

COMPREHENSIVE BASELINE ASSESSMENT FOR ADULTS LIVING WITH HIV

Clinical and laboratory assessments	Recommendation for Adults Living with HIV	
Medical history and physical exam	<ul style="list-style-type: none"> ■ Educate and reassure using MBHIVP's "My HIV test is positive, now what?" brochure ■ Identify patient priorities ■ Confirm gender identity and preferred pronouns ■ Conduct HIV related history: <ul style="list-style-type: none"> – Identify current and ongoing risks for transmission and support contact tracing according to public health guidelines – Date of most recent HIV negative test – History of seroconversion illness – Previous use of pre-exposure prophylaxis (PrEP) or post-exposure prophylaxis (PEP) – Identify any previous HIV treatment or care and obtain records (most recent CD4 count and HIV viral load, current and previous antiretroviral regimens, drug resistance testing) – Consider opportunistic infection (OI) or OI prophylaxis ■ Past medical history ■ Gynecological history (last menstrual period, cervical screening history, past pregnancies and contraception) 	<ul style="list-style-type: none"> ■ Sexual history (types of activity, partners, sexual exposure sites) ■ History of other sexually transmitted or blood borne infections (STBBIs) and treatment ■ History of tuberculosis (TB) infection, exposure to TB or previous positive tuberculin skin test (TST) ■ Psychosocial history (mental health, trauma, housing, income source, incarcerations, education, employment, place of birth, travel, relationship status, children) ■ Substance use ■ Active medications, over the counter medications/supplements/vitamins ■ Immunization history ■ Medication coverage ■ Allergies ■ Family history ■ Review of systems ■ Complete physical examination including vital signs
HIV specific testing	<ul style="list-style-type: none"> ■ HIV 4th generation p24 antigen/antibody test (HIV 1/2 Ag/Ab combo) (in the absence of Cadham Provincial Laboratory report) ■ CD4 cell count (absolute and percent) (CD3, CD4, CD8) 	<ul style="list-style-type: none"> ■ HIV viral load ■ HIV genotyping/drug resistance ■ HIV INSTI resistance ■ Human leukocyte antigen (HLA)-B5701 test
Screen for co-morbid infections, previous exposure and immunity to other infections	<ul style="list-style-type: none"> ■ TB: <ul style="list-style-type: none"> – Interferon gamma release assay (IGRA) or TST – Chest x-ray – Acid-fast bacillus (AFB) test x (three samples) if symptoms or signs of respiratory infection or TB ■ Hepatitis: <ul style="list-style-type: none"> – Hepatitis A virus antibody (HAV IgG) – Hepatitis B virus surface antigen (HBsAg), surface antibody (HBsAb immunity) and core antibody (HBcAb Total) 	<ul style="list-style-type: none"> – Hepatitis C virus antibody (HCV Ab) or Hepatitis C polymerase chain reaction /PCR (HCV PCR/QUANT) test if known hepatitis C antibody positive ■ Toxoplasma IgG ■ Measles IgG, mumps IgG and rubella IgG ■ Varicella-zoster virus (VZV) IgG ■ Cytomegalovirus (CMV) IgG
Screen for sexually transmitted and blood borne infections (STBBIs)	<ul style="list-style-type: none"> ■ Syphilis ■ Gonorrhea and chlamydia with urine or cervical sample, plus rectal and throat swabs as indicated 	<ul style="list-style-type: none"> ■ Trichomoniasis vaginal swab ■ Swab of any ulcerative lesions for herpes simplex virus (HSV) and treponema
Screen for non-infectious co-morbidities	<ul style="list-style-type: none"> ■ Diabetes and cardiovascular disease risk (CVD) assessment: Hemoglobin A1C (HgbA1C), random glucose, cholesterol profile ■ Liver or renal disease: Complete blood count (CBC) with differential, sodium (Na), potassium (K), chloride (Cl), carbon dioxide (CO2), calcium (Ca), Corrected Ca, phosphorus (PO4), creatinine, 	<ul style="list-style-type: none"> ■ Alanine aminotransferase (ALT), aspartate aminotransferase (AST), alkaline phosphatase (ALP), gamma-glutamyltransferase (GGT), total bilirubin, direct bilirubin, lactate dehydrogenase (LDH), albumin, urinalysis (U/A), urine albumin-creatinine ratio (UACR) ■ Cervical cancer: Pap test for all people with a cervix

