



CERTIFICATE OF COMPLETION

THE UNIVERSITY OF WASHINGTON AND NATIONAL HIV CURRICULUM CERTIFY THAT

Dr. Maqsood A. Bangash, PharmD

HAS COMPLETED THE FOLLOWING LESSONS IN THE

BASIC HIV PRIMARY CARE 3RD EDITION MODULE

Initial Evaluation, Oral Manifestations, Cutaneous Manifestations, Immunizations in Adults, Primary Care Management, Screening for Mental Health Conditions, Substance Use Disorders, and Retention in HIV Care

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 **Dr. Maqsood A. Bangash, PharmD**, a Pharmacist, identified by **drbangash@outlook.com** as of May 31, 2025, 2:11 am. You may validate this certificate or obtain a digital copy by visiting <https://www.hiv.uw.edu/certificate/primary-care/drbangash@outlook.com/3>

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

Lessons	Learning Objectives
Initial Evaluation Completed August 24, 2024	<ul style="list-style-type: none"> • Explain the goals and components of the initial evaluation of persons with HIV who are entering, reentering, or transferring care • Categorize the different stages of HIV disease and the criteria used to define each stage • Summarize the important elements of the medical history to perform at the initial evaluation • Describe key elements for the physical examination to focus on at the initial evaluation • List recommendations for the initial monitoring visit and baseline laboratory tests
Oral Manifestations Completed August 24, 2024	<ul style="list-style-type: none"> • Discuss periodontal disease in persons with HIV • Describe common oral manifestations in persons with HIV • Summarize appropriate diagnostic procedures when evaluating HIV-related oral lesions • List appropriate treatments for HIV-related oral lesions • Recognize oral cancers that occur in persons with HIV
Cutaneous Manifestations Completed August 24, 2024	<ul style="list-style-type: none"> • List common causes of cutaneous findings in persons with HIV • Recognize diagnostic features of common HIV-related cutaneous manifestations in people with HIV • Summarize appropriate treatment for common dermatological manifestations in people with HIV • Explain treatment approaches to cutaneous Kaposi's sarcoma • Discuss vaccine strategies to prevent cutaneous zoster and anogenital warts
Immunizations in Adults Completed August 25, 2024	<ul style="list-style-type: none"> • Discuss immunization recommendations for hepatitis A and hepatitis B in people with HIV • Describe the conjugate meningococcal vaccine schedule in people with HIV • Explain the options for pneumococcal immunization in people with HIV • List the indications and schedule for zoster vaccine in people with HIV • Summarize the contraindications for the use of live vaccines in people with HIV
Primary Care Management Completed August 25, 2024	<ul style="list-style-type: none"> • List cancer screening recommendations for persons with HIV • Discuss the evaluation of common comorbidities in people with HIV • Explain appropriate management of common comorbidities in people with HIV • Summarize key similarities and differences in managing medical comorbidities in people with and without HIV • Discuss tobacco use and smoking cessation strategies in people with HIV
Screening for Mental Health Conditions Completed August 25, 2024	<ul style="list-style-type: none"> • Explore the interrelationship among mental health conditions, HIV acquisition, and risk of HIV transmission • Discuss the association between major depression and the increased risk for mortality in persons with HIV • List common screening tools for mental health conditions • Explain how to integrate screening tools for mental health conditions into primary HIV care • Summarize the approach to screening for HIV-associated neurocognitive disorders
Substance Use Disorders Completed August 25, 2024	<ul style="list-style-type: none"> • Discuss the resources available to screen for different substance use disorders • Explore the epidemiology of substance use disorders in the United States • Describe the unique impact that substance use disorders have on persons with HIV • Explain the rationale for employing behavioral, psychosocial, and pharmacotherapy interventions in treating common substance use disorders • Define the concept of harm reduction as related to treating substance use disorders

Lessons	Learning Objectives
Retention in HIV Care Completed August 25, 2024	<ul style="list-style-type: none">• Explain the HIV Continuum of Care• Define methods to evaluate retention in care among persons with HIV• Discuss the current rate of retention in care in the United States• Identify factors associated with decreased retention in HIV medical care and strategies to promote reengagement in care• Summarize methods to improve retention and reengagement in HIV medical care