

23. SURVEY TOOL

Study Title: Knowledge and Attitudes Towards Infection Prevention and Control in Ghana

Introduction

Thank you for participating in this study. The purpose of this research is to assess the knowledge, attitudes and practices of the Ghanaian population regarding Infection Prevention and Control (IPC) measures. The World Health Organization defines Infection prevention and control (IPC) *can be defined as policies, procedures, and activities that aim to prevent or minimize the risk of transmission of infectious diseases at communities or health facilities.*

Your responses will provide valuable insights to inform the development of targeted interventions and policies aimed at improving IPC compliance in Ghana. Please be assured that the information you provide will be kept confidential and will be used solely for this study's purposes. Participation in this study is entirely voluntary, and you have the right to withdraw at any time without any consequences. Please answer the following questions and select the answers/options that best express your opinion.

Thank you for your cooperation.

Do we have your consent? Yes [] No []

Section A: Demographic Information

1. **Age: (completed Years)**
 - a. 18-24
 - b. 25-34
 - c. 35-44
 - d. 45-54
 - e. 55 and above
2. **Sex: (please observe and tick)**
 - a. Male
 - b. Female
3. **Educational Level:**

- a. Non formal education
- b. Primary
- c. JSS/JHS
- d. Middle school
- e. SSS/SHS
- f. Tertiary
- g. Vocational/Technical School
- h. Other (please specify): _____

4. Occupation:

- a. Student
- b. Business/Trading
- c. Unemployed
- d. Apprentice
- e. Farmer
- f. Public/civil servant
- g. Artisan
- h. Other (please specify): _____

5. Religion

- a. Christian
- b. Islam
- c. Traditionalist
- d. Other (please specify): _____

6. What is your ethnicity?

- a. Akan
- b. Ga/Dangme
- c. Ewe
- d. Dagomba
- e. Frafra
- f. Gonja
- g. Other (Specify)

7. District (list districts)

8. Section B: Knowledge of IPC

9. Do you know how to prevent yourself from infections?

- a. Yes
- b. No
- c. Don't know

10. What are the ways by which you can prevent yourself from infections. (*Multiple choice*)

- a. Hand washing with soap under running water
- b. Applying alcohol-based hand sanitizer
- c. Avoid touching face
- d. Vaccination/immunization
- e. Use of mask
- f. Social distancing
- g. Cough etiquette
- h. Cleaning of surfaces
- i. Prevention of animal bite/Fumigation.
- j. Other specify.....
- k. Don't know

11. How would you rate your knowledge of Infection Prevention and Control (IPC) measures?

- a. Very good
- b. Good
- c. Fair
- d. Poor
- e. Very poor

12. How effective do you think hand hygiene ensures infection prevention?

- a. Very effective
- b. Effective
- c. Neutral
- d. Somewhat effective

- e. Not effective

13. Can Alcohol-based hand rubs be used when there is no water and soap?

- a. Yes
- b. No
- c. Don't know

14. Is performing hand hygiene required before and after the care of a relative or friend?

- a. Yes
- b. No
- c. don't Know

15. Can face masks protect the nose and mouth from infections.

- a. Yes
- b. No
- c. Don't know

16. Can public doorknobs be sources of infections?

- a. Yes
- b. No
- c. Don't know

17. Can wearing of mask when coughing prevents potential spread of infections?

- a. Yes
- b. No
- c. don't know

18. Have you heard of the term “Infection Prevention and Control (IPC)”

- a. Yes
- b. No
- c. Don't know

19. Have you ever received information about IPC measures? (if No skip to Q23)

- a. Yes

- b. No
- 20. If yes, what was the sources that provided the information? (Select all that apply)**
 - a. Healthcare facility
 - b. Educational institution
 - c. Community programs
 - d. Family/Friends
 - e. Community information centre
 - f. Media (TV, Radio, Internet)
 - g. Other (please specify): _____
- 21. Have you ever participated in any IPC training or awareness programs?**
 - a. Yes
 - b. No

Section C: Attitudes Towards IPC

- 22. How important do you think it is to follow IPC measures?**
 - a. Very important
 - b. Important
 - c. Somewhat important
 - d. Not important
 - e. Not at all important
- 23. Do you believe that adhering to IPC measures can reduce the risk of infections?**
 - a. Strongly agree
 - b. Agree
 - c. Neutral
 - d. Disagree
 - e. Strongly disagree
- 24. Do you believe that regularly washing your hands can help prevent infections?**
 - a. Yes
 - b. No
 - c. Don't know
- 25. How important do you think wearing a face mask is during an outbreak of a contagious disease?**

- a. Very important
- b. important
- c. neutral
- d. not important
- e. not important at all

26. How comfortable are you following guidelines for social distancing when necessary?

- a. very comfortable
- b. comfortable
- c. neutral
- d. uncomfortable
- e. very uncomfortable

27. How likely are you to stay home if you experience symptoms of an illness, such as a fever or cough?

- a. Very likely
- b. likely
- c. neutral
- d. unlikely
- e. very unlikely

28. Do you trust the information you receive from public health authorities about infection prevention?

- a. Yes
- b. No
- c. Don't know

29. How do you feel about getting vaccinated to protect yourself and others from infectious diseases?

- a. very comfortable
- b. comfortable
- c. Neutral
- d. Uncomfortable
- e. Very uncomfortable

- 30. Do you think that using hand sanitizer is as effective as washing your hands with soap and water?**
- a. Yes
 - b. No
 - c. Don't know
- 31. How confident are you in your ability to protect yourself from infections in public places (e.g., markets, public transport)?**
- a. very confident
 - b. Confident
 - c. Neutral
 - d. Not confident
 - e. Not confident at all
- 32. Do you believe it is necessary to clean and disinfect frequently touched surfaces in your home regularly?**
- a. Yes
 - b. No
 - c. Don't know
- 33. How important do you think it is to educate children about infection prevention practices like handwashing and covering their mouths when coughing?**
- a. Very important
 - b. Important
 - c. Neutral
 - d. Not important
 - e. Not important at all
- 34. Are the use of public handwashing stations (e.g., in malls or public transport areas) necessary to reduce infections?**
- a. Yes
 - b. No
 - c. Don't know
- 35. How willing are you to follow health guidelines, such as wearing masks or avoiding large gatherings, even if others around you don't?**

- a. Very willing
- b. Willing
- c. Neutral
- d. Not willing
- e. Not willing at all

36. Do you believe that infection prevention measures, like social distancing, should be mandatory during an outbreak of infectious disease?

- a. Yes
- b. No
- c. Don't know

37. Will you participate in community clean-up activities?

- a. Yes
- b. No
- c. Don't know

Section D: Compliance with IPC Measures

38. Which of the following IPC measures do you regularly follow? (Select all that apply)

- a. Hand washing with soap under running water
- b. Use of alcohol-based hand sanitizer
- c. Use of personal protective equipment (PPE)
- d. Wearing masks in crowded places/coughing/sneezing
- e. Avoiding close contact with sick individuals
- f. Safe disposal of medical waste
- g. Regular cleaning and disinfecting surfaces
- h. Vaccination
- i. Isolation of infected patients
- j. Cough etiquette
- k. Other (please specify): _____
- l. I do not follow any IPC practices

39. How often do you wash your hand in a day

- a. Always

- b. Sometimes
 - c. Rarely
 - d. Not at all
- 40. How frequently do you wear a mask in public places during an outbreak of infectious diseases, such as flu or COVID-19?**
- a. Very frequent
 - b. Frequent
 - c. Not frequent
 - d. Not at all
- 41. How often do you disinfect frequently touched surfaces in your home, such as door handles and light switches?**
- a. Always
 - b. Sometimes
 - c. Really
 - d. Not at all
- 42. When you have symptoms of an illness, like a cold or fever, do you avoid going to work, school, or crowded places?**
- a. Yes
 - b. No
 - c. Don't know
- 43. How often do you wash fruits and vegetables before consuming them to reduce the risk of infection?**
- a. Always
 - b. Sometimes
 - c. Neutral
 - d. Rarely
 - e. Not at all
- 44. Do you clean and disinfect your hands after handling money or public items (e.g., shopping carts, ATMs, TV remote)?**
- a. Yes always
 - b. Yes sometimes

- c. Don't know
- d. Not at all

45. Do you follow the recommended schedule for your vaccinations/immunizations when required?

- a. Yes
- b. No
- c. Don't know

46. If you're being prescribed antibiotics, do you complete the full course as directed by your doctor?

- a. Yes
- b. No
- c. Don't know

47. How often do you encourage children or family members to practice hand hygiene after playing outside or using public facilities?

- a. Always
- b. Sometimes
- c. Really
- d. Not at all

48. When someone in your household is ill, do you take extra precautions, such as isolating them, cleaning surfaces more often, or wearing a mask?

- a. Yes
- b. No
- c. Sometimes

49. How often do you share eating utensils, drinking cups, or food with others during family or community gatherings?

- a. Always
- b. Sometimes
- c. Rarely
- d. Not at all