

Health Literacy and Intercultural Competence Training Among Second-Year Nursing Students



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Introduction

- Communication is Key
- Nurse-Patient Relationship
- Diverse patients with diverse needs



Intercultural Competence (ICC)

- ICC is the ability to communicate and understand your own and other cultures' beliefs as well as have a positive attitude about cultural differences.^{1,2}

Health Literacy

- Health literacy refers to how patients access, understand and apply information to make health related decisions.³



Research Questions

- RQ1: Are there differences in students intercultural competence confidence and self-efficacy before and after an education training intervention and clinical fieldwork?
- RQ2: Are there differences in students health literacy beliefs and knowledge before and after an education training intervention and clinical fieldwork?



Sample

- Secondary dataset of 157 second-year nursing students.
 - Second-year bachelor's of science students (n=60)
 - Second-year associate's degree student (n=97)



Pre and Post Assessment

1. Transcultural Self-Efficacy Tool (TSET)⁴

Subscale	Question	Likert Scale (1-10)
Cognitive	Among clients of different cultural backgrounds, how knowledgeable are YOU about the ways which cultural factors may influence nursing care in the following areas:	Health history and interview
		Diet and nutrition
		Life support and resuscitation
Practical	Right NOW , how confident are YOU about interviewing patients of different cultural backgrounds to learn about their values and beliefs about:	Language preferences
		Religious practices and beliefs
		Gender role and responsibility
Affective	Please rate YOUR degree of confidence or certainty for each of the following items. About yourself, you are AWARE OF:	YOUR OWN cultural heritage and belief system
		YOU OWN biases and limitations
		Differences within YOUR OWN cultural group
		Insensitive and prejudicial treatment
		Comfort and discomfort felt when entering a culturally different world
Please rate YOUR degree of confidence or certainty for each of the following items. Among patients of different cultural backgrounds, you are AWARE OF:	Interaction between nursing, folk, and professional systems	



Pre and Post Assessment

2. Health Literacy Beliefs and Knowledge Survey

- Belief Questions from the “Always Use Teach-Back Conviction and Confidence Scale”⁵
- Knowledge Questions



Educational Intervention

3-Hour Class Session

- Health Literacy
- Intercultural Competence
- Interactive Panel Discussion



Results

RQ1: Are there differences in students intercultural competence confidence and self-efficacy before and after an education training intervention and clinical fieldwork?

Subscale	Pre Scores		Post Scores		
	Median	Median	z	p	r
Cognitive Score	7.52	8.76	7.681	<.001	.62
Practical Score	7.32	8.79	7.319	<.001	.60
Affective Score	8.63	9.18	6.533	<.001	.53



RQ2: Are there differences in students health literacy beliefs and knowledge before and after an education training intervention and clinical fieldwork?

Health Literacy Belief Scores					
	Pre	Post	z	p	r
Median	97	98	3.037	.002	.25

Health Literacy Knowledge Scores						
	Pre	Post	z	df	p	d
Mean	9.5	9.9	2.9	152	.004	.234



Discussion

- Increase in self-efficacy, confidence and knowledge.
- Communication confidence and self-efficacy can positively change with training and hands-on practice.



Conclusion

- An educational intervention and clinical fieldwork increased second-year nursing students confidence and self-efficacy.
- Teaching ICC and health literacy simultaneously can help prepare future nurses to work with diverse patients.



References

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What questions do you have?

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