

CME Exam and Evaluation (1 CME credit)

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2. Educational questions. Answer by marking the correct answer.

1. Which of the following statements is true?

The median time to culture conversion ranges from 58 to 99 days in MDR-TB cases. The median time to culture conversion is unknown in MDR-TB cases. The median time to culture conversion ranges from 241 to 300 days in MDR-TB cases. The median time to culture conversion is not different in MDR-TB and XDR cases.

2. Which of the following statements is true?

M. tuberculosis strains were resistant to a mean or median of two and four drugs in patients diagnosed as MDR- and XDR-TB, respectively. *M. tuberculosis* strains were resistant to a mean or median of five and eight drugs in patients diagnosed as MDR- and XDR-TB, respectively. *M. tuberculosis* strains were resistant to a mean or median of eight and five drugs in patients diagnosed as MDR- and XDR-TB, respectively. *M. tuberculosis* strains were resistant to a mean or median of three and five drugs in patients diagnosed as MDR- and XDR-TB, respectively.

3. Which of the following statements is true?

The proportion of XDR-TB cases failing their treatment ranged from 0.6% to 21%. The proportion of XDR-TB cases failing their treatment ranged from 85.4% to 92.6%. The proportion of XDR-TB cases failing their treatment ranged from 10.4% to 31%. The proportion of XDR-TB cases failing their treatment was significantly reduced versus MDR-TB cases.

4. In the study by GANDHI *et al.* [9], the median survival time of XDR-TB cases among HIV-infected individuals was:

60 days. 16 days. 4 months. 5 months.

5. Higher success rates among XDR-TB patients were associated with:

The use of surgery and radiotherapy. The use of linezolid. The use of surgery. The use of surgery and linezolid.

6. In the study by MIGLIORI *et al.* [11], the relative risk for death due to XDR-TB (compared with MDR-TB) was:

5.5. 1.8. 10.6. 8.4.