

# Livelihood and healthcare for the far-flung villages of Kashmir

An Anjani Mashelkar Foundation (AMF) project in partnership with the Rouble Nagi Art Foundation (RNAF)

Srinagar & Amrohi, Kupwara, Jammu & Kashmir (23–28 July 2026)



*Initiated by Padma Vibhushan awardee Dr. R. A. Mashelkar (AMF) and Rouble Nagi (RNAF), this pilot combined AffEx's point-of-care digital screening technology with RNAF's grassroots networks. The initiative addresses the critical healthcare access gap in remote border/tribal areas where a basic check-up requires traveling 40+ minutes (over 10 km) to Tangdhar while establishing sustainable, independent livelihood opportunities for local women.*

## The AffEx Healthcare Screening Kit

Each compact, tech-enabled kit includes 6 screening devices/tools:

- **AI-Enabled Digital Stethoscope:** Detects cardiac murmurs (congenital and valvular heart disease).
- **AI-Enabled Non-Invasive Haemoglobinometer:** Measures blood haemoglobin levels.
- **Software-Based Lung Screening:** Checks for TB, COPD, and asthma.
- **Digital Blood Pressure Monitor:** Assesses hypertension and cardiovascular health.
- **Height & Weight Tools:** Evaluates Body Mass Index (BMI).
- **Digital Integration:** Generates a consolidated digital health report in under 10 minutes on a Government of India ABDM-compliant platform, linked with local government healthcare centers for patient referrals.

## Community Health Screening Model (4-Step Workflow)

- **Train:** Local women, girls, and teachers are trained on device operations and tablet registration.
- **Select:** Top performers are appointed as community screeners and master trainers.
- **Screen:** Field operators run village camps, registering patients and conducting full screenings.
- **Report:** ABDM-compliant reports are generated under 10 minutes, initiating medical follow-ups.



*Approximate distance/travel time to the nearest hospital in Tangdhar from Amrohi (Kupwara)*

## Key Field Engagements & Outcomes

- **30+ Women & Girls Trained:** Upskilled across two field centers over six days.
- **Srinagar (24–25 July) — Islamic Educational Institute:** 17–18 mothers and 6–7 teachers trained. The teaching staff will serve as master/super trainers to scale training within the community.
- **Amrohi, Karnah (26–28 July) — Panchayat Bhavan:** Focused on Gujjar and Bakarwal tribal communities (supporting GoI DA-JGUA initiatives). 11–13 college girls trained alongside local hospital health workers (CHO and FMPHW); **5 lead young women** were selected as primary field operators.
- **Sustained Deployment:** Two AffEx kits remain active in the field—one at the Srinagar school and one at the Amrohi Panchayat hall—enabling continuous screening, medical referrals, and local income generation.

