Introduction

Cervical cancer is the most common type of cancer among women in Kenya. Nearly 5000 women are diagnosed with cervical cancer each year in Kenya resulting in 2451 annual deaths by 2015 data¹. The Mobile Medical Clinic (MMC) was created with the goal of increasing the rate of regular checkups among women, specifically in rural areas, and to provide early treatment for cervical cancer. Since much of the population in Kenya lives in rural areas the MMC will be able to reach people who would not have access or the ability to regularly see a doctor otherwise.

Requirements

- Water system- Hand washing
- Aesthetic layout and design- Maximize usable space inside and create a pleasant environment

Purchase and Installation

- Water Tank
- Counter, sink, foot pump, fridge
- Generator and Mounts
- LED Lights
- Generator mounted on hitch to optimize usable space inside
- 1800 Watt generator purchased to power fridge, ultrasound and lights
  - Chosen for reliability and quiet operating noise level
  - Generator mounts installed for transit – Must be taken outside while in use
  - Rubber latch design is easy to secure and detach
  - Durable plastic countertop installed; Sturdy counter design for rugged roads
  - Foot pump chosen for ease of use and reliability
  - AC/DC fridge purchased for use with generator (while stationary) and car battery (in transit)
  - Fridge placed on countertop for easy access and will be bolted down to handle rough roads
  - LED lights chosen for efficiency; Connected to breaker box
  - Rubber latch design is easy to secure and detach
  - Walls and ceiling cut from plastic fiberglass sheets– Durable, easy to clean and white to help brighten trailer– Seams installed between walls for smooth edges

Clients

Dala Development is a faith-based, grassroots development organization working to improve livelihoods in Kenya.

Mission

- To enable households to be economically stable, food secure, better educated, healthier, safer, and in loving relationship with one another, the environment, and God.

Conclusions

The MMC is set to be shipped to Kenya, ready for use, in May. This will help many women in rural areas, who have not had access to proper medical care, get necessary check ups and treatment.

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