

- Previous exposure to anti-TB treatment
- Selection by poor quality of drugs
- Treatment in poorly performing control program
- Treatment not directly observed by a health worker
- Interruption of treatment at least a day
- Drug side effects during treatment

Wild type strain

MDR-TB strain

Host related factors

Host related factors

Exposure and Infection

Diseases

- Duration of treatment between 2 and 7 months
- Failure of first-line short course chemotherapy
- Being male sex
- HIV/AIDS
- Mal-absorption
- 1+ bacterial load

Environmental Andsocial factors

Environmental and social factors

