**Extensively drug resistant Tuberculosis**

* A tuberculosis that is resistant to most effective anti **TB** drugs.
* It is resistant to first and second line drugs.
* First line drugs are ionized and rifampin used to treat ***TB patients***. If this first line drugs are misused **MDR-TB** develop. **MDR-TB** is treated with second line drugs like fluoroquiniones, amikacin, kamamvcin, or capremycin But when a patient that is within **MDR-TB** misused the second line drug Extensively drug resistant **TB** develop.

**Spread of XDR TB**

* **XDR TB-** is spread when a person infected with **TB** germ coughs, sneezes, speaks or sings. This germ float in to the air and when other person inhales the **TB** germ containing air, the person is infected.
* It is not spread by – shaking hand

-- Kissing

-- Sharing food and drink

--Sharing tooth brushes

* The person Infected by **TV TB** germ is not necessarily develop the disease. **TV** bacteria germ that cause the **TB** is normally dromant. But when our Immune system weaken by other Infection such as **HIV**, the person is more likely to develop **TB** disease.
* **TV** main have high risk of getting **CDR-TB** than women
* It is revealed that individual , who hare above 65 age are less likely infected by **XDR-TB**

**Treatment**

* Its treatment is the same as **MDR-TB,** The treatment extensive chemotherapy up to two years.

**XDR-TB** is much highly mortality rate than **MDR-TB** Because of a reduced number of effective treatment options. **TV** successful out come depend on a number of factors including the extent of the drug resistance, the severity of diseases and wether the patients Immune system is compromised. Effective treatment requires that all six classes of second- line drugs be available to clinicians who have special expertise in treating such case.

**Prevention**

* Proper management of **anti-TB** drugs
* Providing support to patients to maximize adherence to prescribed regimens
* Minimizing contact with other patients, especially those patients with **HIV**.