

24 March - 2023

GS-2 - Health.

1. India has the perfect platform to enable the world to get to the end of Tuberculosis effectively. Do you agree with This view?

Tuberculosis is caused by Mycobacterium tuberculosis.

one of potent global health threat. India being 920th president has perfect platform to enable world get to end the tuberculosis. 'Stop tuberculosis campaign' stravanes is in the right direction.

India - Status - tuberculosis.

Estimate shows $\rightarrow$ India - amount for 25% of
Global tuberculosis cases $\rightarrow$ with >4,00,000 being killed
annually.

Initiatives taken @ global & national level

Global Level

1. World ^{health} development report - by World Health Organization (1993) - focus on adult tuberculosis - will be sustainable to end tuberculosis.

2. Global target $\Rightarrow$ By 2030 $\rightarrow$ $\left\{ \begin{array}{l} 80\% - \text{Incidence} \\ 90\% - \text{Deaths} \end{array} \right.$
Eliminate cost of
households due to tuber-
culosis
3. Global Fund $\Rightarrow$ for ~~the~~ tuberculosis, malaria,
Human immune deficiency virus

National Level

1. National strategy to end tuberculosis → kept target at 2025 to end tuberculosis → through multipronged approaches

2. Pradhan Mantri tuberculosis Mukt Bharat

↓
Bring all stakeholders of tuberculosis prevention and accelerate progress towards Ending tuberculosis

3. Bedaquiline → Antituberculosis drug - was made available to all affected patients.

Challenges

1. poor services - Healthcare infra ^{at} Rural areas.

2. unregulated, private → irrational use of 1st & 2nd line drugs

3. Multi drug resistance → against Isoniazid
Rifampicine - 2 potent tuberculosis drugs.

Way forward:

India being G20 president & RFA being G7 president
can come together → focus on key strategies like
Adult vaccination, new therapeutic instruments

like innovative injectables → oral tuberculosis drugs
and Artificial Intelligence based radiology ^{radiology} diagnostics - with
95% accuracy within 40 seconds. Holding crucial
position in perfect platform will help to further both India's & Global
progress