



India's TB Diagnostics Tech Wins Acclaim at WHA

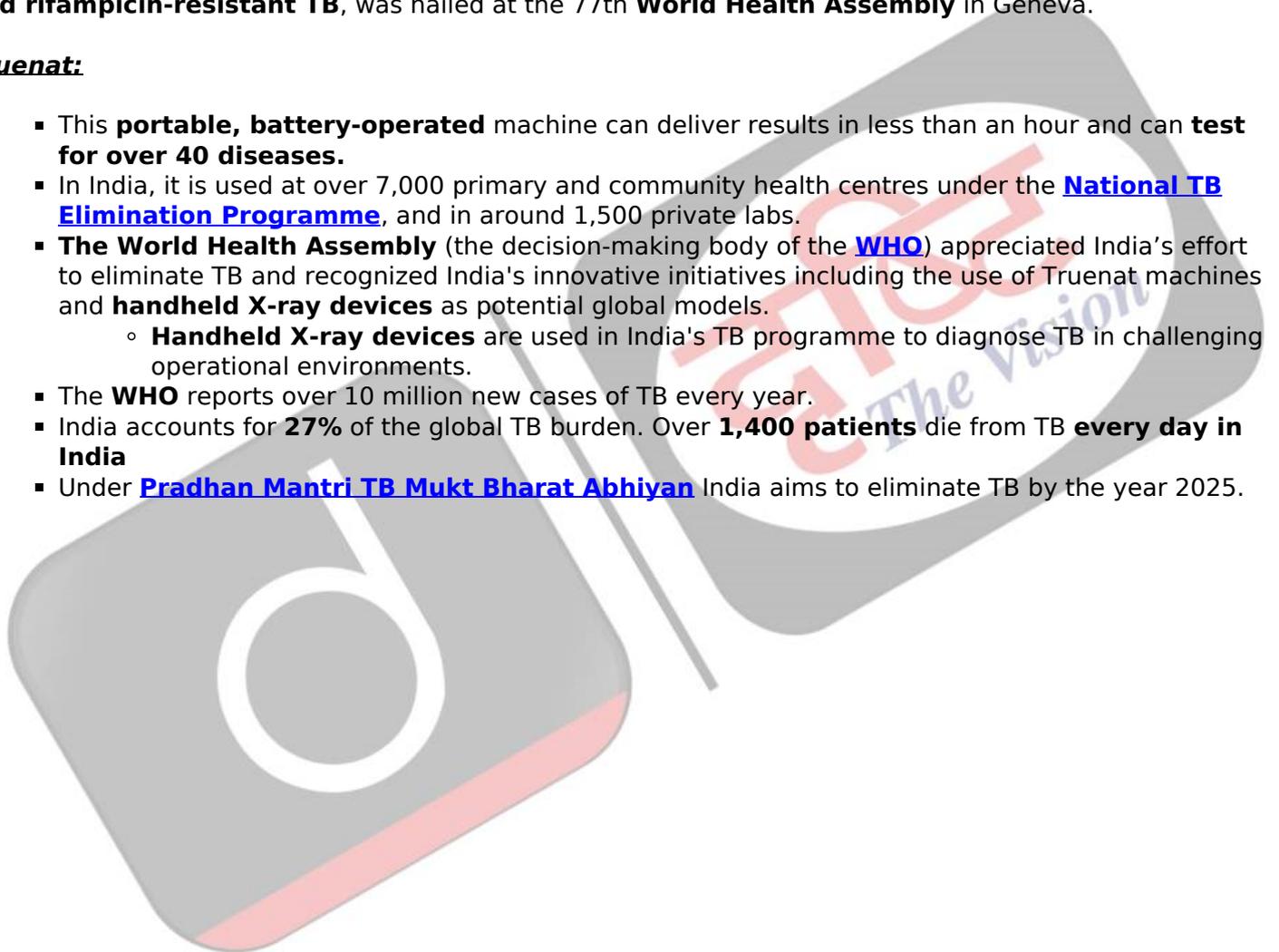
[Source: TH](#)

Recently, the **Truenat**, a rapid **molecular diagnostic test** for **pulmonary and extrapulmonary TB and rifampicin-resistant TB**, was hailed at the 77th **World Health Assembly** in Geneva.

Truenat:

- This **portable, battery-operated** machine can deliver results in less than an hour and can **test for over 40 diseases**.
- In India, it is used at over 7,000 primary and community health centres under the [National TB Elimination Programme](#), and in around 1,500 private labs.
- **The World Health Assembly** (the decision-making body of the [WHO](#)) appreciated India's effort to eliminate TB and recognized India's innovative initiatives including the use of Truenat machines and **handheld X-ray devices** as potential global models.
 - **Handheld X-ray devices** are used in India's TB programme to diagnose TB in challenging operational environments.
- The **WHO** reports over 10 million new cases of TB every year.
- India accounts for **27%** of the global TB burden. Over **1,400 patients** die from TB **every day in India**
- Under [Pradhan Mantri TB Mukt Bharat Abhiyan](#) India aims to eliminate TB by the year 2025.

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Tuberculosis

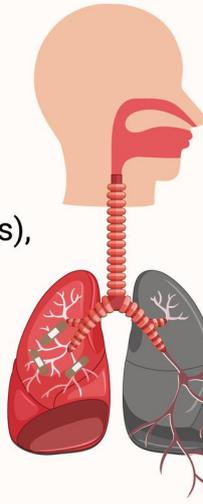


Drishti IAS

Tuberculosis (TB) is an infectious disease that affects the lungs.
Tuberculosis is preventable and curable.

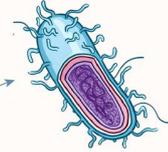
Prevention

- Seek medical intervention if symptoms persist
- If at a higher risk (HIV patients), get tested for TB.
- Practice good cough hygiene: Wear a mask and avoid contact



Causes:

- *Mycobacterium tuberculosis*
- Coughing droplets
- Prolonged exposure from a patient



Symptoms of TB:

- Chest pain
- Weakness
- Weight loss
- Fever
- Night sweats
- Prolonged cough

Facts

- 1.6 million deaths in 2021 Worldwide
- 13th leading cause of death
- India aims to achieve the UN's TB-related SDGs by 2025, five years ahead of the global target to end the TB epidemic by 2030.

#Tuberculosis

Ni-kshay Programme

- Nikshay Mitra are individuals or groups who adopt one TB patient for their treatment for a period of 6 months
- Provision of free drugs and diagnostics
- Ni-kshay Poshan Yojana for nutritional support to TB patients

Read more: [Pradhan Mantri TB Mukh Bharat Abhiyan](#), [India TB Report 2024](#)

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