



Guidance: Addressing the Needs of Older Patients in HIV Care

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Table 1: Assessment Domains for Older People With HIV and Selected Tools and Resources	
Area for Assessment	Tools and Resources
<i>Functional Deficits and Geriatric Syndromes</i>	
Basic activities of daily living (general)	Katz Index of Independence in Activities of Daily Living : bathing, dressing, toileting, grooming, transferring, locomotion
Instrumental activities of daily living	The Lawton Instrumental Activities of Daily Living (IADL) Scale : telephone, transportation, housekeeping, medication management, financial management, meal preparation
Continence	National Association for Continence Urinary incontinence in women: evaluation and management [Hu and Pierre 2019] (provides links to 3 different brief screening tools)
Exercise prescription	- ACSM Exercise is Medicine® Health Care Providers' Action Guide Evidence-informed practical recommendations for increasing physical activity among persons living with HIV [Montoya, et al. 2019]
Frailty	CGA Toolkit Plus: Frailty
<i>Mental Health</i>	
Cognition	MoCA Test (Registration and training are required) Alzheimer's Association Alzheimer's Disease Pocketcard app (available for download through the Apple App Store or Google Play) Mini-Cog® Quick Screening for Early Dementia Detection
Social isolation, loneliness	Multiple screening tools and interventions are available through: Campaign to End Loneliness UCSF Stress Measurement Network
Other areas (e.g., depression, anxiety, stigma)	Patient Health Questionnaire-4 (PHQ-4): Ultra-Brief Screening for Anxiety and Depression - SAMHSA Growing Older: Providing Integrated Care for an Aging Population - CDC HIV Stigma and Discrimination
<i>Comorbidities and Medications</i>	
Managing multiple chronic conditions	Decision making for older adults with multiple chronic conditions: executive summary for the American Geriatrics Society Guiding Principles on the Care of Older Adults with Multimorbidity [Boyd, et al. 2019]
Primary care of specific comorbidities	NYSDOH AI guideline Primary Care for Adults With HIV
ART choices and drug-drug interactions	University of Liverpool HIV Drug Interactions Checker - NYSDOH AI resource Drug-Drug Interaction Guide: From HIV Prevention to Treatment - NYSDOH AI guideline Selecting an Initial ART Regimen > ARV Dose Adjustments for Hepatic or Renal Impairment

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Medication choices and polypharmacy	• STOPP/START criteria for potentially inappropriate prescribing in older people: version 2 [O'Mahony, et al. 2015] • American Geriatrics Society 2019 Updated AGS Beers Criteria® for Potentially Inappropriate Medication Use in Older Adults [American Geriatrics Society 2019]
Bone health	Management algorithms: • Recommendations for evaluation and management of bone disease in HIV [Brown, et al. 2015] • Diagnosis, prevention, and treatment of bone fragility in people living with HIV: a position statement from the Swiss Association against Osteoporosis [Biver, et al. 2019] • Management of osteoporosis in patients living with HIV: a systematic review and meta-analysis [Starup-Linde, et al. 2020]
Nutrition (food insecurity, obesity, undernutrition)	• USDA Food Security in the U.S. > Survey Tools • HIV and antiretroviral therapy-related fat alterations [Koethe, et al. 2020]
Quality of Life	
Advance directives	NYSDOH: • Health Care Proxy: Appointing Your Health Care Agent in New York State (includes fillable form) • Medical Orders for Life-Sustaining Treatment (MOLST) and eMOLST
Caregiving (requiring and providing)	Next Step in Care Toolkits, Guides, and More for Health Care Providers
Elder mistreatment	• New York State Coalition on Elder Abuse • National Center on Elder Abuse > Elder Abuse Screening Tools for Healthcare Professionals
Overall health, pain management	• CDC HRQOL-14 “Healthy Days Measure” • 2017 HIVMA of IDSA Clinical practice guideline for the management of chronic pain in patients living with HIV [Bruce, et al. 2017]
Palliative care, prognosis, and end-of-life plans	• Palliative care as an essential component of the HIV care continuum [Harding 2018] • Prognostic tools: – VACS Index Calculator – UCSF ePrognosis Calculators – Prognostic indices for older adults: a systematic review [Yourman, et al. 2012]
Sexual health and menopause	• NYSDOH AI GOALS Framework for Sexual History Taking • NYSDOH AI Guidance: Adopting a Patient-Centered Approach to Sexual Health • Clinical considerations for menopause and associated symptoms in women with HIV [Looby 2023] • Sexual health history: techniques and tips [Savoy, et al. 2020]
Abbreviations: ACSM, American College of Sports Medicine; AGS, American Geriatrics Society; ART, antiretroviral therapy; ARV, antiretroviral medication; CDC, Centers for Disease Control and Prevention; CGA, Comprehensive Geriatric Assessment; GOALS, Give Offer Ask Listen Suggest; HIVMA, HIV Medicine Association; HRQOL, Health-Related Quality of Life; IDSA, Infectious Diseases Society of America; MoCA, Montreal Cognitive Assessment; NIH, National Institutes of Health; NYSDOH AI, New York State Department of Health AIDS Institute; SAMHSA, Substance Abuse and Mental Health Services Administration; UCSF, University of California San Francisco; VACS, Veterans Aging Cohort Study.	

References

- American Geriatrics Society. American Geriatrics Society 2019 updated AGS Beers Criteria® for potentially inappropriate medication use in older adults. *J Am Geriatr Soc* 2019;67(4):674-94. [PMID: 30693946] <https://pubmed.ncbi.nlm.nih.gov/30693946>
- Biver E, Calmy A, Aubry-Rozier B, et al. Diagnosis, prevention, and treatment of bone fragility in people living with HIV: a position statement from the Swiss Association Against Osteoporosis. *Osteoporos Int* 2019;30(5):1125-35. [PMID: 30603840] <https://pubmed.ncbi.nlm.nih.gov/30603840>
- Boyd C, Smith CD, Masoudi FA, et al. Decision making for older adults with multiple chronic conditions: executive summary for the American Geriatrics Society Guiding Principles on the Care of Older Adults With Multimorbidity. *J Am Geriatr Soc* 2019;67(4):665-73. [PMID: 30663782] <https://pubmed.ncbi.nlm.nih.gov/30663782>
- Brown TT, Hoy J, Borderi M, et al. Recommendations for evaluation and management of bone disease in HIV. *Clin Infect Dis* 2015;60(8):1242-51. [PMID: 25609682] <https://pubmed.ncbi.nlm.nih.gov/25609682>
- Bruce RD, Merlin J, Lum PJ, et al. 2017 HIVMA of IDSA clinical practice guideline for the management of chronic pain in patients living with HIV. *Clin Infect Dis* 2017;65(10):e1-37. [PMID: 29020263] <https://pubmed.ncbi.nlm.nih.gov/29020263>
- Harding R. Palliative care as an essential component of the HIV care continuum. *Lancet HIV* 2018;5(9):e524-30. [PMID: 30025682] <https://pubmed.ncbi.nlm.nih.gov/30025682>
- Hu JS, Pierre EF. Urinary incontinence in women: evaluation and management. *Am Fam Physician* 2019;100(6):339-48. [PMID: 31524367] <https://pubmed.ncbi.nlm.nih.gov/31524367>
- Koethe JR, Lagathu C, Lake JE, et al. HIV and antiretroviral therapy-related fat alterations. *Nat Rev Dis Primers* 2020;6(1):48. [PMID: 32555389] <https://pubmed.ncbi.nlm.nih.gov/32555389>
- Looby SE. Clinical considerations for menopause and associated symptoms in women with HIV. *Menopause* 2023;30(3):329-31. [PMID: 36811963] <https://pubmed.ncbi.nlm.nih.gov/36811963>
- Montoya JL, Jankowski CM, O'Brien KK, et al. Evidence-informed practical recommendations for increasing physical activity among persons living with HIV. *AIDS* 2019;33(6):931-39. [PMID: 30946147] <https://pubmed.ncbi.nlm.nih.gov/30946147>
- O'Mahony D, O'Sullivan D, Byrne S, et al. STOPP/START criteria for potentially inappropriate prescribing in older people: version 2. *Age Ageing* 2015;44(2):213-18. [PMID: 25324330] <https://pubmed.ncbi.nlm.nih.gov/25324330>
- Savoy M, O'Gurek D, Brown-James A. Sexual health history: techniques and tips. *Am Fam Physician* 2020;101(5):286-93. [PMID: 32109033] <https://pubmed.ncbi.nlm.nih.gov/32109033>
- Starup-Linde J, Rosendahl SB, Storgaard M, et al. Management of osteoporosis in patients living with HIV-a systematic review and meta-analysis. *J Acquir Immune Defic Syndr* 2020;83(1):1-8. [PMID: 31809356] <https://pubmed.ncbi.nlm.nih.gov/31809356>
- Yourman LC, Lee SJ, Schonberg MA, et al. Prognostic indices for older adults: a systematic review. *JAMA* 2012;307(2):182-92. [PMID: 22235089] <https://pubmed.ncbi.nlm.nih.gov/22235089>