

EPIDEMIOLOGY OF HUMAN EBOLA VIRUS DISEASE OUTBREAK IN SUB-SAHARAN AFRICA

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ABSTRACT

Ebola virus disease (EVD) is a zoonotic disease that has afflicted people for the past forty years, particularly in sub-Saharan Africa (SSA), where case fatality rates can reach over 90%. As of September 2015, a record 11,306 people had died from the latest EVD in West Africa, out of 28,200 cases reported from 10 countries. First, the profile of the EVD epidemic in SSA needs to be given. Second, an analysis of the distribution and location of EVD epidemics in SSA will be conducted. Again, to determine what causes EVD to spread during significant outbreaks. A comprehensive analysis of studies on the Ebola virus in sub-Saharan Africa. Nine databases were the focus of the search: Academic Search Complete, AJOL, Google Scholar, PubMed, Medline, Health Source, CINAHL Complete, BioMed Central, EBSCOhost (Discovery), and AJOL. Additionally, the reference lists of pertinent works were searched. As the geographical niche of EVD spreads from east to west of SSA, the review emphasized the rising frequency of EVD outbreaks, mobility, and death, with border regions being high-risk locations. Furthermore, urbanization, human mobility, and population increase have all had an impact on the spread of EVD in recent years. In order to prevent future Ebola outbreaks, the evolving patterns of EVD spread necessitate comprehensive preparedness, which comes from knowledgeable individuals, communities, regions, nations, and the international community at large. To prepare stakeholders for any eventuality, this study also recommends additional research in the areas of advancement in the clinical care of EVD in SSA.

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