

**IMPACT OF COMMUNITY
HEALTHWORKERS SUPPORT ON TB
OUTCOMES IN KIRINYAGA CENTRAL
DISTRICT**

MWENDA F

**District TB & Leprosy coordinator
Kirinyaga district,
Kenya**

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INTRODUCTION

- TB remains a great challenge in Kenya despite much efforts made by the Government.
- Strict DOT's is observed which has burdened health staffs.
- Poor adherence to TB medication is a hindrance to effective TB control.
- Community strategy introduction ensures that the community is actively involved in health activities. L1
- CHW support came from GF through CSO's- KEC & NAWHO.

Slide 2

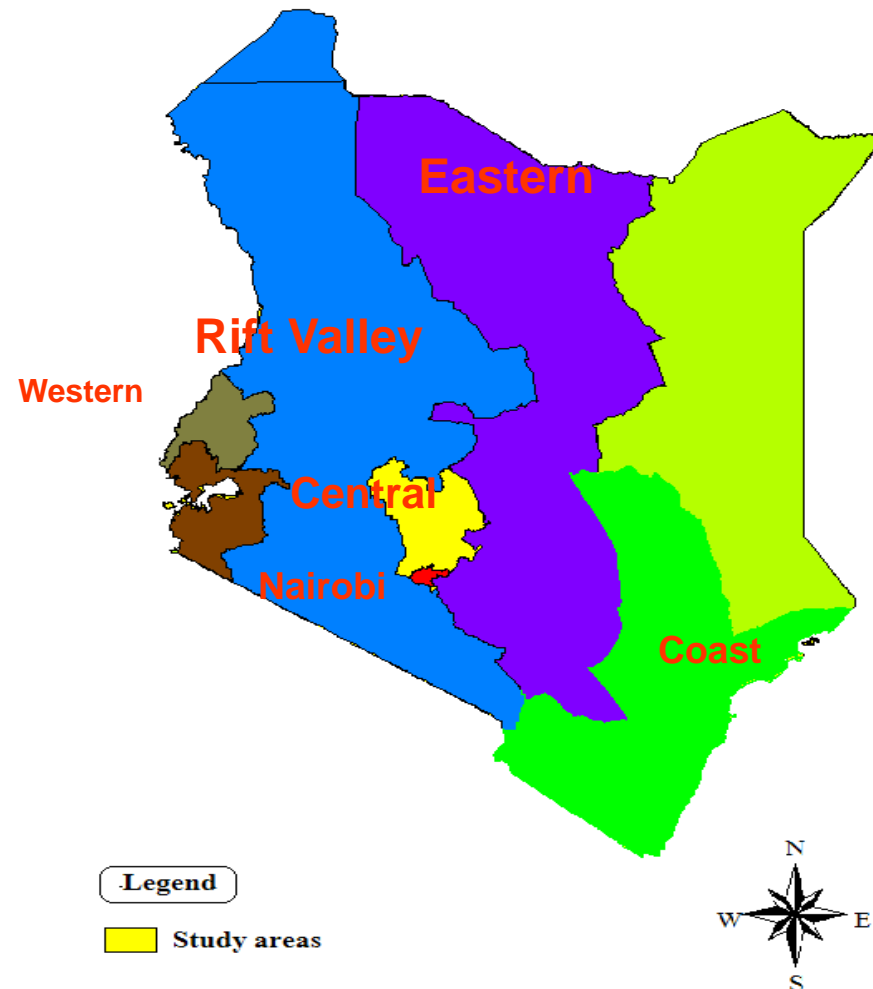
L1

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LNdegwa, 14/2/2011

Map of Kenya showing study area

- Kirinyaga County is located between latitude 1° and 4° south and longitude 37° and 38° East.
- It has a surface area of 1,478km² which is 11.2% of former Central Province and 0.3% of Kenya.
- Kirinyaga had the highest defaulter rate low cure rate for TB in central province



OBJECTIVE

- **To demonstrate that community involvement and support is key to TB control.**

METHODS

- **Community involvement in TB care was enhanced by formation of community units in 2008.**
- **Training of C.H.E.W.'s(Community Health Extension Worker) and C.H.W's(Community Health Worker) was done in the district with the DTLC actively involved.**
- **TB disease was also covered in these training through sponsorship of various partners.**
- **The CHWs assisted in offering DOTs, sputum collection from MDR TB suspects, health education on TB, contact and defaulter tracing.**
- **Good record keeping was also done.**

CHEW AND CHW ATTENDING A NEW TB PATIENT



RESULTS

| YEAR | CASE FINDING | CURE RATE | DEFAULT ER RATE | SUCCESS RATE | MDR SURVEILLANCE |
|------|--------------|-----------|-----------------|--------------|------------------|
| 2011 | 34 | 74% | 11.1% | 86% | 10% |
| 2012 | 42 | 86% | 4% | 90% | 96% |

CONCLUSION

- **Community involvement improves TB outcomes**
- **Community involvement helps in preventing defaulters.**
- **Enhances decentralization of services and reduce heavy work load among the health workers.**
- **Can be replicated in other Districts with support of CHWs at minimal additional costs.**

Recommendations

- **Support/motivation of CHWs can improve TB control at the community level.**
- **There is need to broaden the CHW training to maximize their services on TB management.**
- **Every TB treatment centre needs to have at least one CHW.**

