Table 1. The mean, standard deviation and knowledge, function and constructs of health belief model

Construct	Minimum score	Maximum score	Mean±SD	Status
Knowledge	21.43	78.57	46.85±15.13	Poor
Function	33	83	55.16±12.73	Moderate
Perceived sensitivity	35.71	100	76.99±11.77	Good
Perceived severity	42.86	96.43	68.32±12.21	Moderate
Perceived benefits	54.17	100	81.94±10.51	Good
Perceived barriers	3.57	96.43	60.41±20.09	Moderate
Perceived self-efficacy	40	95	71.45±10.79	Moderate
Cues to action	21.43	85.71	64.32±11.48	Moderate

Table 2. Matrix correlation between mean scores of knowledge, function, and health belief model constructs in standard precautions

	Knowledge	Perceived sensitivity	Perceived severity	Perceived barriers	Perceived benefits	Perceived self-efficacy	Cues to action	Function
Knowledge	1							
Perceived sensitivity	0.199	1						
Perceived severity	0.045	0.149	1					
Perceived barriers	-0.015	0.267*	-0.135	1				
Perceived benefits	0.283**	0.408**	0.358**	0.168	1			
Perceived self-efficacy	0.173	0.406**	0.344**	0.251*	0.479**	1		
Cues to action	-0.123	0.463*	0.248*	0.266*	0.223*	0.365**	1	
Function	0.139	0.307**	0.002	0.159	0.248*	0.240*	0.242*	1

* Significant at 0.05; ** significant at 0.01

Table 3. Linear regression analysis between the mean score of standard precautions, knowledge and constructs of the health belief model

Variable	Regression coefficient (B)	Standard error (SE)	P value
Knowledge	0.065	0.093	0.484
Perceived sensitivity	0.535	0.490	0.279
Perceived severity	-0.490	0.438	0.266
Perceived benefits	0.656	0.639	0.308
Perceived barriers	0.038	0.254	0.883
Perceived self-efficacy	0.252	0.374	0.503
Cues to action	0.573	0.494	0.250