



## Muharrem Yunce, M.D.

Clinical Associate Professor, Pathology

### CLINICAL OFFICE (PRIMARY)

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### ACADEMIC CONTACT INFORMATION

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## Bio

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### BIO

Dr. Yunce completed his transfusion medicine fellowship at Stanford and then gained invaluable clinical experience with the Malignant Hematology Group at UCSF for two years. After rejoining Stanford, Dr. Yunce started as the Medical Director of Therapeutic Apheresis. In this role, he works with clinicians from various departments, fellows, residents, and nursing staff to ensure life-saving and emergent procedures such as therapeutic plasma exchange (TPE), red cell exchange, plateletpheresis, and leukapheresis are conducted effectively. Additionally, Dr. Yunce oversees extracorporeal photopheresis for solid organ transplant rejection.

Dr. Yunce has been recognized for his contribution to the Department of Pathology as a faculty member in teaching and mentorship. He was selected for Teaching Award in 2023 and Mentor Award by the department and was nominated in 2023 and 2024 for the prestigious Alwin C. Rambar-James B.D. Mark Award for Excellence in Patient Care.

As an active member of the American Society of Apheresis, Dr. Yunce chairs the research subcommittee on TPE utilization in solid organ transplant rejection and desensitization protocols as well as he is member of multiple research subcommittees.

### CLINICAL FOCUS

- Therapeutic Apheresis
- Anatomic and Clinical Pathology
- Extracorporeal Photopheresis
- Plasma Exchange

### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pathology

### ADMINISTRATIVE APPOINTMENTS

- Medical Director, Therapeutic Apheresis, Stanford University Medical Center, (2021- present)

## HONORS AND AWARDS

- Department of Pathology Faculty Mentor Award, Stanford University (2025)
- Best Abstract Award, American Society for Apheresis (ASFA) (2025)
- Charles B. Carrington Outstanding Poster Presentation Award, Stanford University (2024)
- The Whitlock Prize, Stanford University, Department of Pathology (2024)
- Nomination for Alwin C. Rambar-James B.D. Mark Award for Excellence in Patient Care, Stanford University (2023)
- Department of Pathology Faculty Teaching Award, Stanford University (2023)
- Charles B. Carrington Outstanding Poster Presentation Award, Stanford University (2018)
- Member, Alpha Omega Alpha Medical Honor Society, Stanford University (2019)

## PROFESSIONAL EDUCATION

- Board Certification: Blood Banking/Transfusion Medicine, American Board of Pathology (2019)
- Fellowship: Stanford University Pathology Fellowships (2019) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2018)
- Residency: Medstar Georgetown University Hospital (2018) DC
- Medical Education: Dicle University School of Medicine (2010) Turkey

## Publications

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### PUBLICATIONS

- **Variations in Therapeutic Plasma Exchange and Extracorporeal Photopheresis Practice Patterns: Survey Results From the ASFA Solid Organ Transplantation Subcommittee.** *Journal of clinical apheresis*  
Lee, G. M., AlMozain, N. H., Alquist, C. R., Alsammak, M. S., Eichbaum, Q., Karafin, M. S., Knudson, C. M., Lamba, D. S., Lopez-Plaza, I., Mattiazzi, A. D., Raval, J. S., Schneiderman, J., Setya, et al  
2026; 41 (2): e70113
- **Intraoperative Therapeutic Plasma Exchange for Sensitized Heart Transplant Candidates.** *Journal of clinical apheresis*  
Yigitbilek, F., Kim, J. S., Henricksen, E. J., Teuteberg, J. J., Khush, K. K., Narula, N., Zhang, B. M., Yunce, M.  
2026; 41 (2): e70115
- **Practice Variability in the Evaluation and Management of HLA Alloimmunization in Platelet Refractoriness: A Multi-Institutional Survey in the U.S.** *Transfusion clinique et biologique : journal de la Societe francaise de transfusion sanguine*  
Baykara, Y., Fang, D. C., Tran, M. H., Yunce, M.  
2026
- **Utility of Plasma Exchange in a Patient with Waldenstrom Macroglobulinemia and Recurrent Angioedema Secondary to C1 Esterase Inhibitor.** *Rhode Island medical journal* (2013)  
Baykara, Y., Abdelmonem, M., Yunce, M.  
2025; 108 (10): 11-14
- **Therapeutic Plasma Exchange After Spontaneous Intracranial Hemorrhage for a Patient With Antiphospholipid Syndrome and Lupus Anticoagulant Hypoprothrombinemia.** *Journal of clinical apheresis*  
Nicholas, J., Wali, J., Ellis-Caleo, T., Virk, M. S., Yunce, M.  
2025; 40 (5): e70064
- **Serologic Characteristics and Clinical Significance of Non-ABO Red Blood Cell Antibodies in Hematopoietic Stem Cell Transplant. The BEST Collaborative Study.** *Transplantation and cellular therapy*  
Kogler, V., Pagano, M. B., Fontaine, M. J., Azimi, V., Brancamp, R., Cataife, G., Covington, M., Delaney, M., Eichbaum, Q., Jacquot, C., Kutner, J. M., Lu, W., Saifee, et al  
2025

- **Combined use of Carfilzomib and plasmapheresis in antibody-mediated liver transplant rejection.** *Transfusion and apheresis science : official journal of the World Apheresis Association : official journal of the European Society for Haemapheresis*  
Jamal, Y. A., Wali, J., Shin, C., Virk, M. S., Zhang, M., Yunce, M.  
2025; 64 (4): 104175
- **Therapeutic Apheresis for Neurological Diseases: A Five-Year Retrospective Study at a Large Academic Medical Center.** *Journal of clinical apheresis*  
Jamal, Y. A., Yigitbilek, F., Yunce, M.  
2025; 40 (3): e70035
- **Expanding Horizons: Single-Center Insights on Extracorporeal Photopheresis (ECP) in Non-Lung Solid Organ Transplantation.** *Journal of clinical apheresis*  
Sethapati, V. R., Narula, N., Yunce, M.  
2025; 40 (3): e70028
- **Therapeutic Plasma Exchange in Treatment of Autoimmune Retinopathy.** *Transfusion clinique et biologique : journal de la Societe francaise de transfusion sanguine*  
Baykara, Y., Yunce, M.  
2025
- **Granulocyte Transfusion in Pediatric and Adult Neutropenic Patients: A 16-Year Retrospective Review.** *Cureus*  
Baykara, Y., Jamal, Y., Nguyen, A., Quach, T., Pandey, S., Mateo, D., Yunce, M.  
2025; 17 (5): e83578
- **Successful use of therapeutic plasma exchange for the management of acute lung transplant rejection secondary to immune checkpoint inhibitor therapy.** *Transfusion and apheresis science : official journal of the World Apheresis Association : official journal of the European Society for Haemapheresis*  
Wali, J. A., Yunce, M., Narula, N.  
2024; 63 (6): 104024
- **Comparison of the solid-phase red cell adherence assay and tube method for detection and identification of red blood cell antibodies.** *American journal of clinical pathology*  
Abdelmonem, M., Dussaq, A., Papakonstantino, K., Yunce, M., Virk, M. S.  
2024
- **Incidence of formation of anti-D between patients with and without a history of solid organ transplant.** *Vox sanguinis*  
Wali, J. A., Abdelmonem, M., Nguyen, A., Shan, H., Pandey, S., Yunce, M.  
2024
- **Plasma Exchange in Patients With Myositis due to Immune Checkpoint Inhibitor Therapy.** *Journal of clinical neuromuscular disease*  
Katy, N., Katsumoto, T. R., Ramachandran, K. J., Yunce, M., Muppidi, S.  
2023; 25 (2): 89-93
- **A Single Center Experience for Clinical Evaluation of Paroxysmal Cold Hemoglobinuria and Donath-Landsteiner Testing**  
Villar-Prados, A., Chien, M., Yunce, M., Abdelmonem, M., Duda, M.  
AMER SOC HEMATOLOGY.2023
- **Anti-D Development Between Patients With and Without History of Solid Organ Transplant**  
Tang, M., Nguyen, A., Abdelmonem, M., Shan, H., Pandey, S., Yunce, M.  
WILEY.2023: 262A-263A
- **Updates on the mobilization pipeline for hematopoietic stem cell collection.** *Journal of clinical apheresis*  
Tran, M. H., Yunce, M.  
2023
- **A single center experience for clinical evaluation of paroxysmal cold hemoglobinuria and Donath-Landsteiner testing.** *Transfusion*  
Villar-Prados, A., Abdelmonem, M., Duda, M., Chien, M., Yunce, M.  
2023
- **Neonatal Fc receptor blockade as emerging therapy in diseases with plasma exchange indications.** *Journal of clinical apheresis*  
Yunce, M., Katy, N., Monis, G. F., Muppidi, S.

2023

- **Plasma Exchange for Immune-Related Adverse Events Due to Immune Checkpoint Inhibitor Therapy: Implications for Clinical Care and Clinical Trial Design**  
Giri, V. K., Yunce, M., Muppidi, S., Ramchandran, K. J., Katsumoto, T. R., Martin-Kool, B. A.  
AMER SOC HEMATOLOGY.2022: 2835-2836
- **Plasma Exchange in Alzheimer's Disease.** *Transfusion medicine reviews*  
Rohrer, L., Yunce, M., Montine, T. J., Shan, H.  
2022
- **Plasma exchange for severe immune-related adverse events from checkpoint inhibitors: an early window of opportunity?** *Immunotherapy advances*  
Katsumoto, T. R., Wilson, K. L., Giri, V. K., Zhu, H., Anand, S., Ramchandran, K. J., Martin, B. A., Yunce, M., Muppidi, S.  
2022; 2 (1): Itac012
- **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
- **Reducing Length of Stay and Red Blood Cell Transfusion by Implementing an Anesthesia Anemia Management Clinic**  
Yunce, M., Shan, H., Tho Pham, Panigrahi, A.  
WILEY.2019: 208A
- **Reducing Length of Stay and Red Blood Cell Transfusion by Implementing an Anesthesia Anemia Management Clinic**  
Yunce, M., Tho Pham, Panigrahi, A.  
LIPPINCOTT WILLIAMS & WILKINS.2019: 10
- **Herpes hepatitis as a complication of total abdominal hysterectomy; an unusual complication of abdominal instrumentation.** *Clinical case reports*  
Yunce, M., Bhat, P., Jaganathan, D., Bahrain, M.  
2019; 7 (1): 11-14
- **Intravascular large B-cell lymphoma presenting as multiple stroke: A case report.** *Medicine*  
Yunce, M., Mukanlinskaya, N., Selinger, S.  
2018; 97 (41): e12793
- **A case report on 2 unique presentations of upper extremity deep vein thrombosis.** *Medicine*  
Yunce, M., Sharma, A., Braunstein, E., Streiff, M. B., Lum, Y. W.  
2018; 97 (11): e9944
- **Primary malignant melanoma of the lung: a case report of a rare tumor and review of the literature.** *Journal of community hospital internal medicine perspectives*  
Yunce, M., Selinger, S., Krinsky, W., Harley, D. P.  
2018; 8 (1): 29-31
- **One more health benefit of blood donation: reduces acute-phase reactants, oxidants and increases antioxidant capacity.** *Journal of basic and clinical physiology and pharmacology*  
Yunce, M., Erdamar, H., Bayram, N. A., Gok, S.  
2016; 27 (6): 653-657
- **Alemtuzumab in T-cell large granular lymphocytic leukaemia: interim results from a single-arm, open-label, phase 2 study.** *The Lancet. Haematology*  
Dumitriu, B., Ito, S., Feng, X., Stephens, N., Yunce, M., Kajigaya, S., Melenhorst, J. J., Rios, O., Scheinberg, P., Chinian, F., Keyvanfar, K., Battiwalla, M., Wu, et al  
2016; 3 (1): e22-9
- **Antioxidant signal and kidney injury molecule-1 levels in shockwave lithotripsy induced kidney injury.** *Journal of endourology*  
Hatipoğlu, N. K., Evliyaoğlu, O., Işık, B., Bodakçı, M. N., Bozkurt, Y., Sancaktutar, A. A., Söylemez, H., Atar, M., Penbegül, N., Yünce, M., Dağgulli, M.  
2014; 28 (2): 224-8

- **Alemtuzumab Achieved Durable Hematologic Response In Heavily Treated T-Large Granular Lymphocytosis Irrespective To STAT3 Mutation Or V-Beta Clone Size**

Dumitriu, B., Scheinberg, P., Ito, S., Stephens, N., Muharrem, Y., King, E., Kajigaya, S., Melenhorst, J., Chinian, F., Keyvanfar, K., Battiwalla, M., Muranski, P., Young, et al  
AMER SOC HEMATOLOGY.2013

- **Prognostic factors in first-line chemotherapy treated metastatic gastric cancer patients: a retrospective study.** *Asian Pacific journal of cancer prevention : APJCP*

Inal, A., Kaplan, M. A., Kuçukoner, M., Urakci, Z., Guven, M., Nas, N., Yunce, M., Işikdogan, A.  
2012; 13 (8): 3869-72