

Table

Pretest and Posttest scores of the Nursing Leadership Competence Assessment Scale for Undergraduate Nursing Students (NLCAS/UNS; N = 120)*

Items	Level 1: freshmen and sophomores			<i>n</i> = 59	
	Score			<i>t-test</i>	<i>p</i>
	Pretest Mean	Posttest Mean	Mean Difference		
Level 1: Recognizing achievements among leaders					
1. Understanding and identifying the characteristics of nursing leaders and activities related to these leaders	3.75	4.69	0.94	3.150	.004
2. Understanding the importance of communication and interpersonal relationship in the process of health examination	3.19	4.00	0.81	2.684	.012
3. Understanding the management of equipment in the nursing skills lab	3.96	4.78	0.82	2.883	.008
4. Understanding the importance of professional competence and interpersonal relationships in nursing care	4.96	5.11	0.15	0.558	.581
5. Understanding the various stages in human development	3.38	5.19	1.81	5.741	.001
Items	Level 2: juniors			<i>n</i> = 29	
	Score			<i>t-test</i>	<i>p</i>
	Pretest Mean	Posttest Mean	Mean Difference		
Level 2: Experiencing personal characteristics, leading people, resource management, and vision building among nursing leaders					
6. The ability to explain the process of leading patient groups with one’s peers	4.38	5.10	0.72	2.282	.030
7. Time management and group interaction management during clinical internship	4.90	5.41	0.51	2.353	.026
8. The ability to explain the role of leaders regarding communication and coordination between patients/families and medical teams	4.79	5.10	0.31	1.104	.279
9. The ability to explain interaction with people of different age groups	5.21	5.86	0.65	2.528	.017
10. The ability to explain to peers and faculty members the application of innovations, communication, coordination, and resources to ethical decisions made by leaders	4.41	5.10	0.69	3.099	.004
Items	Level 3: seniors			<i>n</i> = 32	
	Score			<i>t-test</i>	<i>p</i>
	Pretest Mean	Posttest Mean	Mean Difference		
Level 3: Applying leadership competence in patient care and teamwork					
11. The ability to apply leadership competence in nursing practices	5.00	5.09	0.09	0.399	.693
12. The ability to apply leading people skills to communicate with and care for patients with mental illness	4.81	5.63	0.82	3.660	.001
13. The ability to allocate resources for community development affairs	4.69	4.97	0.28	1.158	.265
14. The ability to build one’s own career visions for the nursing profession	5.50	5.63	0.13	0.584	.564

Note: *120 = 59 freshmen and sophomores + 29 juniors + 32 seniors.