Improving HIV/TB Data Quality and Reporting Through a Point-of-Care Electronic Medical Record System: Experience From Kagadi Hospital, Mid-Western Uganda

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Background

- Accurate HIV/TB data are essential for monitoring treatment outcomes and improving service delivery.
- Before April 2022, Kagadi Hospital used a hybrid paper-based and retrospective EMR data capture.
- *A Point-of-Care (PoC) EMR system was introduced to improve real-time data capture, reporting, and data use.*

OUR JOURNEY

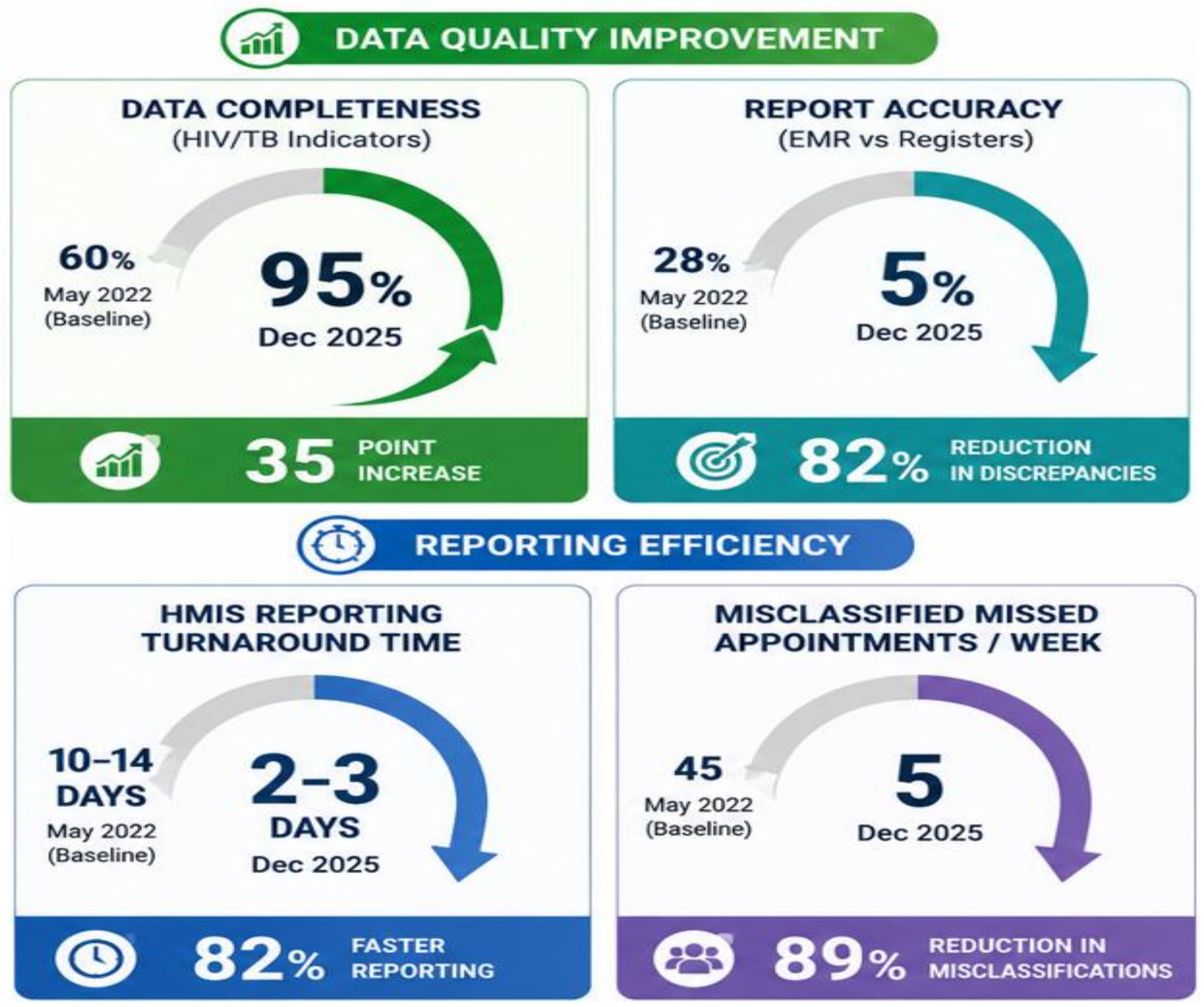
Pre-Implementation
- Paper-based & retrospective EMR
- Data backlog
- Missing data
- Delayed reporting

Implementation
- ✓ PoC EMR System deployed across service points (triage, clinical rooms, lab, pharmacy)
- ✓ Staff trained and workflow optimized

Quality and use
- ✓ CQI
- ✓ Mentorships
- ✓ Audits and dashboards drive data quality & use

Sustained impact
- ✓ Better data
- ✓ Faster reporting
- ✓ Improved client care
- ✓ Stronger programs

Lessons



A Point-of-Care EMR System Transforms **Data** into **Action** and Action into **IMPACT**

BEYOND NUMBERS: REAL IMPACT

REAL-TIME VISIBILITY
Dashboards enable instant insights and service gaps identification

BETTER DECISION
Accurate data informs action at facility and district level

IMPROVED ACCOUNTABILITY
High-quality data drives performance and strengthens reporting integrity

BETTER CLIENT CARE
Timely data supports continuity of care and reduces missed appointments

STRONGER PROGRAMS
Evidence-based planning advances HIV/TB epidemic control

Success Factors

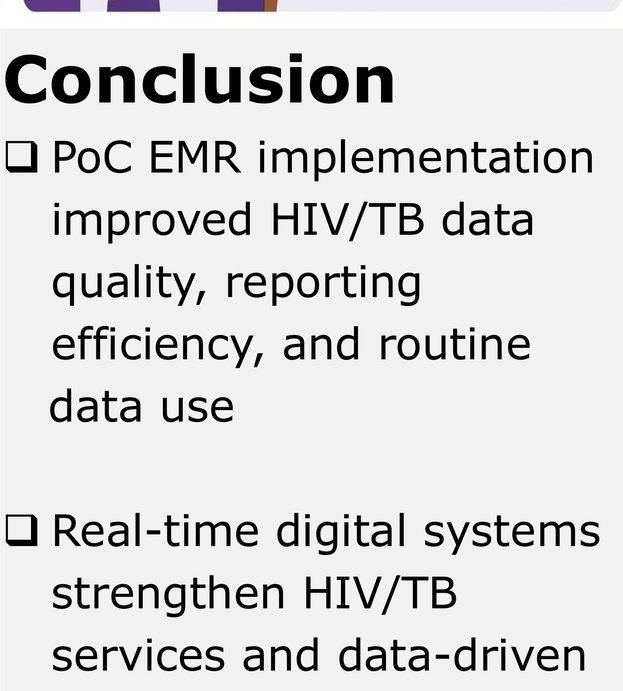
- Routine mentorship and technical support
- District and Hospital leadership
- Staff engagement and ownership
- Continuous data quality assessments

KEY CHALLENGES

Conclusion

- PoC EMR implementation improved HIV/TB data quality, reporting efficiency, and routine data use
- Real-time digital systems strengthen HIV/TB services and data-driven decision-making.

NEXT STEPS



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Contact me

Access poster

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