

Patient Safety Culture Among Nurses

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BACKGROUND

Patient safety is considered to be crucial to healthcare quality and has become a main concern for healthcare organization around the world.

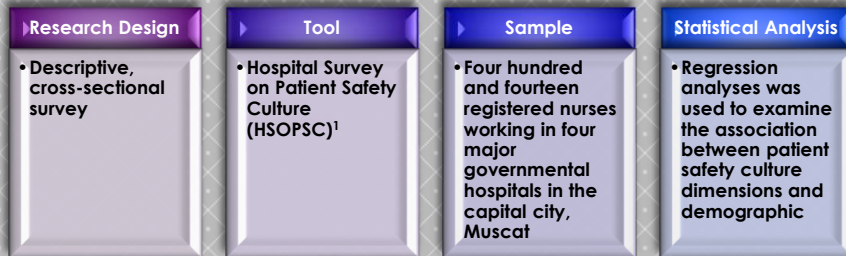


Health care organizations are urged to assess their culture regarding patient safety in order to improve patient safety within the health care process

PURPOSE

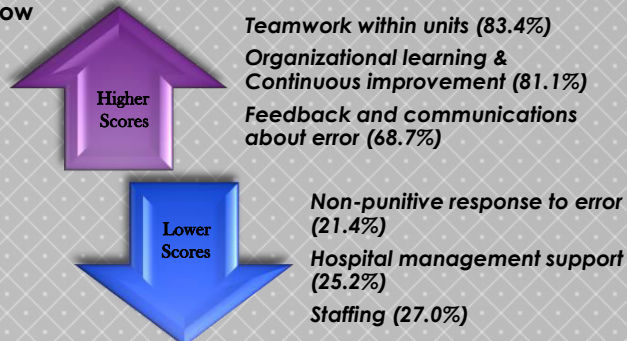
This study aims to investigate the perception of nurses about patient safety culture and to identify factors to develop and maintain safety culture in Oman

METHODS

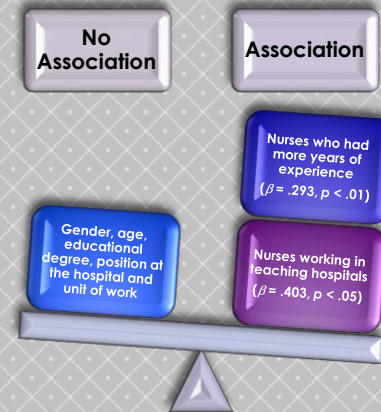


RESULTS

The scores obtained by the participants in the safety culture dimensions is portrayed below



Association between the participants' perception of patient safety culture and their demographic variables is represented below:



Multiple regression analysis of patient safety culture measures on overall patient safety grade and frequency events reported

Variable	Overall Perception of Safety		Frequency of Events Reports	
	β	t-value	β	t-value
Supervisor / manager expectations / actions promoting patient safety	.280	5.495***	-.056	-.701
Organizational learning and continuous improvement	-.046	-.621	-.198	2.081*
Teamwork within units	-.028	-.414	.208	2.410*
Non-punitive response to error	-.048	-.840	.034	.474
Staffing	.089	1.320	-.043	-.503
Hospital management support for patient safety	-.026	.499	-.212	-2.181*
Teamwork across hospital units	.394	5.294***	-.479	5.255***
Hospital handoffs and transitions	.224	3.280**	.100	1.147
Communication openness	.013	.214	-.042	-.539
Feedback and communications about error	.314	4.965***	*.438	5.399***

CONCLUSION

Organizational learning and continuous improvement, hospital management support, supervisor/manager expectations, feedback and communications about error, teamwork, hospital handoffs and transitions were identified as major patient safety culture predictors. Investing in practices that addressing these issues and prioritizing patient safety is very essential in Omani hospitals in order to improve patient safety.