

An evaluation of cholera surveillance system in the Ga east municipality accra)

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Abstract

Cholera is a major health problem facing most developing countries. Globally, 132, 121 cholera cases were reported in 2016. About 54% of these cases were recorded in Africa. Between June 2014 and January 2015, a total of 28,922 cholera cases including 243 deaths were reported in Ghana. WHO estimates that the true incidence of Cholera far exceeds the reported cases. We evaluated the cholera surveillance system to determine whether the system was meeting its objectives, and to assess its attributes. We evaluated the cholera surveillance system in the Ga East municipality. We interviewed staff of the GEMA on the operation of the system. We used semi structured questionnaire to assess the attributes of the system. We reviewed data from the weekly and monthly IDSR and also from the district Health information management system from 2012-2016. We also reviewed annual reports and scientific papers. We applied the Centers for Disease Control and Prevention (CDC) updated Guidelines for Evaluating Public Health Surveillance Systems. Summarized descriptive analysis of qualitative data was done and presented in graphs and charts. The cholera surveillance is well situated in the IDSR. The case definition is clear, simple and easy to apply. The system is able to detect cases and notify the next level. The data matches with the case base forms. However, the entries in the case base forms were not complete. Positive predictive value could not be assessed as no single case was confirmed by laboratory test

Biography

I am a young energetic individual with a passion for greatness. I see every opportunity as a shot to higher heights. Have had experience in both private and public practice. With 5years working experience in the health sector. 2 years experience as a certified Epidemiologist from the Ghana Field Epidemiology and Laboratory Training Program. Achieving excellence is a motivation