

# HIV co-infections: TB, HCV and HBV

## Self-assessment quiz

Test your knowledge and understanding by completing this quiz. You could do this before reading the article and then return to it afterwards to see how much you have learnt.

Add the completed quiz to your professional portfolio as evidence of your learning and remember to record the CPD hours spent.

1. *Mycobacterium tuberculosis* (MTB) infects what proportion of the world's population?
  - (a) Approximately 33%
  - (b) Approximately 20%
  - (c) Approximately 10%
  - (d) Approximately 55%
2. Which of the following statements are true? (tick all that apply)
  - (a) Extensively drug-resistant TB is classified as MTB resistant to two or more drugs
  - (b) Multidrug resistant TB is decreasing in European countries
  - (c) Reactivation of latent TB is the most common cause of active TB disease seen in the UK
  - (d) BCG vaccination is highly effective at preventing primary TB infection
3. A negative Mantoux test may suggest which of the following scenarios? (tick all that apply)
  - (a) Latent TB infection
  - (b) The individual has been previously vaccinated against TB
  - (c) Very recent infection with TB
  - (d) The individual is taking corticosteroids
4. In those with MTB and HIV co-infection, is the following statement true or false?  
A rapidly declining CD4 count enhances susceptibility to reactivation of latent TB disease.  
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  - (a) True
  - (b) False
5. Which of the following statements are true of hepatitis C (HCV)? (tick all that apply)
  - (a) There is an epidemic of HCV in the UK and Western Europe amongst MSM
  - (b) African countries have the highest prevalence of HCV infection
  - (c) PLWH who have spontaneously cleared HCV infection, should be offered HCV-PCR every 5 years
  - (d) Direct-acting antiviral medication is taken orally for up to 48 weeks, depending on the HCV genotype and severity of liver disease
6. HCV co-infection is believed to affect approximately what percentage of PLWH?
  - (a) 80%
  - (b) 30%
  - (c) 5%
  - (d) 15%
7. In relation to Hepatitis B (HBV), is the following statement true or false?  
For up to 50% of people infected with HBV the disease is self-limiting and they will clear the virus spontaneously.  
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  - (a) True
  - (b) False
8. For PLWH who require treatment for HBV, a regimen containing which of the following drugs is recommended? (tick all that apply)
  - (a) Efavirenz
  - (b) Atazanavir
  - (c) Tenofovir
  - (d) Lamivudine
9. In relation to HBV, is the following statement true or false?  
Antiviral treatment for HBV is usually lifelong.  
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  - (a) True
  - (b) False
10. Which of the following statements are true?
  - (a) All PLWH should be screened at diagnosis for HBV and HCV markers
  - (b) Vaccination for HBV is contraindicated in people with HCV
  - (c) People with active HBV should avoid drinking alcohol
  - (d) PLWH should be screened annually for HBV