

Annexure 2: Guidance on use of Vaccine Vial Monitor (VVM) on Cy-Tb vials

Vaccine Vial Monitors (VVMs) are part of the label of Cy-Tb vials to be supplied under National Elimination Programme. VVM is used for vaccines under the universal immunization programme and it indicates the cumulative exposure to heat. It warns the end user when exposure to heat is likely to have degraded the vaccine beyond an acceptable level.

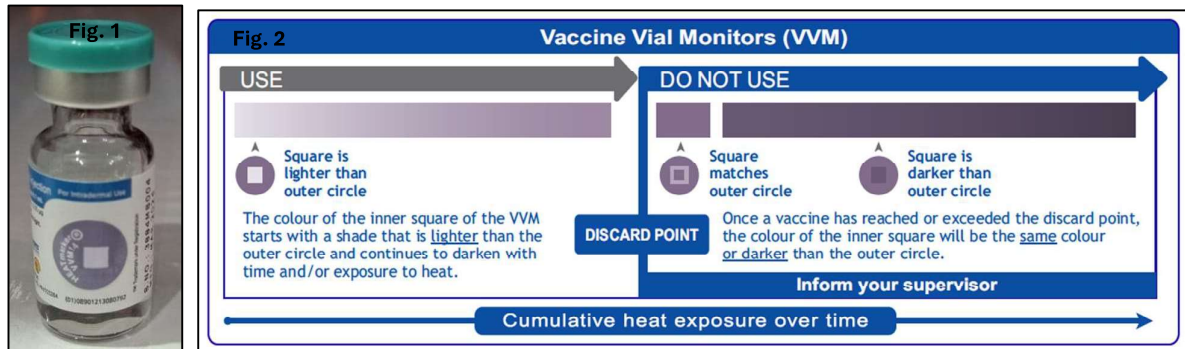


Figure 1: Image of Cy-Tb vial with vaccine vial monitor on the label

Figure 2: how to interpret Vaccine vial monitor indicator on Cy-Tb vial

Use and interpretation of VVM is simple.

- Focus on the central square. Its colour will change progressively on exposure to temperature beyond the indicated value.
- If the colour of this square is lighter than the colour of the outer circle, then the vial can be used. As soon as the colour of the central square is the same colour as the outer circle or of a darker colour than the outer circle, then the vial should be discarded as per laid down bio-medical waste management (BMW) guidelines.
- Once open, the vial can be used for up to 28 days provided it has not expired, maintained the storage in 2-8°C and the Vaccine Vial Monitor (VVM) has not reached the discard point.