Optimizing The Treatment Experience For People With HIV After A Drug-resistant TB Diagnosis In South Africa

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is an endowed professor of nursing innovation and leadership at the Johns Hopkins University School of Nursing, where he directs the Center for Infectious Disease and Nursing Innovation. He is an Infectious Disease Nurse Epidemiologist and a Nurse Practitioner in the Division of Infectious Diseases at The Johns Hopkins School of Medicine. His clinical practice in the John Bartlett Specialty Practice spans HIV prevention, treatment and associated co-infections, namely mycobacterium tuberculosis. Through two decades of research, his work seeks to optimize a patient’s diagnostic experience with infectious diseases, and to improve their linkage and retention in care. He is the PI on a cluster randomized trial [R01AI104488] designed to tailor nurse case management for persons with drug-resistant tuberculosis and HIV co-infection in South Africa, and a co-investigator on an adaptive, SMART trial [R01 NR016650], which involves an adaptive randomized evaluation of nurse-led HIV treatment and retention interventions for female sex workers living with HIV, also in South Africa. He recently received a Discovery Award from Johns Hopkins University to conduct a randomized controlled trial to improve treatment adherence and retention in care for patients with TB and HIV co-infection using a combined community health worker armed with digital adherence technology to escalate adherence support in real-time. In Baltimore City, he developed a community health worker model that offers an “apologetically enabling” approach to achieve equitable access, retention and engagement for patients struggling with viral suppression. He is presently conducting a comparative effectiveness trial of COVID-19 testing modalities in Baltimore City.

Objectives:

- Describe the epidemiology of drug-resistant TB (DR-TB) in South Africa and the influence of HIV on treatment outcomes.
- Evaluate strategies to improve diagnosis, linkage, adherence and retention in a DR-TB treatment program.
- Consider lessons we can glean for people with HIV here in the United States.

Friday, Dec. 10, 2021
Noon - 1 p.m.
Via Webex

Click here to register

Registration is required to reserve a lunch. Lunch will be available for pickup for the first 40 to register. Deadline to reserve a lunch is Tuesday, Dec. 7, 2021.