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| **DAY ONE** |
| **Time** | **Topic** | **Learning Objectives** | **Learning Activities** | **Resources** |
| 8:30 – 9:00 | **Sign In /Introduction** | * Introductions
* Outline training schedule
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| 9:00 – 10:00 | **M1: Principles of Viral Load Monitoring**  | * Understand dynamics of viral load during the course of HIV infection
* Understand how viral load affects risk for transmission and progression of HIV
* Explain how viral load responds to ART
* Identify treatment failure using viral load
* Describe schedule of viral load monitoring
 | * Knowledge Check
 | * Adult Counseling Flipchart
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| 10:00-10:45 | **M2: Supporting Behavior Change** | * Understand key counseling techniques
* Learn and apply motivational interviewing tools to adherence counseling
 | * Facilitator Demonstration: Providing Collaborative Health Education
* Activity: Practicing Motivational Interviewing
 | * Adult Counseling Flipchart
 |
| *10:45-11:15 Break* |
| 11:15-1:15 | **M3: How to Use the Adult Flipchart** | * Use the Viral Load Monitoring and Enhanced Adherence Flipchart as a guide to:
	+ Interpret and explain viral load results
	+ Assess adherence among those with viral load > 1,000 copies/ml
	+ Determine cause of VL >1000 copies/ml
	+ Develop targeted interventions to improve adherence assessment and support
	+ Manage next steps based on repeat viral load results
 | * Facilitator Demonstration: Enhanced Adherence Assessment
 | * Adherence Assessment Plan Tool
* Adult Counseling Flipchart
 |
| *1:15 – 2:00 Lunch* |
| 2:00 – 3:30  | **M4: Role Playing and Case Discussions** | * Practice adherence counseling using Adult Flipchart
	+ Adults (non-pregnant/non-breast-feeding)
* Practice completing Adherence Assessment Plan Tool
* Discuss interpretation of viral load results using cases
 | * Case Studies with Role Play
 | * Adherence Assessment Tool
* Counseling Flipchart
* Viral Load Monitoring SOP
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| *3:30 – 3:45 Break* |
| 3:45 – 4:15 | **M5: Viral Load Specimen Collection and Preparation** | * Learn the types of viral load test specimens
* Understand the process of venous blood specimen collection
* Understand the process of dried blood spot specimen collection
* Describe elements of bio-safety
 |  | * Sample laboratory request form
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| 4:15-4:30 | **Questions/ Wrap Up** |  |  |  |
| **DAY TWO** |
| **Time** | **Topic** | **Learning Objectives** | **Learning Activities** | **Resources** |
| 9:00 – 9:30 | **M6: Review of Child and Adolescent Flipcharts** | * Use the Adolescent and Child Viral Load Monitoring and Enhanced Adherence Counseling Flipcharts in order to:
	+ Interpret and explain to patients the meaning of a viral load result < 1,000 copies/ml
	+ Interpret and explain to patients the meaning of a viral load result > 1,000 copies/ml
	+ Assess adherence among those with viral load > 1,000 copies/ml
	+ Develop targeted interventions to improve adherence support
	+ Manage steps based on viral load results
 |  | * Child Counseling Flipchart
* Adolescent Counseling Flipchart
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| 9:30 – 11:00 | **M7: Advanced Counseling Training**  | * Provide psychoeducation in ways to promote behavior change
* Understand models of behavior change
* Understand common behavioral and emotional issues contributing to ART adherence difficulties
* Learn adolescent brain development factors contributing to adherence difficulties
* Learn specific parenting and child skills relevant to adherence counseling for parents and children
 | * Role Play: Enhanced Adherence Counseling with an Adolescent
* Role Play: Enhanced Adherence Counseling with the Parent of an HIV+ Child
 | * Child Counseling Flipchart
* Adolescent Counseling Flipchart
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| *11:00 – 11:30 Break* |
| 11:30 – 1:00  | **M8: ART Resistance and Second Line Regimens**   | * Understand when to switch to a second-line regimen
* Know preferred second-line regimen for adults (including pregnant and breastfeeding women), adolescents, and children
* Describe common drug resistance mutations and how they influence choosing a second-line regimen
* Be familiar with characteristics of the drugs commonly used in second-line regimens
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| *1:00 – 1:45 Lunch* |
| TBD | **Overflow as needed/ Questions/Wrap Up** |  |  |  |