

Appendix III

Questionnaire

This questionnaire was designed to ascertain the relationship between knowledge and attitude towards premarital sickle cell screening among students attending Federal College of Education, Kano.

Please, respond by supplying the required information in the questionnaire. Honest and genuine answers will be appreciated in filling out this questionnaire. Your response will be treated with utmost confidentiality.

Thanks for your anticipated co-operation.

Please tick [✓] to indicate your appropriate response and provide the answers where required.

(1) What is your age range?

(a) 16 – 20 (b) 21 - 25 (c) 26- 34 (d) 35- 40 (e) 41- 45 (f) 46 – 50 and above

(2) Gender (a) Male (b) Female

(3) Marital status (a) Unmarried (b) married (c) divorce (d) a widow

(4) Religion (a) Islam (b) Christianity (c) Others

(5) Do you have any family history of sickle cell disease? (a) Yes (b) No (c) don't know

(6) What is your Haemoglobin genotype (a) AA (b) AS (c) AC (d) SS (e) SC

KNOWLEDGE ASSESSMENT

	Items	YES	NO	Do not know
7	<i>What do you understand by premarital sickle cell screening</i>			
	(a) Test done before marriage to rule out any abnormality in the blood			
	(b) A test that reveals the level of malaria parasite in an individual			
	(c) Test done before marriage to rule out sickle cell disorder			
	(d) Any test done in the hospital before marriage			
8	<i>When should premarital sickle cell screening be done?</i>			
	a) Just before marriage or during courtship.			
	b) After marriage			
	c) Immediately after delivery.			
	d) When a couple gives birth to a sickle cell anaemia			
9	<i>What is the benefit of premarital sickle cell screening?</i>			
	a) Helps to detect abnormalities in couples early before			

	marriage			
	b) It helps to prevent having a child with sickle cell disease.			
	c) It helps to expose the genetic status of an individual to the public before marriage			
	d) It has no benefits			
10	<i>What are the major consequences of not adhering to premarital sickle cell screening</i>			
	a) Giving birth to a child living with sickle cell disease.			
	b) Separation / divorce from couples			
	c) Disharmony and conflict in the family			
	d) Excessive financial expenditure on the management of a sick child			
	e) High infant mortality			
11	<i>Do you think SCD can be cured</i>			
12	<i>How is SCD been cured</i>			
	Bone marrow transplant			
	Avoid marrying SS			
	Using drugs			
	Others			
13	<i>Can SCD be prevented</i>			
14	<i>How is SCD prevented</i>			
	No marriage between carriers			
	Premarital screening			
	Knowing your genotype			
15	<i>Can Sickle cell disease be transmitted</i>			

Attitude towards premarital sickle cell screening

	ITEM	Strongly Agree	Agree	Disagree	Strongly disagree
16	<i>Premarital sickle cell test is necessary once the couple has agreed to marry</i>				
17	<i>Premarital sickle cell screening is one of the ways to reduce disease burden on the family.</i>				
18	<i>Premarital sickle cell screening should be made mandatory for every adult before marriage</i>				
19	<i>Going for premarital sickle cell screening will expose my genetic status to the public.</i>				
20	<i>Premarital sickle cell screening is against my religious/cultural belief.</i>				
21	<i>Premarital sickle cell screening brings conflict between intending</i>				

	<i>couples.</i>				
22	<i>It increases the chances of one not getting married</i>				
23	<i>It is a waste of time and resources</i>				
24	<i>I prefer not to know if anything is wrong with me before marriage</i>				

	<i>ITEM</i>	<i>YES</i>	<i>NO</i>
25	<i>Would you go for premarital sickle cell screening before marriage?</i>		
26	<i>If your answer to question '19' is 'yes' will you prefer to do the test together with your intending spouse?</i>		
27	<i>Would you prefer to do it in</i>		
	a) Government hospital / laboratory		
	b) Private hospital / clinic		
	c) Mission hospital		
28	<i>If you prefer to do it separately, will you reveal your result to your intending spouse</i>		
29	<i>Will you still marry your loved one after the test no matter the result</i>		
30	<i>If your answer to question 19 is 'NO', what are your possible reasons?</i>		
	a) Fear of knowing my genotype status		
	b) The screening test is costly		
	c) Fear of cancelling my marriage		
	d) I don't want to make my genotype known to the public		
	e) My religion does not allow it		
	f) People with the disorder are isolated from the society		
	g) The laboratory result may not be reliable		
	h) My family will be against such marriage		
31	<i>Would you encourage others to screen for SCD</i>		
32	<i>Do you think government should prohibit marriage between incompatible couple</i>		
33	<i>Have you been tested for any disease before marriage (for married respondents only)</i>		