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Meningitis outbreak investigation in Nkoranza South Municipality in Brong Ahafo Region, Ghana, February, 2016

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How to use this Study

General instructions: ideally, 1 to 2 instructors facilitate the case study for 13 to 20 students in a classroom or conference room. The instructor should direct participants to read a paragraph out loud, going around the room to give each participant a chance to read. When the participant reads a question, the instructor directs all participants to perform calculations, construct graphs, or engage in discussions. The instructor may split the class to play different roles or take different sides in answering a question. As a result, participants learn from each other, not just from the instructors. Specific instructor’s notes are included with each question in the instructor’s version of this case study.

Audience: residents in Ghana Field Epidemiology Training Programs (Ghana-FELTP) and other Field Epidemiology and Laboratory Training Programs (FELTPs) and Field Epidemiology Training Programs (FETPs) who are interested in this topic.

Prerequisites: before using this case study, case study participants should have received lectures or other instructions in outbreak investigations, including case definition development, line listing, passive and active case search to populate a list line, construction of an epi-curve and its interpretation, and report writing and information dissemination.
Materials needed: laptop with Microsoft Excel, Epi Info™, or graph paper; calculator; flipchart or whiteboard with markers; A4 sheets; pens; pencils; and erasers.

Level of training and associated public health activity: Novice - outbreak investigation

Time required: 2-3 hours

Language: English

Competing interest
The authors declare no competing interest.

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Resources