



EBOLA SURVEILLANCE IN KENYA

CAPSCA MID/4 & CAPSCA GLOBAL/5 MEETING Cairo, Egypt

By

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Jomo Kenyatta International Airport

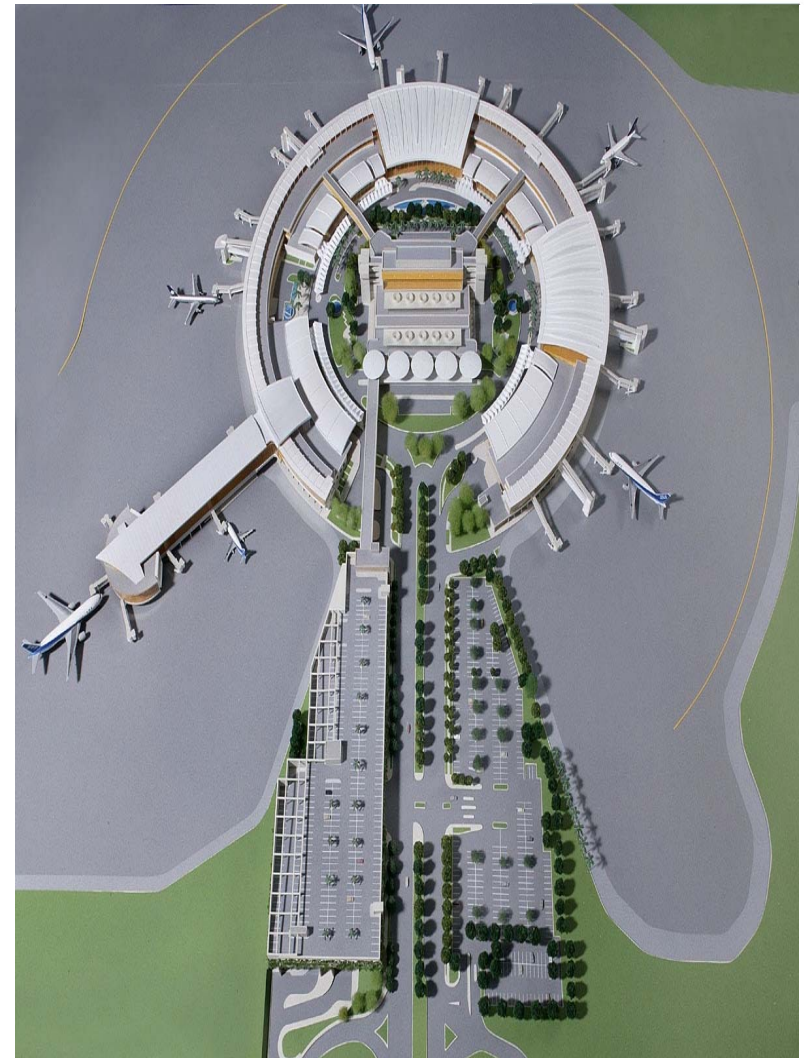
Aerial View of existing passenger terminal facilities





Airlines

JKIA serves 37
scheduled
passenger airlines
and 17 cargo
flights which call
daily.



ICAO Annex 9



- A contracting state shall establish a **national aviation plan** in preparation for outbreak of a communicable disease posing a **public health emergency of international concern**

Objective of the plan

- To avoid importing a case of Ebola through Air Travel
- Containment in case of an identified case
- Business continuity—
Airlines/Airports/All stakeholders



Pandemic Aviation PP



- The JKIA Pandemic preparedness plan is domiciled in the overall Airport Emergency Plan.
- A multi-sector plan involving key stakeholders in aviation, health, security and airport communities.
- The Public health emergency plan for JKIA was tested in June 2011 during the ICAO airport assistance visit.

TIMELINES TO EVD PHEIC



- December 2013- Guinea reported the 1st case
- March, 23 – Formal notification to WHO
- March-May – spreads to other countries of Sierra-Leone and Liberia.
- May –June - The situation stabilizes
- July 2014 full blast epidemic and extends to Nigeria
- August 2014- WHO EVD declared a PHEIC

EBOLA SCREENING



- The CAPSCA Kenya Steering Committee which is part of the Airports Crisis Management Committee started meetings in March to conduct risk assessment
- Screening started randomly by Port Health to travelers arriving into Kenya from West Africa.
- August 2014 – Regional CASSOA meeting

RISK ASSESSMENT



- Kenya is a regional transit hub—70% transit, and 30% entry
- Most medical NGOs are based in NBI e.g. MSF, SOS
- National carrier (KQ) flies 76 times a week to West Africa
- Additionally, global connections in air travel with other hubs (Addis/Kigali/Johannesburg)
- Commercial & business travel
- Returning expatriate Kenyans from West Africa

Coordination

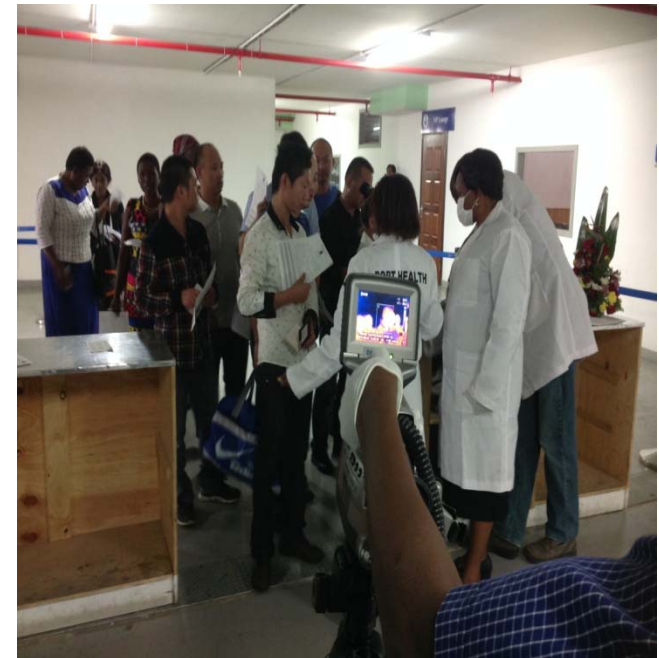


- National Taskforce – KCAA, MoH, KAA, Airlines' rep (KQ), Ministry of Transport, Ministry of Interior, (3 CAPSCA members included)
- Implementation Committees – operational stakeholders located at the airport (5 CAPSCA members included)

RESPONSE MEASURES



- Setting up of surveillance, holding and isolation facilities
- Procurement of thermal scanners
- Training of stakeholders
- Waste management system



RESPONSE MEASURES cont.



- Screening is risk based
- High risk flights have their own gates of entry at JKIA
- Surveillance forms are filled



RESPONSE MEASURES cont.



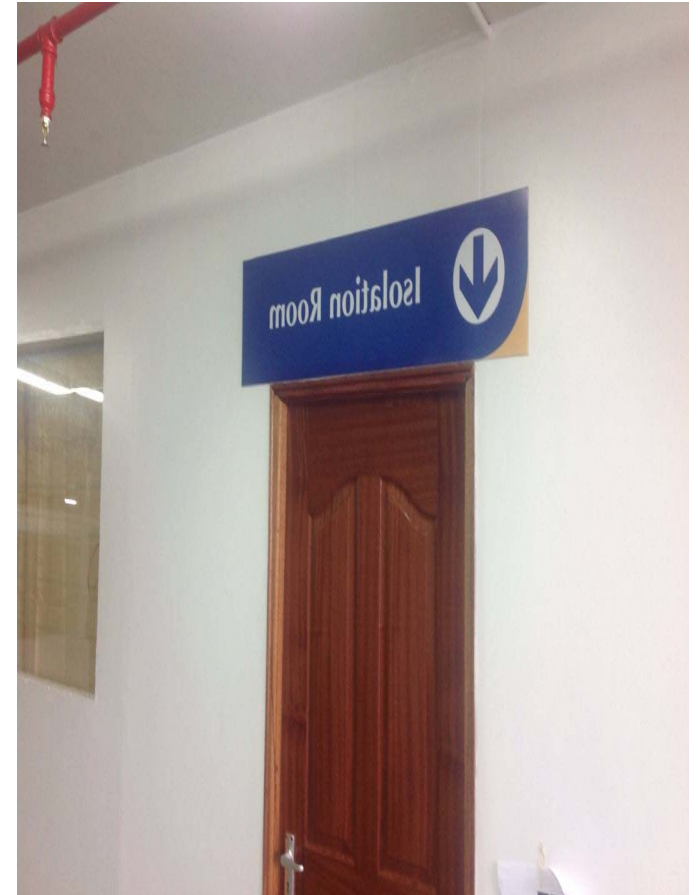
- Temperatures of passengers are also taken on arrival and Transit
- KQ did pre-boarding screening at airports of origin (West Africa)
- Database created for analysis & traceability



RESPONSE MEASURES cont.



- Suspected cases are isolated and taken to Kenyatta National Hospital
- Samples are taken to KEMRI/CDC for laboratory testing
- So far over 10 suspected cases have been identified and all tested negative



Response Measures cont.



- Sensitization, training and HANs (crew/ground/staff/passengers)
- On board measures (extra gloves/hand sanitizers and UPKs)
- Surveillance forms and GD forms
- Alert & Communication (PIC/Crew announcements)
- Disinfection and Certification of aircraft by Port Health



Hand hygiene

- Hand washing points for the public
- Hand sanitization for arriving passengers and crew



CHALLENGES



- Resources (human and financial)
- Transit passengers being barred from entry to destination
- Panic (incubation period)
- Social media
- Porous borders
- VIPs
- Regional coordination

WAY FORWARD



- **Revise our Pandemic Management Plans to capture lessons learnt during Ebola surveillance**
- **Need for contingency funding (budget) for public health emergencies**
- **Training and testing of the Public Health Plan on continuous basis**

ACKNOWLEDGEMENT



- CAPSCA – Global, Kenya committee
- WHO
- ICAO/IATA
- CASSOA
- CDC
- ACI
- GoK (Ministry of Health, Ministry of Transport, Ministry of Interior)



Thank you