

# HIV Opportunistic Infections & Prophylaxis: Case Discussion

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# Scenario 1

A 35 year old man presents with newly diagnosed HIV. He has a CD4 count of 48 cells/mm<sup>3</sup>. Which infections is he at risk of? Which agents should you use for prophylaxis against opportunistic infections?

His new girlfriend tested HIV negative but they are still sexually active and not using barrier methods of contraception. She wants to use pre-exposure prophylaxis against HIV. Does she qualify? Which agents should you use? How will you monitor her?

## Scenario 2

A 6 year old boy was playing at school in the sandpit and got a needlestick injury from a needle discarded there by an IV drug user. The distressed mother brings him to casualty and shows you a 26G hypodermic needle. She wants to know if he needs to take PEP. What do you do?

# Scenario 3

A 24 year old medical student is assisting in caesar theatre and gets a blood splash in her eye. The patient is an unbooked primigravida at 36 weeks. She is HIV unknown and refuses to let you test her for HIV. The student is panicking and you are called to calm them down and she asks you if she needs PEP. How do you manage this situation?