## PRESENTATIONS

- Outcomes of Patients with Cancer and non-Acute Myocardial Infarction Cardiogenic Shock Managed with Temporary Mechanical Circulatory Support - American College of Cardiology (ACC)
- Optimization of Schizochytrium limacinum SR21 Growth using Different Carbon Sources and Copper Concentrations - Oregon State University Honors College
- Systemic Lupus Erythematosus Case Study - NYU Grossman Long Island SOM
- Dual Threat – Simultaneous STEMI and Ischemic Stroke: a Time to Defer Primary PCI? - NYU Grossman Long Island SOM
- Severe Malaria Requiring Artesunate and Artemether-Lumefantrine - NYU Grossman Long Island SOM
- Subacute Combined Degeneration & Transverse Myelitis: A Diagnostic Challenge - NYU Grossman Long Island SOM