

## How a self-assessment mobile app for cancer treatment facilities became a tool for successful collaborations with Ministries of Health and NGOs

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### Background and context

The American Cancer Society (ACS) is committed to ending cancer as we know it for everyone. As part of this effort, the American Cancer Society (ACS) offers a ChemoSafe Facility Assessment application available free for download on Google and Apple stores. The app functions on mobile phones and tablet devices. The app is designed to assist hospital leaders and health workers in limited resource settings to quickly self-evaluate their occupational safety practices handling chemotherapy drugs and create short- and long-term safety improvement plans. Within the app, users complete a simple self-assessment questionnaire that produces recommendations for improvements based on international guidance. The app has been tested and used in 50+ facilities. One of the bonus outcomes of the app in Sub Saharan Africa was its influence on national coordination and international partner collaboration in Kenya, Ethiopia, and Nigeria.

### Aim

Process evaluation of collaborative models between cancer centers, ministries of health, and NGOs to scale improvements to the safe handling and administration of chemotherapy drugs.

### Strategy/tactics

Collection of consultation outcomes, reports, and interviews on how the ChemoSafe facility assessment mobile app was used by ministries and NGOs to streamline safety interventions efforts and conduct cost analysis for improving safe handling of chemotherapy drugs in cancer treatment facilities.

### Programme/Policy

The unintended outcome ChemoSafe Facility Assessment app was the practical opportunities it created for ministries and NGOs to support coordinated improvements at multiple cancer centers. This occurred at the National Cancer Control Programme (NCCP) in Kenya, the Ministry of Health National Cancer Control Programme in Nigeria, Ministry of Health Ethiopia, and by the Global Cancer Disparities Initiative (GCDI) of Memorial Sloan Kettering Cancer Center at Obafemi Awolowo University Teaching Hospital. The American Cancer Society worked with each of these entities to evaluate their processes and integrate the applications utility into national cancer control planning practices.

### Process

Process evaluation. Analysis of consultation outcomes, reports, and interviews.

### Outcomes

The collaborations resulted in scaling and accelerating health professional activities in addressing chemotherapy safety at all of the cancer centers at 27 hospitals, which serve majority of the cancer patients in Kenya, Nigeria, and Ethiopia .

### What was learned

The collaboration models were successful because of simplified access to shared non-sensitive data that enabled leaders to organize and streamline the ChemoSafe safety intervention concurrently at multiple hospitals.

### Image(s):

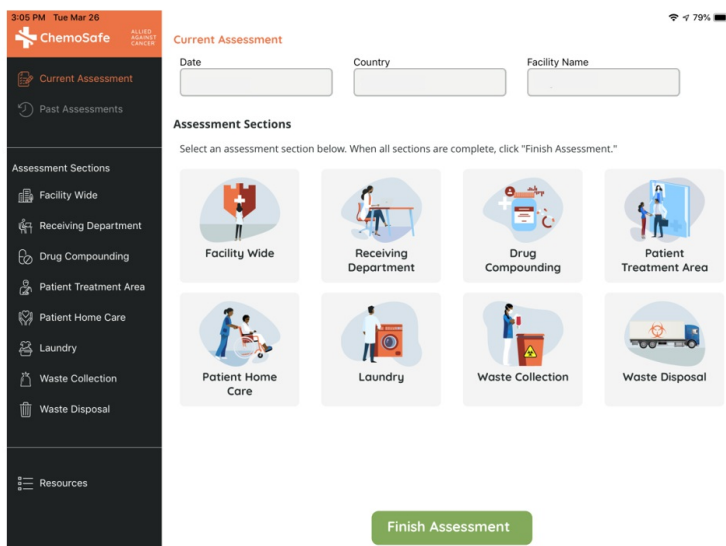


Image of ChemoSafe Facility Assessment mobile app page

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