



# Families to Facilities Challenges of Breast Cancer Care in Rural Haiti 2016-2018

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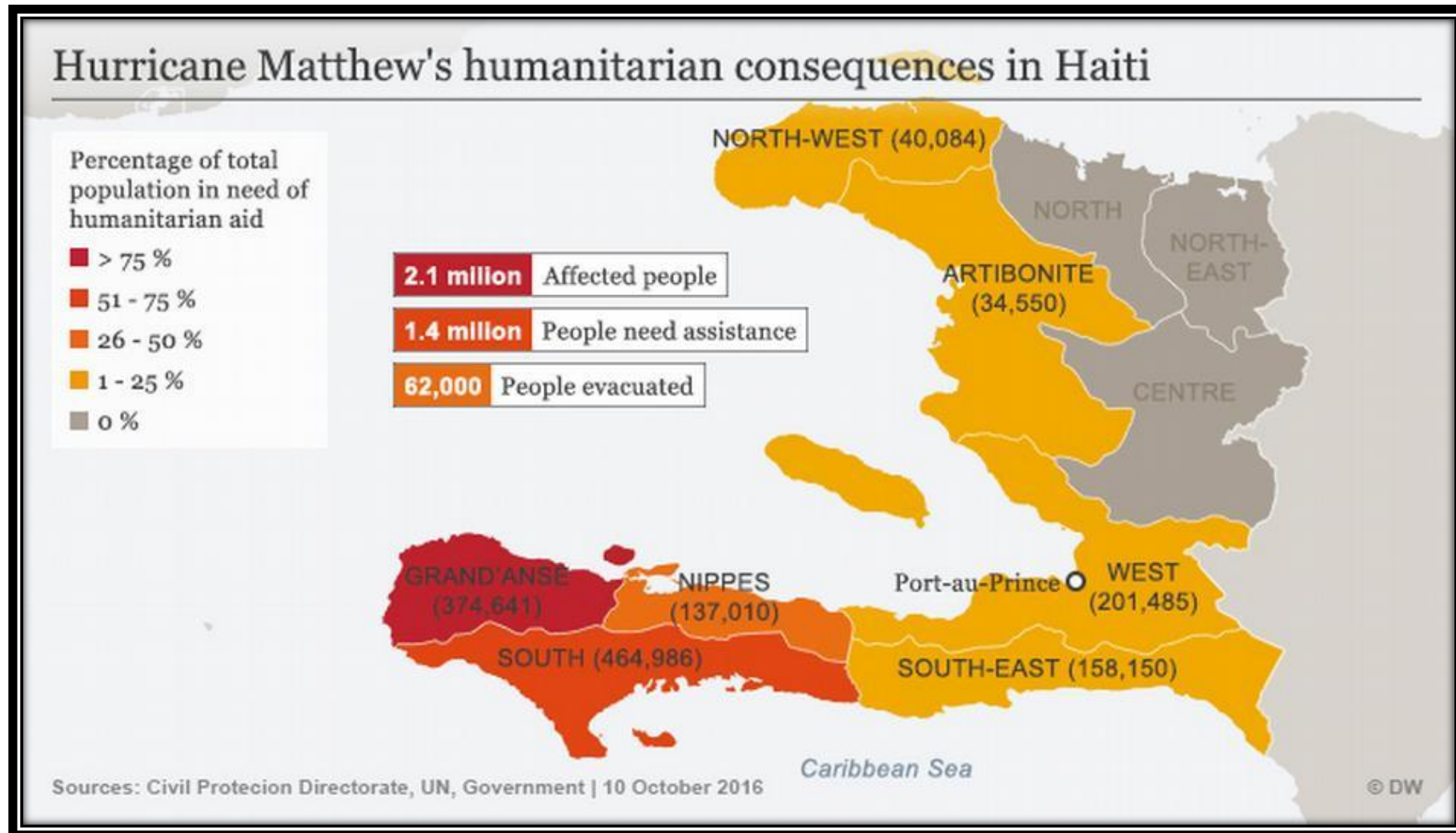
National Consortium of Breast Centers Las Vegas Nevada



# Challenges

- Family
  - Unrelenting disasters
  - Competing priorities for limited resources
  - Fear of death
  - Social costs of seeking care
  - Inadequate navigation through a weak system
- Facilities (the system of care)
  - Limited focus on non communicable diseases
  - Lack of adequate human resources for education and screening
  - Lack of governmental diagnostic capacity
  - Lack of available surgeons, anesthesiologists, pathologists, oncologists

Challenges : 2010 earthquake, cholera, drought, tropical storms AND...Hurricane Matthew, Oct 2016

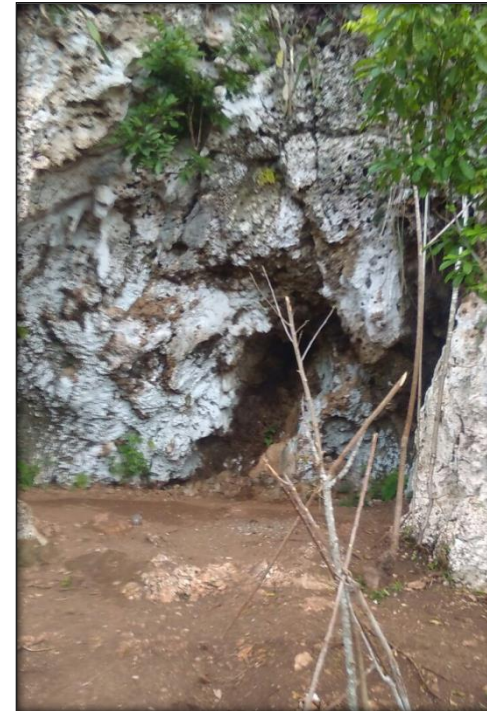


Over 60,000 families lost their houses, outside  
kitchens, livelihoods, crops and animals

**Pamphile family of 6 barely getting by**



**Hundreds sought refuge in grottoes**





145 MPH winds followed by 6 weeks of rain





# Loss of access to health care, markets, schools, food and emergency services

**New foot bridge across the main river**



**After Hurricane Matthew...isolation!**



# Government Referral Hospital St. Antoine seriously damaged

**Medical patients housed in Maternity**



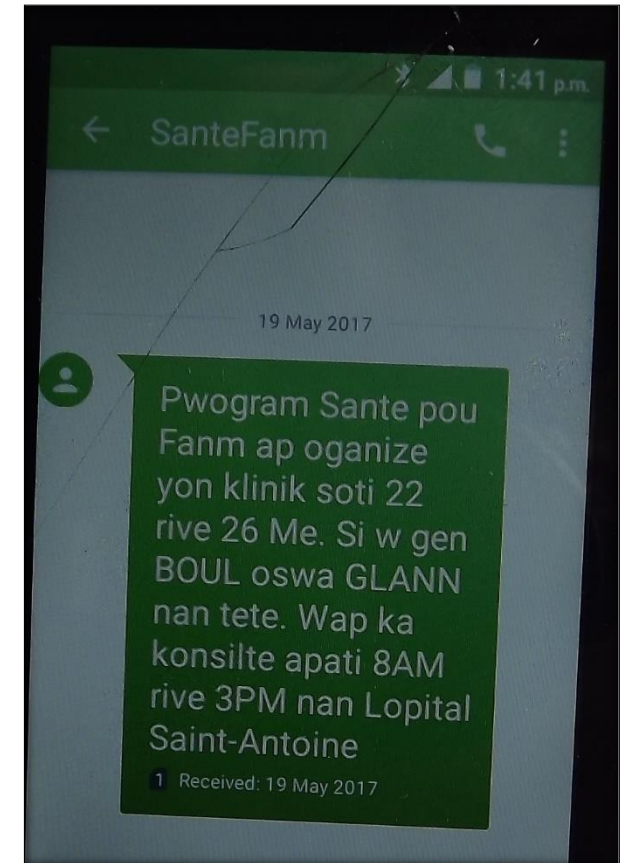
**Outpatient clinics and Administration**





# Importance of understanding: knowledge, beliefs and practices

- See poster presentation on 120 rural women's beliefs and knowledge about breast cancer 2017
- See poster presentation on screening participation of 256 women in the Avera/ University of Connecticut/Haitian Ministry of Health screening and diagnostic clinic 2017
  - Engagement of private phone company (Digicel) to advertise breast cancer ultrasound clinic was helpful
- Research on knowledge and beliefs of males scheduled for 2018





# Education: Churches, clinics, nursing schools, women's associations...just beginning

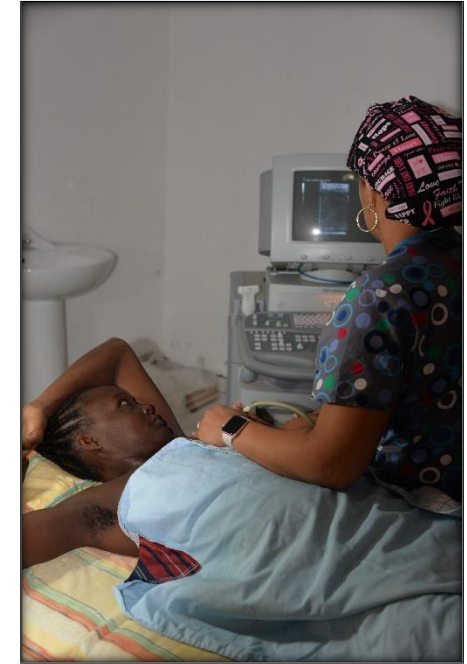


# Diagnostic Clinics: CBE, Ultrasound and Biopsy



Ketley Seide from the Marie Louise Cancer Foundation in Florida and Mary Joe Fremont volunteer for CBEs

Jill Schultz, Andrew Soye and JoEllen Deschamp Avera volunteers from South Dakota since 2012



Breast surgeon Shawn McKinney from Mississippi  
We met at the 2015 NCBC Conference!

# Four years of small steps toward services

SCREENING: 2000+ women screened

EDUCATION AND CBE: 1589 women received CBE/SBE training

DIAGNOSTICS:

- 392 ultrasounds
- 5 clinical diagnosis -no biopsy and referred
- 53 biopsies
  - 18 biopsy positive
  - 1 death shortly after biopsy

TREATMENT

- 12 mastectomies in Grand Anse or referred to Port-au-Prince/Mirebalais
- 3 refused care
- 4 palliative care only
- 4 lost to follow up
- 54 average age of women with positive biopsy
- 96% estrogen positive



# Surgery: Haitian OR team and US Surgeons



Haitian surgeon Eric Pierre, US surgeons Dan Scoppetta (Connecticut) and Shawn McKinney (Mississippi) perform a mastectomy in the only functional OR at St. Antoine Hospital in 2017

# Surgical Department for 400,000 people



Anesthesia collaborators: resident Dr. Benoit and Dr. Rosenberg

- No anesthesiologist -4 nurse anesthetists
- Severely limited general anesthetics
- One general surgeon earning \$475/month
- Two reproductive health doctors
- Limited pharmaceuticals and supplies

BUT

- Haitian staff want to learn and update skills
- Volunteer US anesthesiologists work with residents who travel to Jeremie
- Appreciate needed equipment and supplies
- In November 2017 the UN OPS in collaboration with the Brazilian Ministry of Health began the complete rehabilitation of the surgery



# Continuing education

Surgeon Jim Sayre, NCBC  
international delegate  
internist Jean Robert  
Dougè and Erick Pierre  
discussing surgical care







# Post operative support: Grand Anse Women's Special Health --- Program

# Public –Private Collaboration

- Dr. Robert Auguste, Director of National Cancer Registry, committed to improving partnerships and hopes to convene larger groups of providers. Here meeting with Grand Anse Health Director
- NGO Training in completion of the National Cancer Register begins in Jeremie



# Palliative care:

Limited  
opportunities





# A new start in 2018! Now 2 operating rooms



UNOPS collaboration transformed the spaces. Here Haitian Minister of Health Dr. Gréta R. Clément and Brazilian Health Minister M. Ricardo Barros at dedication ceremonies



We have much to  
do...  
And need your help



The red Turk's cap hibiscus is the symbol of Haitian Mothers' Day when a mother is alive, a white one symbolizes the loss of a mother. We chose this symbol to represent the central role of women to all families and the need for quality breast cancer care.