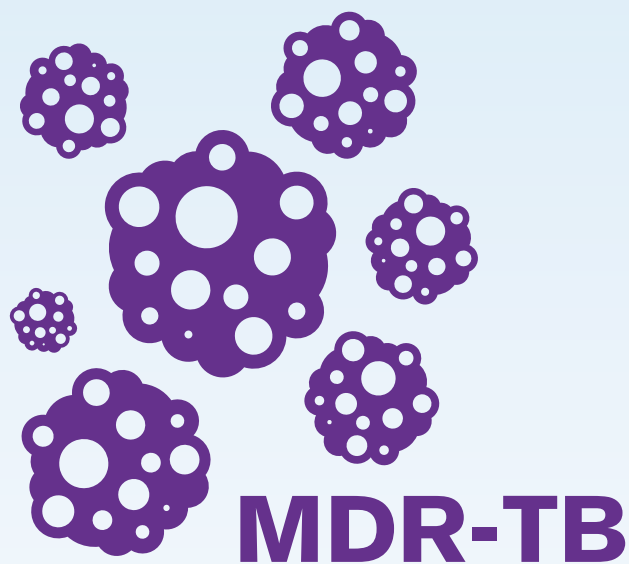


# MDR-TB

## What is Multi-Drug Resistant Tuberculosis (MDR-TB) and Why Are Better Treatment Options Needed?



**MDR-TB**

A form of TB caused by bacteria not responsive to the standard first-line TB treatment<sup>2</sup>



Requires a 24-month regimen with up to six second-line drugs<sup>2,3</sup>



Strains are very difficult and costly to treat<sup>2</sup>



Caused by inappropriate or incorrect use of anti-TB drugs and/or poor quality medicines<sup>2</sup>



Treatment is complex and requires specialized centers, posing a severe burden on patients and health systems<sup>2</sup>

### MDR-TB Fast Facts

**480,000**

New global cases in 2013<sup>4</sup>

OVER  
**50**  
PERCENT

Of MDR-TB cases occurred in China, India and the Russian Federation<sup>1</sup>

**97,000**

Of MDR-TB patients worldwide were enrolled in treatment in 2013<sup>4</sup>

#### References:

1. World Health Organization. Tuberculosis: fact sheet no. 104. <http://www.who.int/mediacentre/factsheets/fs104/en/> Last accessed February 2015.
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3. Caminero JA. Management of multidrug-resistant tuberculosis and patients in retreatment. *Eur Respir J*. 2005;25:928-36.
4. World Health Organization. Multidrug-resistant tuberculosis (MDR-TB), updated 2014. [http://www.who.int/tb/challenges/mdr/mdr\\_tb\\_factsheet.pdf](http://www.who.int/tb/challenges/mdr/mdr_tb_factsheet.pdf) Last accessed February 2015