

Risk Assessment and Emergency Preparedness of University Hospitals for Ebola and Avian Flu

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Settings and Background: This research will be conducted in Center of Training and Education in public health and safety at the Suez Canal University, Faculty of Medicine, and since there are increasing reports of avian flu cases in Egypt and there is an epidemic of Ebola in the western African countries, and there is a lot of risk for imported Ebola cases to Egypt as happened in the US, Spain and UK. The need to make risk assessment for emergency preparedness of cases such as avian flu or Ebola is mandatory and will reduce costs in lost expenses and lost lives especially of HCWs.

Objective / Goal of Project: Promotion of Emergency Department preparedness and applying best practices, of biosafety measures, and promotion of staff KAP and logistics for Potential Ebola and Avian Flu Cases at Emergency and Ambulatory Dept at University hospital.

Methods: This research will quantitatively and qualitative assess how much the university hospitals are ready to containment of highly infectious cases such as Ebola and zoonotic diseases such Avian Flu cases. On a span of days surveys and interviews there will be a risk assessment for Knowledge, attitudes and practices in the context of preparedness, defining gaps in safety and logistics for containment, and training events addressing safety of HCWs managing such cases, and plans for overcoming such problems.

Outcomes: Addressing gaps in safety, security and logistics for containment of Potential Ebola and Avian Flu cases and a conclusion for a plan for overcoming gaps in safety of HCWs; training of HCWs to safety on managing cases such as Ebola and Avian Flu.