



MedFix Solution

Powering Reliable Care. Protecting Every Patient.

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Problem



Up to 40–70% of medical devices in low-resource facilities are non-functional



Replacement is expensive and often delayed



Repair infrastructure is fragmented or absent



Functional equipment is lost to neglect, lack of parts, and lack of technical knowledge



Our Circular Vision



Instead of disposal and replacement, we enable **repair, refurbishment, reuse, and prevention.**



MedFix Circular Program:

Extends equipment life cycles

Reduces medical waste

Optimizes budgets

Ensures continuous patient care

We shift systems from **break → replace**
to **use → repair → maintain → reuse → sustain.**

What MedFix Delivers

Component	What we Do	Outcome
Repair & Refurbishment	On-site & lab-based restoration of malfunctioning equipment	Devices return to service faster
Preventive Maintenance Plans	Scheduled checks, calibrations & servicing	Equipment failure is anticipated, not reacted to
Spare Parts Ecosystem	Certified supply channels + inventory pooling	Reduced reliance on costly imports and delays
Capacity Building	Training biomedical technicians & facility staff	Skills remain locally embedded
Digital Maintenance Records	Asset history + performance tracking	Better decision-making and planning

How It Works



Facility Assessment & Inventory Mapping



Equipment Triage: Repair, Refurbish, or Upgrade



Maintenance & Calibration Cycles Initiated



Parts Replacement via Local Supplier Network



Training and On-Site Knowledge Transfer



Continuous Monitoring through Digital Logs



We create a **closed loop of reliability**.

Impact Created



longer lifespan of
critical medical
equipment



reduced operational costs — saving up to
40% vs replacement



**improved availability of
essential services**
(maternal, imaging, labs)



**reduction in electronic
and medical waste**



**strengthened health
workforce technical
capacity**

Why Ubuntu AfyaLink?

Our approach blends:

- Biomedical engineering expertise
- Human-centered design
- Scalable circular economy methods
- Local supply and talent ecosystems

Our Ask

To scale the **MedFix Circular Biomedical Equipment Program** and restore functionality in 100 primary and district healthcare facilities.

Scale impact: **500,000+ patients reached in 1 year**

Breakdown of funds:

- Refurbishment & Repair Lab Setup- \$35,000
- Technician Training & Certification Program- \$20,000
- Spare Parts & Refurbishment Inventory - \$25,000
- Digital Maintenance Tracking System Deployment- \$10,000
- Field Implementation & Monitoring\$10,000

