

Educating Mississippians in the Delta about Prostate Cancer:

A Cross-sectional study of Brochure and Factsheet

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Background: Although prostate cancer is the second leading cause of cancer deaths in men, little is known about the level of awareness among men and women or how this affects their attitude towards screening.

Objective: To evaluate whether educational materials affected men and women's knowledge about prostate cancer.

Participants: Eighty (80) men and women between the ages of 35 and 70 years who responded to a self administered survey.

Intervention: Educational brochure and factsheet.

Outcome Measures: Mean difference between pre-test and post-test score.

Results: The mean average of the post-test score increased significantly as measured by correct responses to the ten questions about prostate cancer (74% vs. 90%; P = 0.000). The brochure and factsheet helped to increase the knowledge of prostate cancer among Mississippians in the Delta region.

Conclusions: Educational brochure and factsheet enhanced prostate cancer knowledge; it was a low-cost and easily implemented intervention.

Demographics-Table 1

Description of Participants for pre-test and post-test n=80				
Demographic Characteristics	n (%)	P1	P2	
Gender				
Male	36.30%	0.622	0.020*	
Female	63.80%			
Marital Status				
Single	37.50%	0.714	0.758	
Married	42.50%			
Divorce	13.80%			
Others	5.00%			
Age				
Less than 40 years	23.80%	0.898	0.331	
40-49	40.00%			
50-59	20.50%			
60-69	10.00%			
70+	5.00%			
Highest level of education				
Less than high school	3.80%	0.280	0.536	
High school	38.80%			
College	38.80%			
Post-graduate	16.30%			
Race				
African American	80.00%	0.823	0.043*	
Caucasian	16.30%			
Hispanic	1.30%			
Others	1.30%			
Income				
Less than \$20,000	41.30%	0.043*	0.512	
\$20,001-\$30,000	16.30%			
\$30,001-\$40,000	17.50%			
\$40,001-\$50,000	7.50%			
\$50,000+	15.00%			

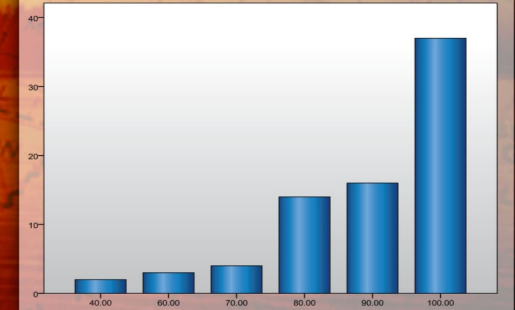
Participants' scores for pre-test and post-test assessment-Table 2

	Pre-test (n= 80)		Post-test (n= 80)		P-value
	M	SD	M	SD	
Knowledge score	73.65	20.91	89.86	13.60	.000***

Participants' scores for pre-test assessment-Chart 1



Participants' scores for post-test assessment-Chart 2



References

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