



CERTIFICATE OF COMPLETION

THE UNIVERSITY OF WASHINGTON AND NATIONAL HIV CURRICULUM CERTIFY THAT

Justin Hooks, MSN

HAS COMPLETED THE FOLLOWING LESSONS IN THE

CO-OCCURRING CONDITIONS 3RD EDITION MODULE

Latent Tuberculosis Infection, Opportunistic Infections: Prevention, Opportunistic Infections: Treatment, Sexually Transmitted Diseases, Hepatitis B Coinfection, and Hepatitis C Coinfection

A handwritten signature in black ink, reading "David H. Spach, MD".

David H. Spach, MD
Editor-in-Chief, National HIV Curriculum
Professor of Medicine, University of Washington

This certificate shows the progress of **Justin Hooks, MSN**, a Nurse Practitioner, identified by **justin.hooks02@gmail.com** as of July 22, 2025, 11:24 am.
 You may validate this certificate or obtain a digital copy by visiting <https://www.hiv.uw.edu/certificate/co-occurring-conditions/justin.hooks02@gmail.com/3>

The following Lessons were completed along with their quizzes with a quiz score of 80% or higher:

Lessons	Learning Objectives
Latent Tuberculosis Infection Completed April 20, 2024	<ul style="list-style-type: none"> • Discuss the epidemiology of tuberculosis and HIV coinfection in the United States • State the rationale for screening for latent TB in people with HIV • Describe and compare recommended screening tests for latent TB in people with HIV • List recommended options for the treatment of latent TB in people with HIV • Summarize common drug interactions between medications used to treat latent TB and common antiretroviral medications
Opportunistic Infections: Prevention Completed April 20, 2024	<ul style="list-style-type: none"> • Discuss recommendations for initiating primary prevention of opportunistic infections in people with HIV • Summarize recommendations for initiating secondary prophylaxis of opportunistic infections in people with HIV • State criteria for discontinuing primary prevention of opportunistic infections in people with HIV • List criteria for discontinuing secondary prophylaxis of opportunistic infections in people with HIV • Recognize potential adverse effects and contraindications for medications used for prevention of opportunistic infections
Opportunistic Infections: Treatment Completed April 20, 2024	<ul style="list-style-type: none"> • Describe trends in the incidence of opportunistic infections in people with HIV • Recognize the clinical manifestations of common serious opportunistic infections that occur in people with HIV • Discuss recommended treatment of common opportunistic infections • List indications for discontinuing treatment for opportunistic infections • Summarize recommendations for initiating antiretroviral therapy in the setting of an active opportunistic infection
Sexually Transmitted Infections (Sexually Transmitted Diseases) Completed April 20, 2024	<ul style="list-style-type: none"> • Describe the recommendations for sexually transmitted infection screening in people with HIV • Summarize CDC recommendations for the treatment of common sexually transmitted infections in people with HIV • Explain the different stages of syphilis and the recommended treatments at each stage • Discuss laboratory-based methods for diagnosing syphilis • List recommended treatment and suppressive treatment options for genital herpes in people with HIV
Hepatitis B Coinfection Completed April 20, 2024	<ul style="list-style-type: none"> • Identify appropriate tests for evaluation of hepatitis B virus (HBV) infection and immunity • Summarize the approach to persons with HIV who have isolated hepatitis B core antibody • Discuss antiretroviral management of persons with HIV and HBV coinfection • Describe HBV-related immune reconstitution syndrome • List indications and methods for hepatocellular carcinoma surveillance in persons with chronic HBV and HIV coinfection
Hepatitis C Coinfection Completed April 20, 2024	<ul style="list-style-type: none"> • Explain recommendations for HCV screening in people with HIV • Describe the appropriate HCV testing algorithm • Summarize the eligibility criteria and current guidelines for the simplified HCV treatment in people with HIV • Discuss simplified HCV treatment regimens options for people with HIV • List indications and methods for hepatocellular carcinoma surveillance in persons with chronic HCV and HIV