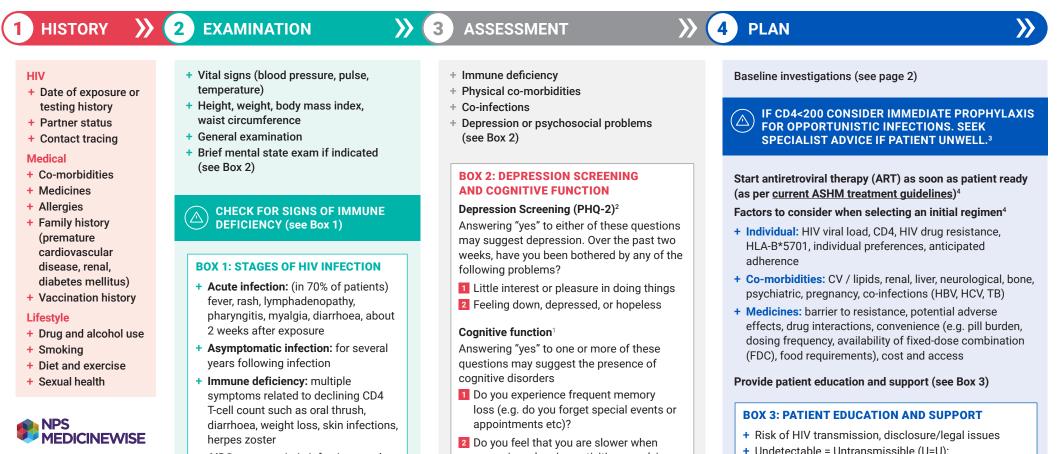
HIV Monitoring Tool: New Patient



Independent. Not-for-profit. Evidence-based.<u>www.nps.org.au</u>

NPS MedicineWise commissioned ASHM to independently develop this resource for its Quality use of ART for people living with HIV education program. The program was funded by an unconditional independent medical education grant from Gilead Sciences Pty Ltd to NPS MedicineWise former subsidiary VentureWise.

- AIDS: opportunistic infections such as Pneumocystis (carinii) jiroveci pneumonia, oesophageal candidiasis, cerebral toxoplasmosis and cancers such as Kaposi's sarcoma¹
- 2 Do you feel that you are slower when reasoning, planning activities or solving problems?
- 3 Do you have difficulties paying attention (e.g. to a conversation, book or movie)?
- + Undetectable = Untransmissible (U=U): www.ashm.org.au/resources
- + Treatment as Prevention (TasP)
- + Counsel and offer referral to local PLHIV service for peer support: <u>napwha.org.au/members</u>

For HIV testing and new diagnoses, refer to Decision-making in HIV: www.ashm.org.au/resources/HIV-Resources

References

- 1. EACS, European AIDS Clinical Society Guidelines, October 2018
- 2. Maurer, D. Screening for Depression, American Family Physician, January 2012
- 3. AIDSinfo, DHHS Guidelines for the Prevention and Treatment of Opportunistic Infections in HIV-Infected Adults and Adolescents, August 2019
- 4. ASHM, US DHHS Antiretroviral Guidelines with Australian Commentary, August 2019
- 5. RACGP, Guidelines for Preventative Activities in General Practice, 9th Edition 2018
- ASHA, Australian STI Management Guidelines, March 2018
 ATAGI Australian Immunisation Handbook
 - ATAGI Australian Immunisation Handbook, Australian Government Department of Health, Canberra, 2018

8. Cancer Council Australia, National Cervical Screening Program Guidelines, August 2018

9. ASHM, Anal Cancer in Men Living with HIN November 2016



HIV Monitoring Tool: Ongoing patient review



	ASSESSMENT	INITIAL	FREQUENCY	COMMENT
LUOTODV	ASSESSIMENT	INITIAL	FREQUENCT	COMIMENT
HISTORY				
Medical	Concomitant medicines ¹	+	Every visit	Review drug-drug interactions
	Side effects ¹	+		Review medication
	Adherence ¹	+		Adherence support
Psychosocial	Social & welfare ¹	+	Every visit	Counselling, treatment, referral
	Psychological morbidity ¹	+		Cap hay 2: U-U TapD Tapting partner
Sexual	Partner status, disclosure, contact tracing ¹	+	6-12 months	See box 3: U=U, TasP. Testing partner, children, consider Pre-exposure Prophylaxis (PrEP) for partners (only relevant if patient not on ART)
	Sexual function	+		Counselling, treatment, referral
	Conception, pregnancy ¹	+		Pregnancy testing, contraception review
Lifestyle	Smoking ^{1,5}	+	6-12 months	
	Nutrition ^{1,5}	+		Counselling, treatment, referral
	Alcohol and drug use ^{1,5}	+		
	Physical activity ^{1,5}	+		
HIV INVESTI	GATIONS			
	HIV viral load ^{1,4}	+	3-6 months	At start or change ART
HIV	CD4 count and % ^{1,4}	+	3-6 months	Annual if stable CD4
	Genotypic resistance test ^{1,4}	+		At virological failure
	HLA-B*5701 ^{1,4}	+		Before starting abacavir
CO-INFECTIO	ONS			
Immuno-	CD4 < 200 ³	+/-		Pneumocystis jiroveci Pneumonia (PJP) prophylaxis
suppressed	CD4 < 50 ³	+/-		Cryptococcus antigen, specialist review
Tuberculosis	CXR, Interferon Gamma Release Assay (IGRA) ¹	+/-		High TB risk
	Syphilis serology ^{1,6}	+	3-12 months	Depending on risk
	a			
STIs	Chlamydia ^{1,6}	+	months	Depending on risk
STIs	Chlamydia ^{1,6} Gonorrhoea ^{1,6}	+ +	months	Depending on risk
STIs	•		months	Depending on risk Vaccination 0, 6 months
STIs Viral Hepatitis	Gonorrhoea ^{1,6}	+	months Annual review	
Viral	Gonorrhoea ^{1,6} Hepatitis A serology ^{1,4} Hepatitis B serology: HBsAg,	+ +	Annual	Vaccination 0, 6 months
Viral Hepatitis	Gonorrhoea ^{1,6} Hepatitis A serology ^{1,4} Hepatitis B serology: HBsAg, anti-HBs, anti-HBc ^{1,4}	+ + +	Annual	Vaccination 0, 6 months Vaccination 0, 1, 6 months
Viral	Gonorrhoea ^{1,6} Hepatitis A serology ^{1,4} Hepatitis B serology: HBsAg, anti-HBs, anti-HBc ^{1,4} Hepatitis C serology ^{1,4}	+ + + +	Annual review	Vaccination 0, 6 months Vaccination 0, 1, 6 months Annual screen if risk

	ASSESSMENT	INITIAL	FREQUENCY	COMMENT				
CO-INFECTI	CO-INFECTIONS (CONTINUED)							
	Meningococcal B ^{3,7}	+	One course	Vaccination 0, 8 weeks				
Vaccination (continued)	Meningococcal ACWY ^{3,7}	+	5 years	Vaccination 1 only				
	Human papilloma virus ^{3,7}	+	One course	Vaccination, depending on age 0, 2, 6 months				
Serology and vaccination	Varicella serology ^{3,7}	+	Once	Vaccination 0, 4 weeks				
	Zoster vaccination ^{3,7}	+	One course	Vaccination - \geq 60, note cautions				
	Measles, mumps, rubella serology ^{3,7}	+	One course	Vaccination 0, 4 weeks				
Serology	Toxoplasmosis serology ^{3,7}	+		Serology				
	Cytomegalovirus serology ^{3,7}	+						
CO-MORBIDITIES								
Haematology	FBC ^{1,4}	+	3-12 months					
Weight	Weight, body mass index ¹	+	Annual					
CV risk	www.cvdcheck.org.au ^{1,5}	+	2 years	Men >40, women >45				
Hypertension	Blood pressure ¹	+	Annual					
Lipids	Fasting lipids ^{1,4}	+	Annual	TC, HDL, LDL, TG				
Glucose	Fasting glucose ^{1,4}	+	Annual					
Liver	Liver function tests ^{1,4}	+	3-12 months	At start or change ART				
Renal	eGFR ^{1,4}	+	3-12 months	At start or change ART				
	Urinalysis, protein / creatinine ratio ^{1,4}	+	Annual					
Bone	Calcium, phosphate, ALP ¹	+	6-12 months					
	FRAX score > 40 ¹ https://www.sheffield.ac.uk/ FRAX/tool.aspx	+	2 years	Consider Dual-energy X-ray Absorptiometry (DXA)				
	25(OH) vitamin D ¹	+	As indicated	Screen if at risk				
Cognitive	Screening questionnaire ¹	+	As indicated	Screen if at risk (Box 1)				
Depression	Screening questionnaire ²	+	As indicated	Screen if at risk (Box 1)				
Cancer	Cervical cancer ⁸	+	3 years	HPV testing				
	Colon cancer ⁵	+	2 years	> 50 Faecal Occult Blood Test (FOBT) or colonoscopy				
	Breast cancer⁵	+	2 years	> 50 mammogram				
	Prostate cancer ⁵	+	2 years	> 50 consider PSA				
	Skin cancer ⁵	+	Opportunistic	> 40 examination if high risk				
	Anal cancer ⁹	+	Annual	 > 50 Digital Ano-Rectal Examination (DARE) 				

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