Hand Sanitization in Gushegu, Ghana  
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**Background**
Annually, 9 million episodes and 84,000 deaths from diarrhea occur in Ghana among children under 5. (1)

Handwashing with soap can help prevent diarrheal disease from fecal-oral transmission (2).

67,813 (54%) of people in the district are without access to potable water (3).

**Need Statement**
The frequency of child deaths caused by diarrhea must be reduced in Gushegu, Ghana.

**Approach**
Promote the use of hand sanitation techniques through educating citizens and distributing hand disinfectant to members of the Gushegu district.

**Methods**
- Create a picture book and marketing material
- Distribute and demonstrate how to use hand disinfectant in Gushegu
- Collect morbidity and mortality data and survey residents about sanitation habits

**Predicted Results/Outcomes**
Mortality decreased by approximately 30% and morbidity decreased by approximately 21%

**Conclusions**
Implementing these methods in Gushegu, Ghana is an option to reduce the frequency of childhood mortality. This can be adapted to be used in various developing countries worldwide.

**References**

(2) Handwashing one of most effective ways to prevent disease in Central African Republic. (2012, October 15). Retrieved November 11, 2015