

Appendix 1

Questionnaire

Title: Knowledge, Awareness and Attitudes to Breast Cancer

Breast Cancer is a Global public health problem. To ensure primary prevention and treatment population based screening program as well as breast cancer awareness is necessary. To assess the knowledge and attitude regarding breast cancer some information is required from you. Your response will contribute immensely to conduct this study.

Please answer the questions by ticking or circling your option and write where necessary

E.g.: Which of the following is used for writing? Car () Keys () Pen (✓)

PART 1

Demographic Characteristics

1. Please indicate your age –
2. Gender – Male () Female ()
3. Educational Level – Primary () Secondary () Tertiary ()
4. Marital Status – Single () Married () Divorced () Widowed ()
5. Ethnicity – Hausa () Yoruba () Igbo () Others

PART 2

Response about breast cancer knowledge source

1. Which was the source of your information about breast cancer?
 - a. Physician/health worker
 - b. Seminar/workshop
 - c. Radio/TV
 - d. Newspaper
 - e. Friends
 - f. Religious forum
 - g. Social media
 - h. Non-Governmental Organization
 - i. Family
 - j. Journals

Response about breast cancer risk factors and level of knowledge questions

1. Have you had breast cancer before? – Yes () No ()
2. a. Do you know anyone in your family who have/had cancer? – Yes () No ()

2b. What is the name of the cancer if you answered 'Yes' above

3. Indicate your level of breast cancer knowledge – Low () Moderate () High ()
4. Can breast cancer be inherited? Yes () No ()
5. Does breast feeding decrease risk of breast cancer? Yes () No ()
6. Is not becoming pregnant at all (nulliparity) a risk factor for breast cancer? Yes () No ()
7. Is obesity a risk factor for breast cancer? Yes () No ()
8. Do oral contraceptive pills increase the risk of breast cancer? Yes () No ()
9. Is trauma (injury) to breast a risk factor of breast cancer? Yes () No ()
10. Is smoking a risk factor for breast cancer? Yes () No ()

Screening tests and how often

1. Have you carried out diagnosis/genetic testing for breast cancer? Yes () No ()
2. Do you know how to carry out breast self-examination (BSE)? – Yes () No ()
3. Do you practice breast self-examination (BSE) – Yes () No ()
4. How often do you do breast self-examination (BSE) – a. Monthly b. Yearly c. Never
5. a. Have you done clinical breast examination (CBE) before? Yes () No ()
- 5b. if yes, how many times? – Once () Twice () More than 3 times
6. a. Have you had mammography before? – Yes () No ()
- 6b. If yes, how often? Once () Twice () More than 3 times ()

Knowledge about breast cancer treatment

1. You think surgery is the most effective method of treatment for breast cancer? – Yes () No ()
2. Do you think alternative or herbal medicine can cure breast cancer? – Yes () No ()
- 3a. If No or Yes why?
3. Can Breast cancer disappear following prayers? – Yes () No ()
4. Is breast cancer curable if detected early? – Yes () No ()

Sign of breast cancer and what to do

1. Is painless breast lump a risk factor for breast cancer? Yes () No ()
2. What will you do if you see blood stained discharge from your breast? a. Do nothing b. Take some drugs c. Visit a doctor
3. In your opinion, what do you think is the reason why people don't go for breast cancer screening?
 - a. It is expensive ()
 - b. Lack of awareness ()
 - c. It is embarrassing ()
 - d. Lack of screening equipment ()
 - e. Fear of a positive result ()
 - f. No reason ()

Breast cancer beliefs

Yaya, S., Abuaisha, A., Samson, J., & Serakinci, N. (2018). Knowledge, awareness, and attitudes to breast cancer among school teachers in Kaduna Metropolis, Kaduna State, Nigeria. *Asian Journal of Health Sciences*, 4(2), 3. <https://doi.org/https://doi.org/10.15419/ajhs.v4i2.439>

1. Is breast cancer caused by magic or/ and evil spirits? Yes () No ()
2. Is breast cancer contagious? Yes () No ()

Breast cancer in Nigeria and school curriculum

1. Do you think breast cancer awareness should be included in school curriculum?
Yes () No ().
2. Do you think there is sufficient breast cancer awareness in Nigeria? – Yes () No ()
3. Do you think that breast cancer is a major problem in Nigeria? – Yes () No ()