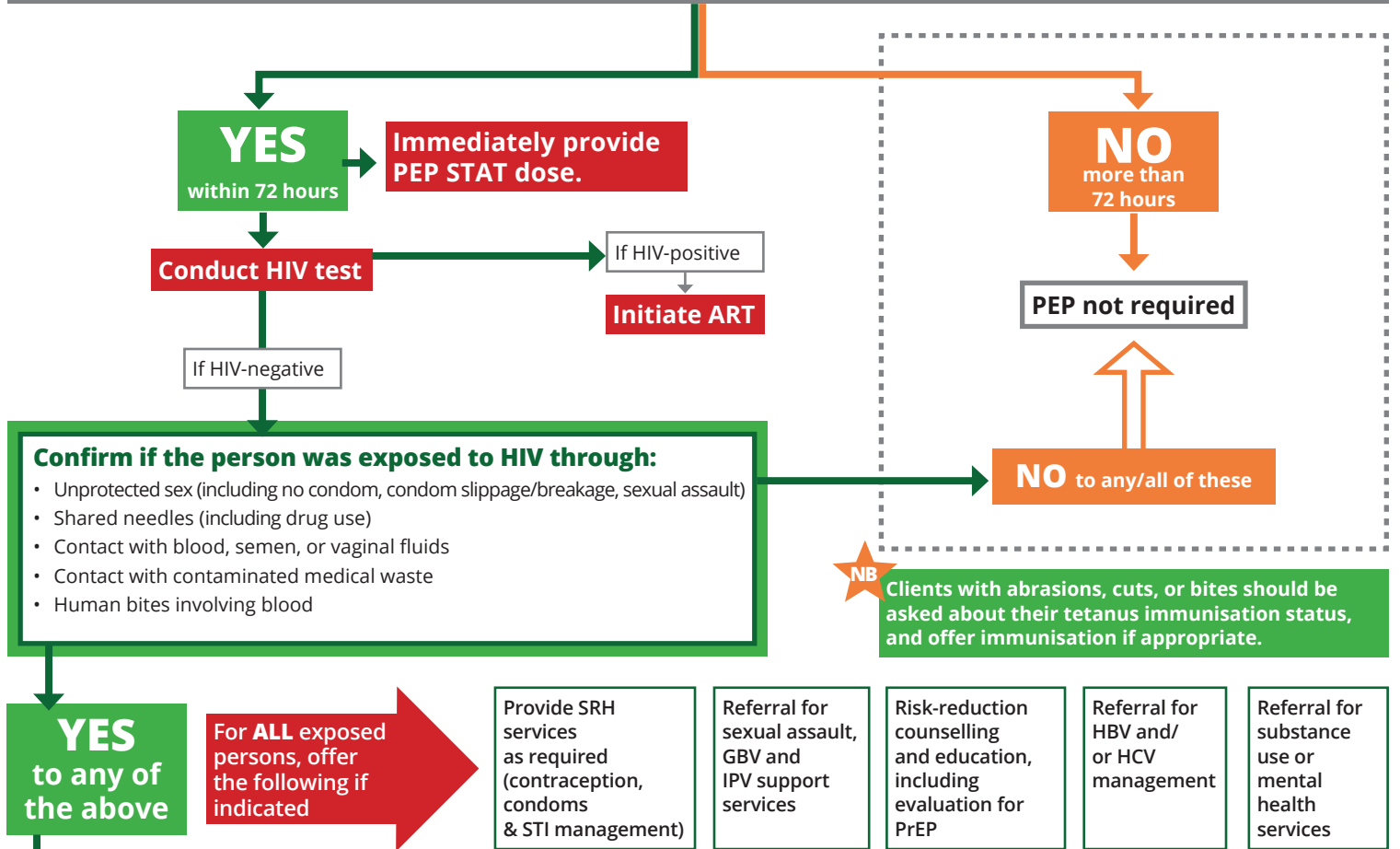


Clinical Algorithm

JOB AID

for Initiation of **HIV Post Exposure Prophylaxis (PEP)** for HIV prevention

Did potential exposure to HIV occur in the past 72 hours?



Continue 28-day PEP DO NOT WAIT FOR LABORATORY BLOOD TEST RESULTS

PEP Drug Regimen
Adults and children ≥10 years
If weight is ≥35kg: TDF 300mg + 3TC 300mg + DTG 50mg, once daily as TLD
<i>(add additional DTG 50mg, 12 hourly if on TB treatment or any other enzyme-inducing treatment)</i>

Tests for source person
Baseline tests
HIV rapid test (or ELISA if available)
<ul style="list-style-type: none"> If negative → DISCONTINUE PEP for exposed individual If positive → CONTINUE PEP for exposed individual
Other baseline tests if available or required as per guidelines
Hepatitis B sAg
Hepatitis C Ab
Syphilis
STI screening

Tests for exposed person	Base-line	4 weeks	12 weeks
HIV rapid test (or ELISA if available)	X	X	X
Other tests if available or required as per guidelines			
Creatinine (eGFR) if TDF is used			
Full blood count, if AZT is used			
Pregnancy screening/test			
Hepatitis B sAg/Ab			
Hepatitis C Ab			
Syphilis			
STI screening			

TDF - tenofovir DTG - dolutegravir AZT - zidovudine TLD - tenofovir disoproxil, lamivudine & dolutegravir 3TC - lamivudine

Follow-up arrangements
Contact the exposed individual within 48 hours to assess medication tolerance, adherence and assist with adverse effect management, as indicated.

PEP Alternative Regimens

Consult with virologist/infectious disease specialist.

REASON for alternative to preferred regimen	ALTERNATIVE REGIMEN
AGE ≥ 10YRS AND ≥35KG	
DTG contra-indicated or intolerable	TDF (300mg) + FTC 200mg) daily PLUS ATV/r (300/100mg) daily OR LPV/r (200/50mg) 2 tablets twice daily
Source patient failing TDF based regimen Consult with virologist/ infectious disease specialist	AZT/3TC (300/150mg) bd + DTG 50mg daily
TDF contra-indicated- eGFR 10-50mls/min	AZT 300mg bd + 3TC 150mg daily + DTG 50mg daily
TDF contra-indicated- eGFR <10mls/min	AZT 300mg daily + 3TC 50mg daily + DTG 50mg daily
Source patient failing AZT based regimen	TDF (300mg) + 3TC (200mg) + DTG 50mg daily (TLD)
Source patient failing LPV/r regimen	Consult with virologist/ infectious disease specialist