

# HEALTHCARE OCCUPATIONAL EXPOSURE

## General considerations

- These guidelines should take into account the individual context to provide the best response to each situation
- If **recommended**, the treatment of choice is triple therapy unless specified. Double therapy with 2 NRTI could be used in some circumstances (drug intolerance,...) in those situations where PEP is **considered**
- The treatment has to start the earliest possible and not later than 72 hours
- The duration of treatment is 28 days
- In case of patient source known to be infected by HIV, adapt the choice of therapy to the genotype of patient source if available
- Do not use ABACAVIR, or NEVIRAPINE (risk of hypersensitivity reaction)
- If EFVIRENZ is needed possibility of pregnancy should be excluded

## Percutaneous exposure to high risk fluids

( High risk fluids : blood, semen, genital secretions, pericardial, pleural, cerebro-spinal, peritoneal, amniotic, other fluid with visible blood)

Source	Type of exposure		
	<b>high risk:</b> large- bore hollow visible blood on device deep puncture needle used in patient's artery or vein	<b>intermediary risk:</b> solid needle scalpel	<b>low risk</b> superficial puncture other situations
HIV with detectable viral load or lack of recent viral load	Recommend	Recommend (3)	Consider (4)
HIV with stable and confirmed undetectable viral load	Recommend	Consider (4)	Consider (4)
HIV status unknown from <b>high</b> prevalence group (1) /area (2)	Recommend if rapid HIV test in source not available	Recommend if rapid HIV test in source not available	Consider if rapid HIV test in source not available
HIV status unknown from <b>low or unknown</b> prevalence group (1)/ area (2)	Consider if rapid HIV test in source not available	Consider if rapid HIV test in source not available	Discourage
Abandoned needle stick in health care settings	Consider if in settings in which exposure to HIV infected persons is likely	Consider if in settings in which exposure to HIV infected persons is likely	Discourage

- (1) High prevalence group :
- Homo - bisexual men
  - IV drug users
  - Prostitutes (M + F)
  - Sex groups (more than 3 individuals)
  - History of sexually transmitted infection(s)
  - Multiple sexual partners
  - (ex) Prisoners

(2) Area with high HIV prevalence : > 2 % in the general population ( see <http://www.unaids.org/en/KnowledgeCentre/HIVData/Epidemiology>)

(3) Consider stopping treatment or continuing with double NRTI therapy if undetectable viral load at the time of exposure

(4) Double NRTI therapy may be used



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