

Study on the Assessment of Knowledge of Spiritual Care and Its Applications Among Healthcare Providers at Prince Sultan Military Medical City in Riyadh

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BACKGROUND

Spiritual care (SC) is a fundamental component of holistic patient-centered care.

Adequate knowledge and application of SC among healthcare providers are essential to meet patients' spiritual needs.

Limited data exist on the level of knowledge and its determinants among healthcare providers in military medical settings.

OBJECTIVES

- To assess the level of knowledge of spiritual care concepts and its practical applications among healthcare providers at Prince Sultan Military Medical City (PSMMC) in Riyadh.
- To examine the effect of selected variables (gender, religion, specialty, and years of experience) on knowledge and application of spiritual care.

RESEARCH QUESTIONS

- What is the level of knowledge regarding the concept of spiritual care?
- What is the level of awareness regarding the application of spiritual care in practice?
- Are there statistically significant differences based on demographic variables?

STUDY HYPOTHESES

H1: Healthcare providers at PSMMC have limited knowledge of the concept of spiritual care.

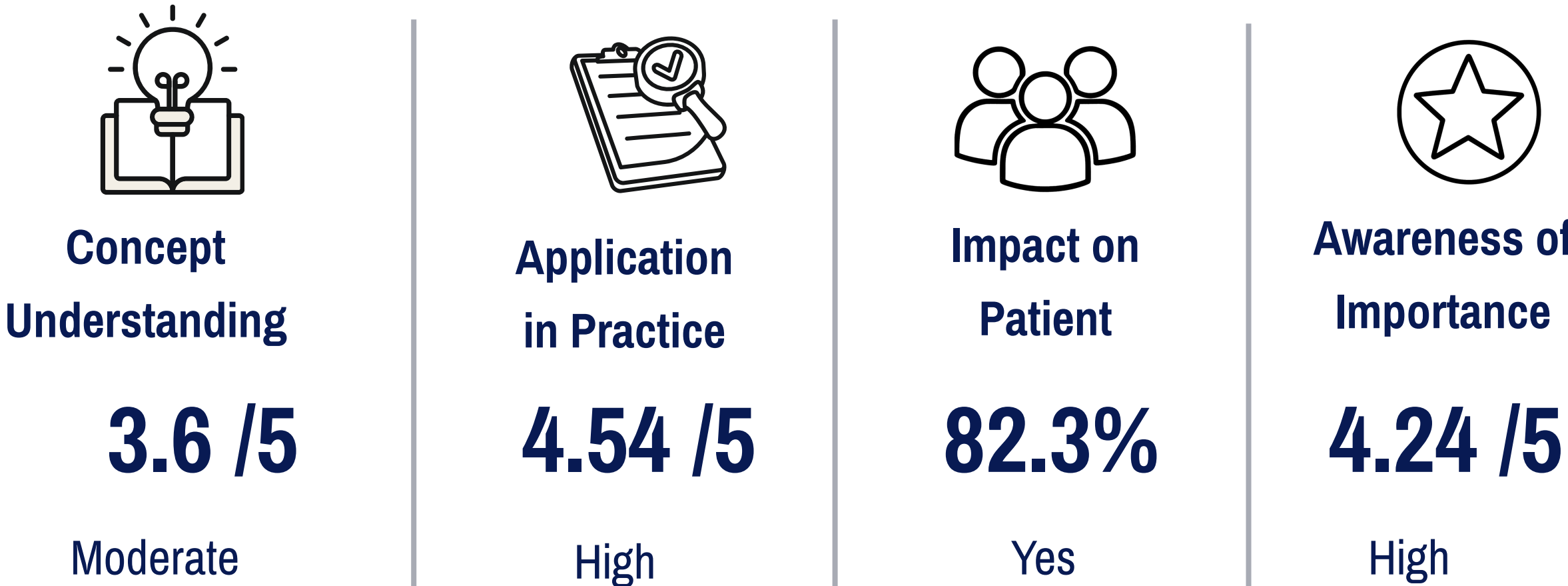
H2: Healthcare providers at PSMMC have limited awareness of its application in patient care.

H3: There are statistically significant differences in knowledge and application based on gender, religion, profession, years of experience, and educational qualification.

METHODOLOGY

- Design:** Descriptive-Analytical Study
- Setting:** Prince Sultan Military Medical City (PSMMC), Riyadh
- Population:** All healthcare providers
- Sample:** 402 participants
- Sampling Method:** Simple Random Sampling
- Instrument:** Structured Questionnaire
- Reliability:** Cronbach's alpha = 0.60 (acceptable)
- Analysis:** SPSS (Descriptive statistics, T-test, ANOVA)
- Significance Level:** $p \leq 0.05$

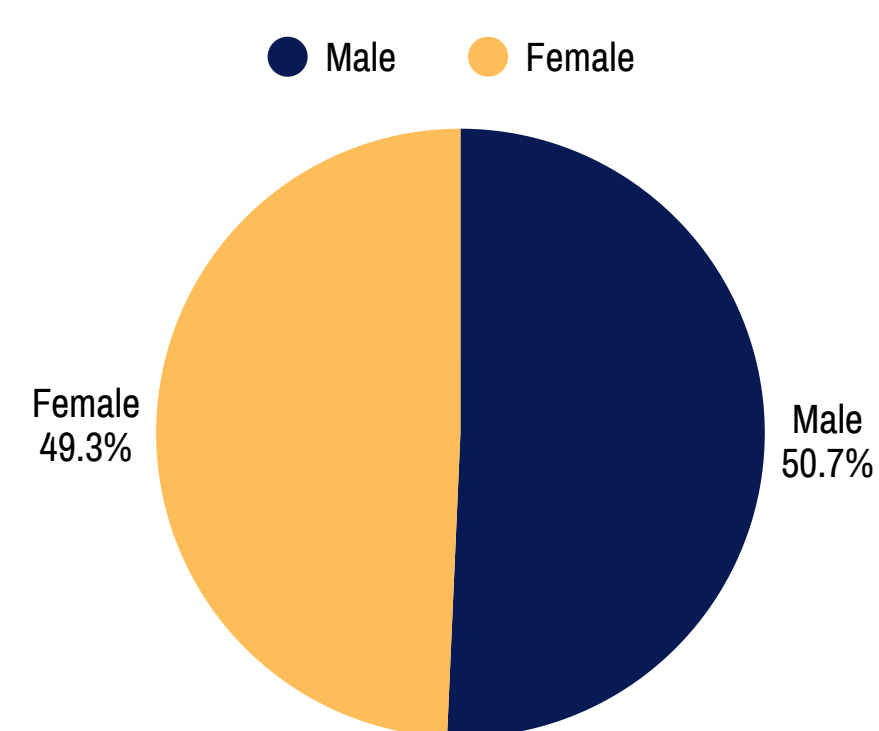
KEY FINDINGS (OVERVIEW)



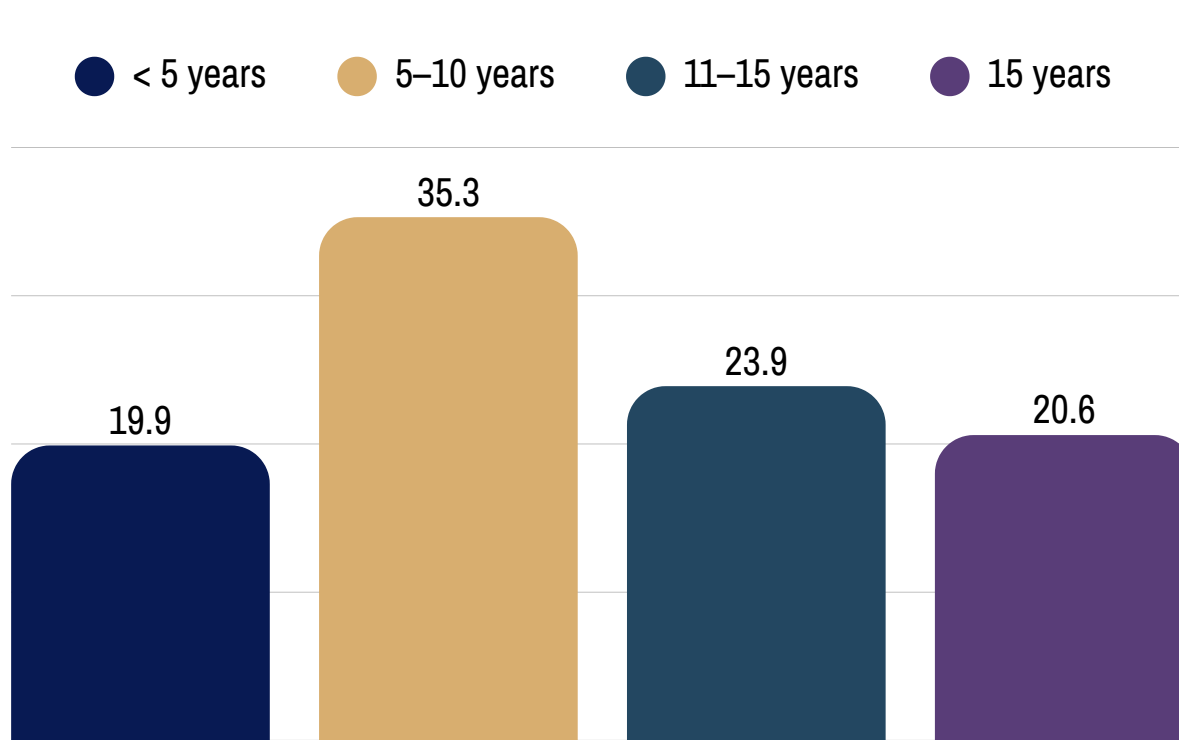
Overall: High awareness of importance and high practical application, but moderate conceptual understanding of spiritual care

PARTICIPANT CHARACTERISTICS (N = 402)

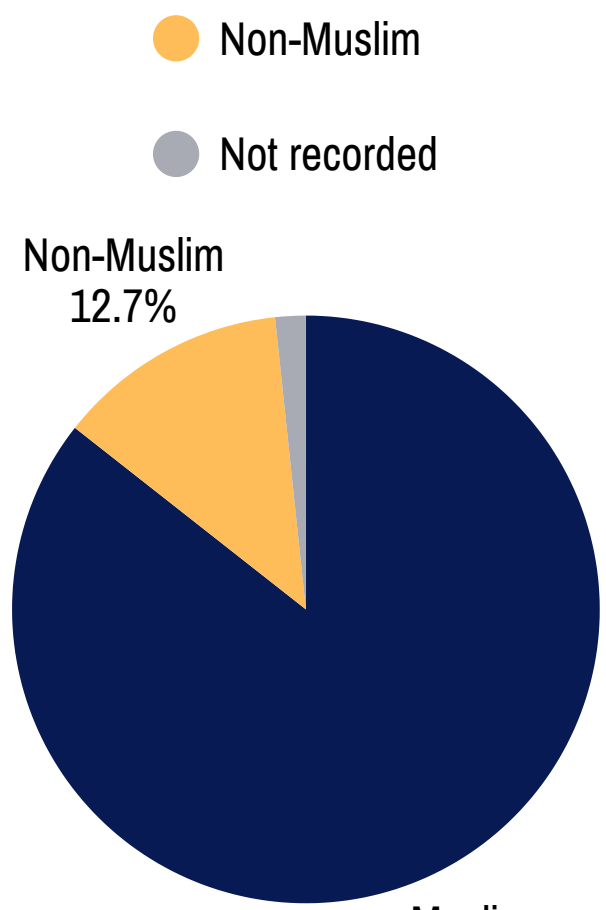
Gender:



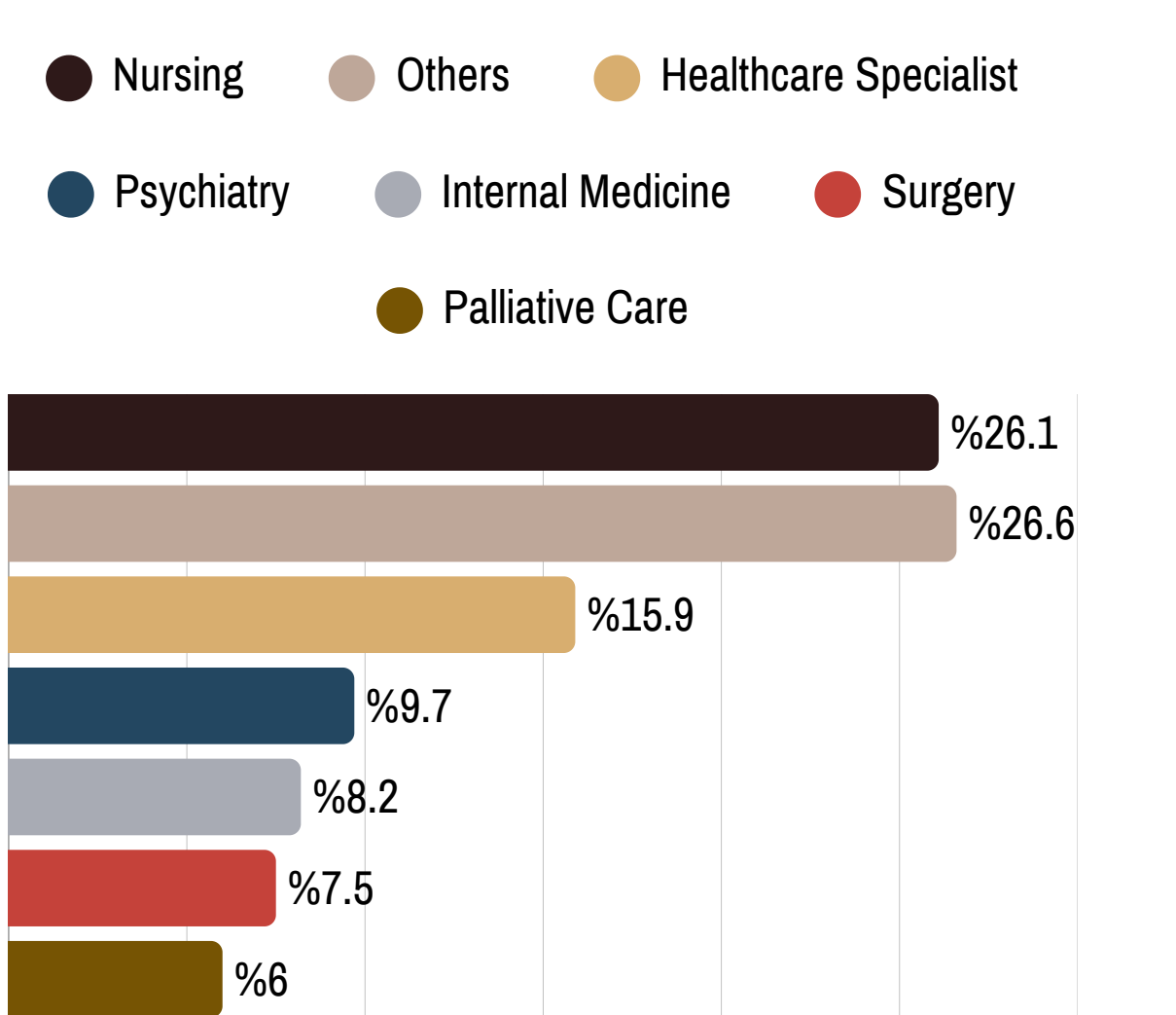
Years of Experience:



Religion:



Specialty:

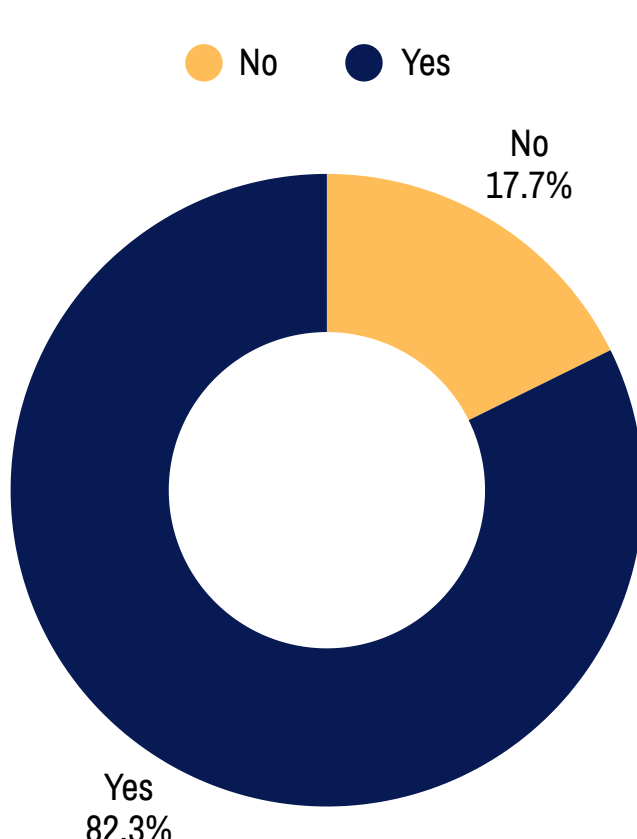


LEVEL OF KNOWLEDGE AND APPLICATION

Knowledge Scores (Mean out of 5)

domain	Mean ± SD	level
Concept understanding	3.60 ± 0.59	Moderate
Importance of spiritual care	4.24 ± 0.67	High
Impact on Patient	4.50 ± 0.78	Very High

Practical Application Application In Daily Practice



overall Mean scores

total Mean for Knowledge(concepts)

3.60 / 5

Moderate

Mean score for daily Practice (Application)

4.54 / 5

High

A clear gap exists between high awareness and high application in practice, and moderate conceptual understanding.

CONCLUSION

- Healthcare providers at PSMMC demonstrate high awareness of the importance of spiritual care and actively apply it in practice.
- However, their conceptual understanding remains at a moderate level.
- Significant differences exist based on religion, specialty, and years of experience, while gender shows no effect.
- Strengthening knowledge through structured education and institutional support is essential to improve spiritual care quality.

STATISTICAL SIGNIFICANCE OF VARIABLES ($p \leq 0.05$)

Significant Differences Found:

- | | | |
|---|------------------------|-------------|
| ✓ | Religion | Significant |
| ✓ | Specialty (Profession) | Significant |
| ✓ | Years of Experience | Significant |

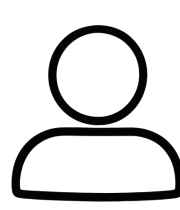
No Significant Difference:

- | | | |
|---|--------|-----------------|
| ✗ | Gender | Not Significant |
|---|--------|-----------------|

Interpretation

Knowledge and application of spiritual care are influenced by religion, specialty, and years of experience, but not by gender

CHALLENGES IN PROVIDING SPIRITUAL CARE

- | | | |
|---|--|--------------|
|  | Patient resistance | 54.2% |
|  | Need for training | 68.7% |
|  | Limited institutional support /resources | 17.7% |

Indicates a strong need for structured training programs.

STUDY AT A GLANCE

Item	Details
Study Design	Descriptive-Analytical
Setting	Prince Sultan Military Medical City (PSMMC), Riyadh
Sample Size	402 Healthcare Providers
Sampling Method	Simple Random Sampling
Data Collection Tool	Structured Questionnaire
Reliability	Cronbach's $\alpha = 0.60$
Data Analysis	SPSS (Descriptive, T-test, ANOVA)
Significance Level	$p \leq 0.05$

RECOMMENDATIONS

- Integrate spiritual care into healthcare curricula and professional education.
- Develop regular training programs and workshops.
- Provide supportive environments and institutional resources.
- Establish specialized spiritual care units or teams.
- Encourage further research in healthcare settings.