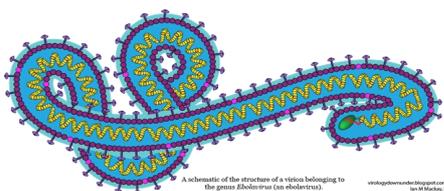




EBOLA VIRUS DISEASE (EVD) - West Africa Outbreak Update

September 10, 2014

Case Count:
Source - WHO



COUNTRY	CASES	DEATHS	CFR
LIBERIA	2046	1224	59.8
SIERRA LEONE	1361	509	37.4
GUINEA	862	555	64.4
NIGERIA	21	8	38.1
SENEGAL	3	0	0
TOTAL	4269	2288	53.6
DR CONGO *	53	31	58.5
OMAN	0	0	0

* *Virological analysis:* No link between Ebola outbreaks in west Africa & DRC - Situation assessment September 2, 2014 - Gabon Laboratory Report

Latest News - Headlines

September 10, 2014: Source - Internationalsos.com

Liberia: The president announced that the Quarantine of Dolo town in Margibi has been lifted. Nationwide curfew adjusted between 11 pm to 6 am.

September 9, 2014:

Guinea: The French Embassy in Conakry has reported 37 additional confirmed cases. All schools and universities in the country will remain closed indefinitely.

Liberia: A new treatment center called the island clinic will be opened in Bushrod island

Sierra Leone: The British military and humanitarian experts to set up a treatment center near the capital city, Freetown.

West Africa: West African International community asking for travel bans to be lifted to open up humanitarian and economic channels

Saudi Arabia: Traveler's from Nigeria will be allowed to attend the Hajj

Tanzania: Walk-through thermal scanners have been installed at all international airports.

USA: Emory University Hospital confirmed an imported case Ebola today, the 4th case (3 treated in E Emory and 1 in Nebraska) in the country.

MoH Response:(www.moh.gov.om)

- National task force (Coordination with GCC)
- EOC activated (Level-I alert)
- Ebola specific guidelines and protocols developed
- Circular/alert to HCWs in Government and Private health facilities
- Action Algorithms developed:
 - ◆ Reporting and investigation, PoE surveillance, Infection Prevention & Control,
 - ◆ Clinical management and Contacts management and Quarantine
- Community education (mass media): Newspaper, brochures, roll-up boards (travellers, general public)
- PoE: Self-declaration for passengers at Muscat International Airport

Research on EVD:

Diagnosis: Japanese researchers from Nagasaki University have developed a new diagnostic test for Ebola. Test outcomes can be obtained in 30 minutes.

Drugs: If given early in the illness **Z-Mapp** has shown promising results in western countries. Currently it is in limited supply.

China approves a new drug for Ebola "**JK-05**" for use in emergency situations.

Antiviral drug **BCX-4430**, manufactured by Bio-Cryst Pharmaceuticals, has been awarded funding from the USA.

The use of whole blood therapies and convalescent blood serums has been considered as treatment option.

Use of novel therapeutic drugs, including monoclonal antibodies, RNA-based drugs, and small antiviral molecules as one of the treatment options

Vaccine:

Safety trial of a bivalent vaccine developed by NIAID and the pharmaceutical company GlaxoSmithKline (GSK) on human volunteers to take place in Maryland, USA.

Vesicular stomatitis virus (VSV-EBO) & chimpanzee adenovirus (ChAd-EBO) vaccine trials are being initiated in the USA & will be started in Africa & Europe in mid-September.