



Paediatrics in Disasters

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Disaster background

- In the last 20 years...
 - 4 billion people have been affected by disasters
 - US\$3 trillion in losses (UNDP)
- In 2014, there were 324 disasters
 - Nearly one every day
- Kenya is prone to a range of disasters
 - Floods, drought, oil tanker spills, fire, terrorist attacks

Pediatrics in Disasters (PEDS) training course

- Training need in low resource settings
 - RLS face disproportionately poor outcomes
- The American Academy of Pediatrics (AAP) in partnership with the J&J Leadership Institute created a task force in 2004 to develop the Pediatrics in Disasters (PEDS) program
- Collaboration with the World Health Organization (WHO), the Pan American Health Organization (PAHO), the United States Military, and the Association for Health Research & Development (ACINDES).

PEDS program goals

- Educate
 - Pediatricians, other health care providers, government representatives, rescue teams and CHWs
- Establish national and regional PEDS training centers
- Facilitate collaborations
 - Professional societies, hospitals, medical schools, and local, regional, and national governmental agencies

Approach

UCD aims to collaborate with national paediatric associations to disseminate PEDS training curriculum and disaster planning

Training of Trainers approach

2 day pre-course meeting

3-4 day course

PEDS global courses

- Between 2008 and 2016, 28 Pediatrics in Disasters (PEDS) training courses have been held in 17 low resource countries
- All these courses were highly rated by the participants
- A 6 month post course survey found that the courses encouraged future participation in a variety of disaster planning, response, and training activities.

Course materials

- Training manual
 - IMCI, WHO guidelines
- Lecture slides
- Case-based group exercises
- Skills stations
- Pretest and posttest examinations
- Mass casualty disaster simulation



Thematic areas

- Disasters and their effects upon the population
- Preventive medicine in humanitarian emergencies
- Planning and triage in the disaster scenario
- Pediatric trauma
- Management of prevalent infections in children following a disaster

Thematic areas

- Diarrhea and dehydration
- Delivery and immediate neonatal care
- Nutrition and malnutrition
- The emotional impact of disasters in children and their families
- Toxic exposures

KPA-Kenya Red Cross-UCD Inaugural Peds Disaster Course September 2015, Nairobi







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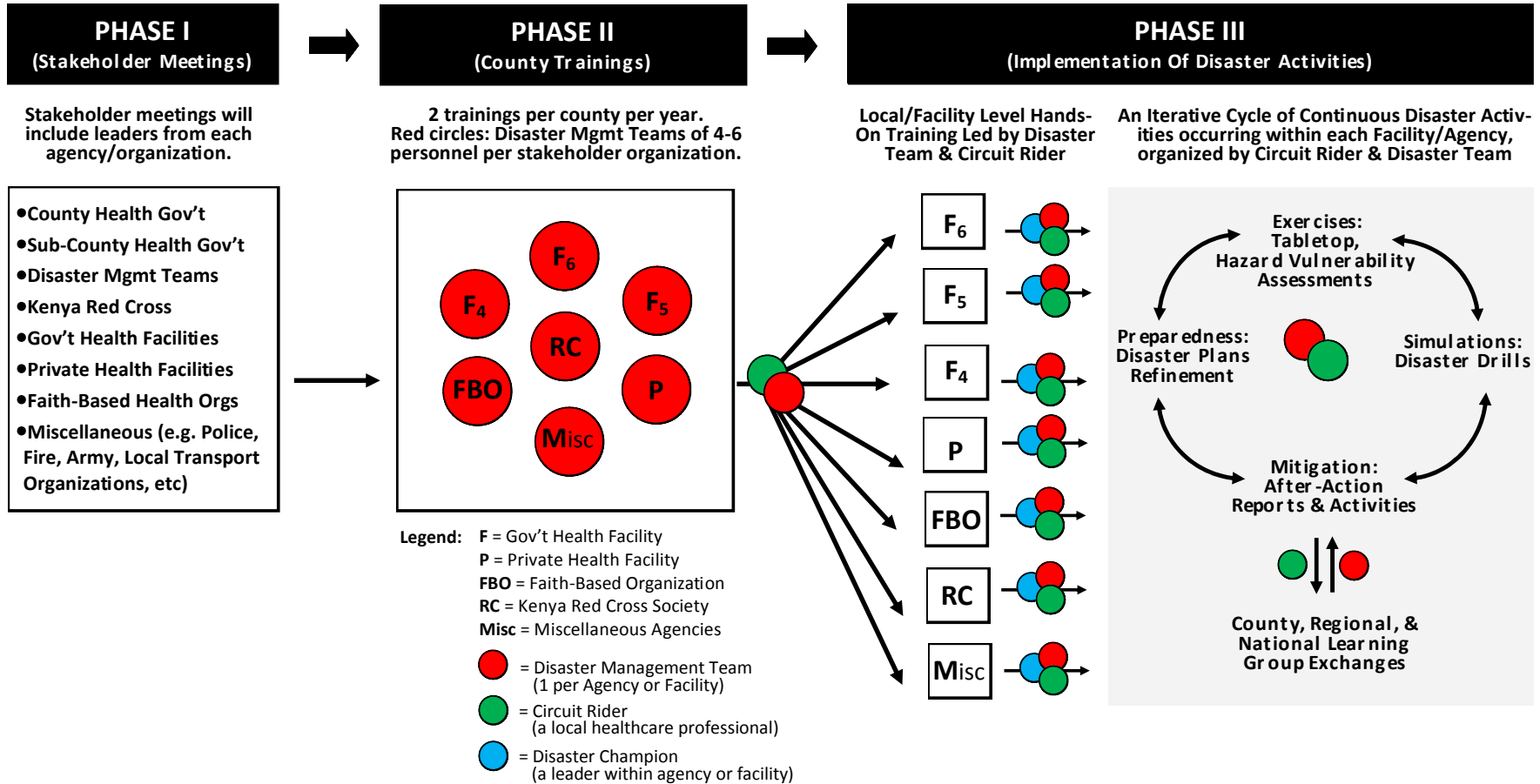
ON-LINE PEDS

- Provides an opportunity for blended training experiences
 - participants who have completed the on line program can come to a shortened course
 - small group technical skill workshops
 - mass casualty simulation
- The on line course can be accessed at <https://cgh.mycrowdwisdom.com/diweb/signin>

KPA-UCD Collaborative Plans

Community Disaster Planning and Management

- Phase I
 - Identify and convene key local stakeholders in disaster management
- Phase II
 - County-level disaster training
 - Develop disaster plan, table top exercise, hazard vulnerability assessments
 - Identify Disaster Champions
- Phase III
 - Facility-level disaster training
 - Facility disaster plan and table top
 - Simulated disaster exercise



Metric	How Measured?	Phase I	Phase II	Phase III
Reach	Quantitative (evaluation forms)	% of stakeholder agencies participating in meeting.	% stakeholder Disaster Teams present at County Training	% of disaster activities executed in 1 year (goal = 1 activity type per year per facility)
Effectiveness	Quantitative (pre/post assessments)	% of stakeholders rating meeting as "of high value"	% improvement in pre- and post-course examination.	Adequateness of disaster plans and activities to meet facilities threats/demands.
Adoption	Mixed methods (surveys & meetings)	Reported likelihood of stakeholder leaders to adopt program	Trainee feedback on content suitability for target facilities	Feedback from stakeholders regarding strengths and weaknesses of program.
Implementation	Quantitative (program evaluation forms)	Stakeholder man-hour representation at initial meeting	% of training content delivered per course per county	% anticipated disaster activities conducted per stakeholder facility/agency
Maintenance	Mixed methods (surveys & meetings)	Surveys of stakeholder leaders to assess continued support	% decay in knowledge every 6 months post-disaster training.	Surveys of stakeholders regarding sustained use of specific disaster activities.

How you can help

- Take the course on-line
- Become an advocate for disaster preparedness and planning at your own institution
- Identify key stakeholders for disaster planning in your community
- Help us find funding!

Asanteni sana

**BY FAILING TO PREPARE,
YOU ARE PREPARING TO FAIL**

THANE YOST