

Clinic-on-Two-Wheels Mobile Units

The Clinic-on-Two-Wheels (CoTW) is a mobile healthcare model designed to reach villages where fixed health facilities are limited or hard to access. Functioning as an extension of the Digital Health Centre (DHC), each CoTW unit serves a cluster of surrounding villages along a defined route, ensuring regular and predictable healthcare access.



Each mobile unit typically covers up to 12 villages, with every village receiving two healthcare visits each month. This structured routing allows communities to anticipate visits, plan follow-ups, and maintain continuity of care.

CoTW services are delivered from temporary community spaces such as ICDS centres, Anganwadis, or Panchayat Bhawans — familiar, accessible locations that encourage participation and trust.

The unit is operated by a certified Auxiliary Nurse Midwife (ANM) who travels on a two-wheeler equipped with medical supplies and digital tools. Through this setup, the ANM facilitates:

- Audio and video teleconsultations with qualified doctors
- Point-of-care diagnostics, including vital parameters and basic tests
- General and specialist consultations through telemedicine
- On-the-spot provision of essential medicines, wherever clinically appropriate

A key focus of the CoTW model is maternal and child health, alongside primary care and early identification of common illnesses. By bringing these services directly into villages, the model reduces long-distance travel, out-of-pocket expenses, and delays in seeking care — especially for women, children, and the elderly.

Lightweight, cost-efficient, and highly flexible, Clinic-on-Two-Wheels allows healthcare teams to reach more villages more frequently than traditional mobile vans, making it a practical and scalable solution for underserved and hard-to-reach communities.