



CERTIFICATE OF COMPLETION

THE UNIVERSITY OF WASHINGTON AND NATIONAL HIV CURRICULUM CERTIFY THAT

Emily Caltabiano, BSN

HAS COMPLETED THE FOLLOWING LESSONS IN THE

ANTIRETROVIRAL THERAPY 2ND EDITION MODULE

Antiretroviral Medications and Initial Therapy, Adverse Effects of Antiretroviral Medications, and Drug Interactions with Antiretroviral Medications

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

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

This certificate shows the progress of **Emily Caltabiano, BSN**, a Student, identified by **emcalta@gmail.com** as of July 9, 2025, 2:29 am.
You may validate this certificate or obtain a digital copy by visiting <https://www.hiv.uw.edu/certificate/antiretroviral-therapy/emcalta@gmail.com/2>

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

Lessons	Learning Objectives
Antiretroviral Medications and Initial Therapy Completed March 8, 2022	<ul style="list-style-type: none">• List the major classes of antiretroviral medications• Explain the mechanism of action with each class of antiretroviral medications• Summarize evidence supporting antiretroviral treatment of all persons with HIV• Describe recommended antiretroviral regimens for treatment-naïve individuals and discuss factors to consider when selecting an initial regimen• Discuss recommended laboratory studies to obtain at baseline and while monitoring response to therapy
Adverse Effects of Antiretroviral Medications Completed March 8, 2022	<ul style="list-style-type: none">• Summarize common adverse effects associated with antiretroviral medications• Identify serious adverse effects caused by antiretroviral therapy• List appropriate baseline laboratory studies to perform when starting antiretroviral therapy• Discuss frequency of types of laboratory tests for monitoring persons taking antiretroviral therapy• Explain management strategies for antiretroviral-related adverse effects
Drug Interactions with Antiretroviral Medications Completed March 8, 2022	<ul style="list-style-type: none">• Explain the difference between pharmacokinetics and pharmacodynamics• Access resources for checking drug interactions that involve antiretroviral medications• Identify commonly used antiretroviral medications that often cause significant drug interactions• Discuss how some antiretroviral increase levels of medications and others decrease levels of medications• Describe several drug interactions involving antiretroviral medications and common therapeutic classes of drugs used to treat comorbid conditions