

# MEDICAL EQUIPMENT MODERNIZATION AND STANDARDIZATION NORTHERN HAITI

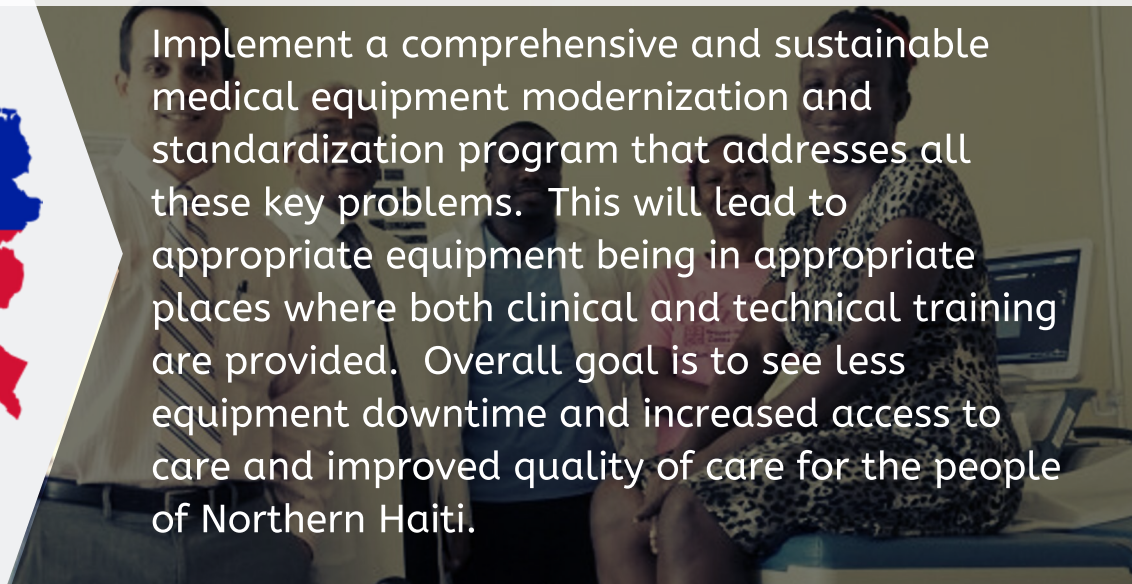
## The Challenge for Haiti:

- Limited financial resources.
- Lack of access to both basic and advanced diagnostic medical equipment.
- People are entering the healthcare system later when conditions are more severe.
- Constraints on the level of care due to the limited functionality of medical equipment.
- Lack of comprehensive equipment management programs leading to rooms full of broken equipment not able to help patients but taking up needed space.
- Random donor driven procurement practices resulting in facilities having inappropriate equipment.
- Donated equipment often comes without clinical or technical training or any plan for maintenance.

*...resulting in the lack of ability to adequately treat patients.*

## The Solution:

Implement a comprehensive and sustainable medical equipment modernization and standardization program that addresses all these key problems. This will lead to appropriate equipment being in appropriate places where both clinical and technical training are provided. Overall goal is to see less equipment downtime and increased access to care and improved quality of care for the people of Northern Haiti.



# MEDICAL EQUIPMENT MODERNIZATION AND STANDARDIZATION NORTHERN HAITI: Phase One

## Equipping The Caregivers

*(Through the end of 2019)*

Equip all participating Nord Est Department physicians and nurses working in smaller, community-based clinics with appropriate basic medical equipment along with both clinical and maintenance training to ensure the healthcare professional have the tools necessary for quality patient care and the ability to treat commonly encountered conditions like hypertension, diabetes, asthma, and respiratory infections. Metrics and indicators will be put in place and collected quarterly to measure the impact on numbers of patients that can be seen, diagnosed, appropriately referred, and treated in a timely manner. By collecting preliminary capacity data and quarterly data from participating healthcare providers the goal is to measure impact on access to care and quality of care as part of Continuous Quality Improvement (CQI) for this program. Based on results, plan is to formulate new partnerships and expand this program to rest of Haiti.

Note: All equipment selected for this program was either directly purchased in Haiti and/ or selected because it can be sustained with disposables from Haiti



## Kit Contents

- Otoscope /Ophthalmoscope
- Pulse oximeter
- Sphygmomanometer for adults and children
- Stethoscope
- Thermometer
- Nebulizer with tubing and albuterol
- Reflex hammer
- Blood glucose monitor with strips and lancets
- [relinkglobalhealth.org](http://relinkglobalhealth.org) Healthcare Facility Reference Directory

## Phase One Impact



5 Community Hospitals

38 Clinics



125 Physicians

249 Nurses



2500 Patients Daily

# MEDICAL EQUIPMENT MODERNIZATION AND STANDARDIZATION NORTHERN HAITI: Phase Two

## *Equipping the Facilities*

(Through 2020)

### Program Provides:

- Complete equipment inventory
- Strategic Planning to modernize and standardize critical medical equipment
- Preventative and ongoing maintenance services
- Standardized equipment at cost
- Quarterly inspections and trainings from North American Bio-medical technicians
- Ongoing training for Haitian Bio-medical technicians
- Clinical training on all new devices introduced to facility
- Technical training on all new devices introduced to facility
- Response to service calls within 7 days
- In country replacement parts and spares for all standardized equipment

### Facility Provides:

- Leader on staff committed to the program and the value of appropriate, functioning medical equipment
- Support with conducting and maintaining inventories and scheduling all maintenance visits.
- Designated employee in charge of identifying and reporting all program and equipment issues and technical training .
- Commitment to participate in monthly fee program.
- Commitment to cover costs for repair parts and for equipment not in the program.

### Key Ongoing Partners:



### Phase Two Impact

- 10 Emergency Rooms with standardized equipment.
- 15 Hospitals & large clinics with working equipment with training & protocols.
- 5 NICU Departments with equipment & protocols.
- 15 Facilities with standard diagnostic imaging.