



David Epstein

Clinical Assistant Professor, Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Disease Clinic**

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Bio

BIO

Dr. Epstein's clinical and research interests focus on infectious and pulmonary complications arising from bone marrow transplantation (BMT), chimeric antigen receptor T-cell (CAR-T) therapy, and other cancer treatments. His current research investigates bronchiectasis and nontuberculous mycobacterial (NTM) infections as complications associated with lung graft-versus-host disease (GVHD) and CAR-T therapy. In his clinical practice, Dr. Epstein cares for patients with bronchiectasis and NTM infections, as well as those undergoing BMT, CAR-T therapy, and other cancer treatments who develop infectious complications.

CLINICAL FOCUS

- Infectious Disease
- Immunocompromised Host Infectious Disease
- Mycobacterium Infections, Nontuberculous
- Bronchiolitis Obliterans
- Bronchiectasis
- Nocardia Infections
- Graft Versus Host Disease
- Aspergillus Infection
- Respiratory Infections
- CAR T Cell Therapy
- Bone Marrow Transplantation

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Infectious Diseases

PROFESSIONAL EDUCATION

- Medical Education: Boston University School of Medicine (2011) MA
- Residency: UCLA Medical Center Internal Medicine (2014) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Fellowship: NYU Medical Center/Bellevue Hospital (2016) NY
- Board Certification: Infectious Disease, American Board of Internal Medicine (2016)
- Fellowship, Stanford University , Immunocompromised Host Infectious Diseases Fellowship (2017)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

pulmonary infections, bronchiectasis, and suppurative lung diseases complicating BMT and CAR-T; bronchiectasis; NTM infections

CLINICAL TRIALS

- ICoN-1 Phase 3 Study of the Efficacy and Safety of Treatment With MNKD-101, Clofazimine Inhalation Suspension, Not Recruiting
- Study of Rezafungin Compared to Standard Antimicrobial Regimen for Prevention of Invasive Fungal Diseases in Adults Undergoing Allogeneic Blood and Marrow Transplantation, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)

Publications

PUBLICATIONS

- **Impact of Grade 2 and 3 Infections on Allogeneic Hematopoietic Cell Transplant Outcomes. a Validation Study of BMT CTN Infection Grading System (BMT CTN IGS)**
Shahid, Z., Samorodnitsky, S., Etra, A., Levine, J. E., Baluch, A., Hill, J. A., Nakamura, R., Toor, A., Ustun, C., Young, J. H., Riches, M. L., Epstein, D. J., Perales, et al
ELSEVIER SCIENCE INC.2026
- **Filling the Evidence Gap: Culture Conversion and Death in Mycobacterium abscessus Complex Pulmonary Disease.** *Chest*
Epstein, D. J., Ruoss, S.
2026; 169 (2): 313-315
- **Immune Reconstitution, Vaccine Protection, and Infectious Complications Following BCMA-Targeted CAR-T Therapy in Relapsed/Refractory Multiple Myeloma**
Moscvin, M., Goyal, A., Jensen, A., Epstein, D., Hovanky, V., Mikkilineni, L., Bennett, L., Latchford, T., Arai, S., Bharadwaj, S., Frank, M., Dahiya, S., Muffly, et al
CIG MEDIA GROUP, LP.2025
- **Bronchiectasis in bronchiolitis obliterans syndrome after hematopoietic cell transplantation.** *Transplantation and cellular therapy*
Epstein, D. J., Rodriguez-Ormaza, N., Sharifi, H., Lai, Y. K., Guo, H. H., Borges, C. H., Omar, S. H., Sahota, A., Dhillon, E. S., Musa, Z. M., Moss, C. T., Chatterjee, P., Hofmann, et al
2025
- **The impact of a best practice advisory for shifting to oral medications: A quality improvement project.** *Journal of hospital medicine*
Linfield, R. Y., Moskatel, L. S., Carlton, S., Amrollahi, F., Epstein, D., Chang, A., Svec, D., Chen, J. H., Shieh, L.
2025
- **Clinical Outcomes of Hematopoietic Cell Transplantation and Chimeric Antigen Receptor T-cell Therapy in Patients With Antecedent Mycobacterium avium Complex Pulmonary Disease: A Case Series of 8 Patients** *OPEN FORUM INFECTIOUS DISEASES*

- Balbin, J., Ferguson Toll, J., Epstein, D. J.
2025; 12 (5): ofaf268
- **Infectious Disease Considerations in Chronic Graft-versus-Host Disease and Transplantation Survivors.** *Transplantation and cellular therapy*
Epstein, D. J., Otoukesh, S., Shahid, Z., Dadwal, S. S.
2024; 30 (9S): S534-S547
 - **Defining and Grading Infections in Clinical Trials Involving Hematopoietic Cell Transplantation: A Report from the BMT CTN Infectious Disease Technical Committee.** *Transplantation and cellular therapy*
Shahid, Z., Etra, A. M., Levine, J. E., Riches, M. L., Baluch, A., Hill, J. A., Nakamura, R., Toor, A. A., Ustun, C., Young, J. H., Perales, M. A., Epstein, D. J., Murthy, et al
2024
 - **Sternal wound infection with *Mycoplasma salivarium* following bilateral lung transplant.** *Transplant infectious disease : an official journal of the Transplantation Society*
Rodriguez-Nava, G., Epstein, D., Nelson, J.
2023: e14120
 - **Noninfectious causes of fever in hematologic malignancies. Are antibiotics still indicated?** *Current opinion in infectious diseases*
Shahid, Z., Epstein, D. J.
2023; 36 (4): 209-217
 - **Epidemiology of lower respiratory tract infections and community-acquired respiratory viruses in patients with bronchiolitis obliterans syndrome after hematopoietic cell transplant: a retrospective cohort study.** *Transplantation and cellular therapy*
Epstein, D. J., Liang, E. C., Sharifi, H., Lai, Y. K., Arai, S., Graber-Naidich, A., Sundaram, V., Nelson, J., Hsu, J. L.
2022
 - **Epidemiology of invasive fungal diseases in adults with newly diagnosed acute myeloid leukemia.** *Leukemia & lymphoma*
Miranti, E., Ho, D. Y., Enriquez, K., Subramanian, A. K., Medeiros, B. C., Epstein, D. J.
2022: 1-7
 - **Accuracy of *Pneumocystis jirovecii* Plasma Cell-Free DNA PCR for Noninvasive Diagnosis of *Pneumocystis* Pneumonia.** *Journal of clinical microbiology*
Moreno, A., Epstein, D., Budvytiene, I., Banaei, N.
2022: e0010122
 - **Surgical resection for patients with pulmonary aspergillosis in the national inpatient sample.** *Journal of thoracic disease*
Patel, D. C., Bhandari, P., Epstein, D. J., Liou, D. Z., Backhus, L. M., Berry, M. F., Shrager, J. B., Lui, N. S.
2021; 13 (8): 4977-4987
 - **Safety and efficacy of intravenously administered cidofovir in adult haematopoietic cell transplant recipients: a retrospective multicentre cohort study.** *The Journal of antimicrobial chemotherapy*
Stern, A., Alonso, C. D., Garcia-Vidal, C., Cardozo, C., Slavin, M., Yong, M. K., Ho, S. A., Mehta Steinke, S., Avery, R. K., Koehler, P., Scheid, C., Cornely, O. A., Maertens, et al
2021
 - **Immune reconstitution and infectious complications following axicabtagene ciloleucel therapy for large B-cell lymphoma** *BLOOD ADVANCES*
Baird, J. H., Epstein, D. J., Tamaresis, J. S., Ehlinger, Z., Spiegel, J. Y., Craig, J., Claire, G. K., Frank, M. J., Muffly, L., Shiraz, P., Meyer, E., Arai, S., Brown, et al
2021; 5 (1): 143-55
 - **Nocardiosis in Immunocompromised Patients on Alternative *Pneumocystis* Prophylaxis.** *Emerging infectious diseases*
Puing, A. G., Epstein, D. J., Banaei, N., Subramanian, A. K., Liu, A. Y.
2021; 27 (10): 2734-2736
 - **Fungal prostatitis due to endemic mycoses and *Cryptococcus*: A multicenter case series.** *The Prostate*
Epstein, D. J., Thompson, L. D., Saleem, A. n., Kao, C. S., Epstein, J. I.
2020
 - ***Eremothecium coryli* bloodstream infection in a patient with acute myeloid leukemia: first case report of human infection** *DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE*

- Multani, A., Rustagi, A., Epstein, D. J., Gomez, C. A., Budvytiene, I., Banaei, N., Brown, J. M., Liu, A. Y.
2019; 95 (1): 77–79
- **Missed diagnosis and misdiagnosis of infectious diseases in hematopoietic cell transplant recipients: an autopsy study.** *Blood advances*
Multani, A. n., Allard, L. S., Wangjam, T. n., Sica, R. A., Epstein, D. J., Rezvani, A. R., Ho, D. Y.
2019; 3 (22): 3602–12
 - **Use of Alternative Agents for Prevention of Opportunistic Infections in Heart and Lung Transplant Recipients** *CLINICAL INFECTIOUS DISEASES*
Epstein, D. J., Benamu, E., Subramanian, A. K.
2018; 67 (10): 1637–39
 - **Echinocandin prophylaxis in patients undergoing haematopoietic cell transplantation and other treatments for haematological malignancies.** *The Journal of antimicrobial chemotherapy*
Epstein, D. J., Seo, S. K., Brown, J. M., Papanicolaou, G. A.
2018; 73 (suppl_1): i60–i72
 - **Prevention and Management of Tuberculosis in Solid Organ Transplant Recipients.** *Infectious disease clinics of North America*
Epstein, D. J., Subramanian, A. K.
2018; 32 (3): 703–18
 - **Infectious Complications of Multiple Sclerosis Therapies: Implications for Screening, Prophylaxis, and Management.** *Open forum infectious diseases*
Epstein, D. J., Dunn, J. n., Deresinski, S. n.
2018; 5 (8): ofy174
 - **HHV-6 and Septic Shock: Tenuous Proof of Causation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Epstein, D. J., Tan, S. K., Deresinski, S. n.
2018
 - **Use of Alternative Agents for Prevention of Opportunistic Infections in Heart and Lung Transplant Recipients.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Epstein, D. J., Benamu, E. n., Subramanian, A. n.
2018
 - **Micafungin Versus Posaconazole Prophylaxis in Acute Leukemia or Myelodysplastic Syndrome: A Randomized Study.** *The Journal of infection*
Epstein, D. J., Seo, S. K., Huang, Y. T., Park, J. H., Klimek, V. M., Berman, E. n., Tallman, M. S., Frattini, M. G., Papanicolaou, G. A.
2018
 - **The Brief Case: Anaerobiospirillum succiniciproducens Bacteremia and Pyomyositis.** *Journal of clinical microbiology*
Epstein, D. J., Ernst, K., Rogers, R., Carmody, E., Aguero-Rosenfeld, M.
2017; 55 (3): 665-669
 - **Closing the Brief Case: Anaerobiospirillum succiniciproducens Bacteremia and Pyomyositis.** *Journal of clinical microbiology*
Epstein, D. J., Ernst, K., Rogers, R., Carmody, E., Aguero-Rosenfeld, M.
2017; 55 (3): 986-987
 - **Toxoplasma Encephalitis in Atypical Hosts at an Academic Cancer Center.** *Open forum infectious diseases*
Morjaria, S., Epstein, D. J., Romero, F. A., Taur, Y., Seo, S. K., Papanicolaou, G. A., Hatzoglou, V., Rosenblum, M., Perales, M., Scordo, M., Kaltsas, A.
2016; 3 (2): ofw070-?