

# PRABHA IAS IPS COACHING ACADEMY



Recently, India announced that it has supplied 13 tonnes of Bacille Calmette-Guerin (BCG) vaccines to Afghanistan.

## **Bacille Calmette-Guerin (BCG) Vaccine**

It is the live attenuated vaccine form of *Mycobacterium bovis*.

It is used to prevent tuberculosis and other mycobacterial infections.

Developed By: It was developed by Calmette and Guérin and was first administered to human beings in 1921.

It is the only vaccine against tuberculosis.

### **Other Uses**

It is the most widely administered vaccine and usually a part of the routine newborn immunization schedule.

It also offers protection against non-tuberculous mycobacterial infections like leprosy and Buruli ulcer.

It is also used in the treatment of superficial carcinoma of the bladder.

The vaccine is administered intradermally.

BCG vaccine should be stored and transported between +2 °C and +8°C.

It has two components, a freeze-dried vaccine and a diluent to be used to reconstitute the vaccine, presented in amber glass ampoules and colourless ampoules respectively.