

Stanford



Mrigender Singh Virk

Clinical Assistant Professor, Pathology

CLINICAL OFFICES

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Bio

BIO

Dr. Mrigender Virk completed his residency in Anatomic & Clinical Pathology at Georgetown University before joining Stanford for his Transfusion Medicine Fellowship. After completion of the fellowship, Dr. Virk joined the Department of Pathology as a Clinical Assistant Professor for Transfusion Medicine.

CLINICAL FOCUS

- Anatomic and Clinical Pathology
- Transfusion Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pathology

ADMINISTRATIVE APPOINTMENTS

- Associate Director, Transfusion Medicine Fellowship Program, Stanford University Medical Center, (2018- present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Pathology , Transfusion Medicine & Blood Banking (2018)
- Fellowship, Stanford University , Transfusion Medicine & Blood Banking (2018)
- Board Certification, American Board of Pathology , Anatomic & Clinical Pathology (2017)
- Residency, Georgetown University , Anatomic & Clinical Pathology (2017)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Transfusion Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Establishing a Satellite Transfusion Service Within an Academic Medical Center.** *American journal of clinical pathology*

Murphy, C. H., Lim, A. Y., Chua, L., Shan, H., Goodnough, L. T., Virk, M. S.
2020

- **Optimizing O-negative RBC utilization using a data-driven approach.** *Transfusion*
Virk, M. S., Lancaster, D., Quach, T., Lim, A., Shu, E., Belanger, G., Pham, T. D.
2020
- **Blood Donation During Pregnancy Due to Anti-Ku Hemolytic Disease of the Fetus and Newborn** *LABORATORY MEDICINE*
Virk, M., Papakonstantino, K., Cai, W., Oh, D., Andrews, J.
2019; 50 (4): 421–25
- **Non-HLA Antibody-Mediated Rejection of Lung Transplant Masquerading Transfusion-Related Acute Lung Injury**
Yunce, M., Virk, M., Zhang, B. M., Mooney, K., Saleem, A., Shan, H.
WILEY.2019: 199A
- **Detection of Anti-ABO Antibodies by Flow-Based Assays Predicts Clinical Hemolysis in HSCT Patients**
Virk, M., Liu, H., Khoa Dang Nguyen, Chen, G., Tho Pham
WILEY.2019: 90A
- **A FLOW CYTOMETRY BASED ABO-BLOOD GROUP ANTIBODY ASSAY (FABO-AB) FOR PREDICTING HEMOLYSIS IN ABO-MISMATCHED BONE MARROW TRANSPLANTATION (BMT)**
Liu, H., Nguyen, K. D., Virk, M. S., Pham, T. D., Chen, G.
ELSEVIER SCIENCE INC.2019: 40
- **International assessment of massive transfusion protocol contents and indications for activation** *TRANSFUSION*
Thomasson, R. R., Yazer, M. H., Gorham, J. D., Dunbar, N. M., Adhikari, P., Apolseth, T., Bahr, M., Blain, H., Bohonek, M., Boral, L., Browne, I., Cheng, N., Cohn, et al
2019; 59 (5): 1637–43
- **ABO Antibody Detection with Biolayer Interferometry**
Virk, M., Khoa Nguyen, Khosravi, M., Miller, E., Tho Pham
WILEY.2018: 145A
- **Severe Underestimation of Serum Na following IVIG Treatment.** *Laboratory medicine*
Virk, M. S., Dean, N. P., Wong, E. C.
2018; 49 (4): 372–76
- **Rh Immunoprophylaxis for Women With a Serologic Weak D Phenotype.** *Laboratory medicine*
Virk, M., Sandler, S. G.
2015; 46 (3): 190–94