Table. QSEN Based Clinical Evaluation Instrument Content Validation Results:

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| --- | --- | --- | --- | --- |
| Item | I-CVI | Mean score | SD | ka |
| **Patient-Centered Care** |  |  |  |  |
| 1. Provide comprehensive patient care in compliance with clinical agency policy and procedure | 1 | 4.0 | 0 | 1 |
| 2. Synthesize pathophysiology of patient conditions and associated pharmacological interventions, drawing on past experiences to improve quality of life for individuals, families, and community systems in a comprehensive plan of care | 1 | 4.0 | 0 | 1 |
| 3. Demonstrate caring behaviors, modifying interventions to address actual and anticipatory physical, emotional, and spiritual comfort, pain, and/or suffering | 1 | 4.0 | 0 | 1 |
| 4. Collect a family history and identify disorders that may indicate need for genetic assessment  | .83 | 3.16 | 1.16 | .81 |
| 5. Demonstrate cultural sensitivity and respect for diversity in promoting health and maintenance in health care settings  | 1 | 3.83 | .40 | 1 |
| 6. Evaluate effectiveness of patient and family teaching and modify plan of care as needed  | .83 | 3.66 | .81 | .81 |
| 7. Advocate for and include the patient and family as the center of the caregiving team when setting and modifying care goals | 1 | 3.83 | .4 | 1 |
| 8. Engage patients and families in discharge planning that includes evidence-based strategies to prevent avoidable readmissions throughout the hospital stay | 1 | 3.66 | .51 | 1 |
| **Teamwork and Collaboration** |  |  |  |  |
| 9. Coordinate and delegate to the inter-professional healthcare team within the scope of practice  | 1 | 3.66 | .51 | 1 |
| 10. Recognize changing patient condition and communicate changes in patient status to the inter-professional team in a timely manner using SBAR framework \* | 1 | 4 | 0 | 1 |
| 11. Conduct patient care reports ( hand-off communication) efficiently and effectively  | 1 | 3.83 | .4 | 1 |
| 12. Engage patient and family in a partnered relationship by providing relevant information, resources, access, and support  | 1 | 3.83 | .4 | 1 |
| 13. Accurately interpret physician and inter-professional orders and communicate about orders accordingly | 1 | 4 | 0 | 1 |
| 14. Initiate requests for help when appropriate to situation  | 1 | 4 | 0 | 1 |
| 15. Provide support to colleagues to complete work efficiently when appropriate  | .83 | 3.66 | .81 | .81 |
| 16. Complete electronic charting in the electronic health record in a timely manner  | 1 | 3.66 | .51 | 1 |
| Item | I-CVI | Mean score | SD | ka |
| **Evidence-based Practice**  |  |  |  |  |
| 17. Integrate EBP based on current literature into clinical practice in healthcare settings  | 1 | 4 | 0 | 1 |
| 18.Provide evidence that clinical practice incorporates the principles and priorities of the program’s models: Watson’s Caring Theory, the Rogerian Model, and Benner’s Novice to Expert Theory to clinical nursing practice  | 1 | 3.33 | .51 | 1 |
| 19. Complete weekly correlation guideline (clinical learning paperwork) applying concepts of pathophysiology, pharmacological implications, and nursing knowledge based on standards of practice and submit to clinical professor in a timely manner  | 1 | 4 | 0 | 1 |
| **Quality Improvement** |  |  |  |  |
| 20. Recognize and communicate variance reporting on nurse sensitive indicators: pressure ulcer prevention; UTI from urinary catheters; central line infection; etc  | 1 | 3.83 | .4 | 1 |
| 21. Critique approaches for changing processes of care, ie: identifying areas for improvement, PDSA cycles | 1 | 3.66 | .51 | 1 |
| 22. Critique the effect of nursing interventions on patient outcomes | 1 | 4 | 0 | 1 |
| 23. Value ongoing self-assessment and commitment to excellence in practice  | 1 | 3.83 | .4 | 1 |
| **Safety** |  |  |  |  |
| 24. Appraise health care environment to determine patient safety needs  | 1 | 4 | 0 | 1 |
| 25. Employ effective strategies to improve organization/time management and reduce reliance on memory  | 1 | 4 | 0 | 1 |
| 26. Perform safe, timely medication administration \* | 1 | 4 | 0 | 1 |
| 27. Perform clinical procedures with the expected level of knowledge and skill of a senior student \* | 1 | 4 | 0 | 1 |
| 28. Demonstrate effective strategies to reduce risk of harm to self or others through both system effectiveness and individual performance (ie: 2 patient identifiers, independent double checks) | 1 | 4 | 0 | 1 |
| 29. Support a just culture by communicating concerns related to hazards and errors without engaging in blaming behaviors  | 1 | 3.83 | .4 | 1 |
| Informatics |  |  |  |  |
| 30. Utilize the electronic health record appropriately to obtain information and document responses to care where appropriate in the clinical setting  | 1 | 4 | 0 | 1 |
| 31. Protect confidentiality of electronic health records data, information, and knowledge of technology in an ethical manner \* | 1 | 4 | 0 | 1 |
| Item | I-CVI | Mean score | SD | ka |
| 32. Utilize technology and information management tools for data mining to support critical thinking for clinical reasoning and quality improvement that support safe processes of care | 1 | 3.83 | .4 | 1 |
| Professional Role Development |  |  |  |  |
| 33. Demonstrate core professional values (caring, altruism, autonomy, integrity, human dignity, and social justice)  | 1 | 4 | 0 | 1 |
| 34. Accept constructive feedback and develop a plan of action for improvement  | 1 | 4 | 0 | 1 |
| 35. Maintain a positive attitude and interact with inter-professional team members, faculty, and fellow students in a positive, professional manner  | 1 | 4 | 0 | 1 |
| 36. Arrive to clinical experiences at assigned times maintaining appropriate professional appearance  | 1 | 4 | 0 | 1 |
| 37. Assume full accountability for professional behavior during the clinical experience and perform within ethical/legal norms, discussing dilemmas arising from care for patients with acute illness  | 1 | 4 | 0 | 1 |
| 38. Assume responsibility for learning experiences  | 1 | 4 | 0 | 1 |
| 39. Comply with the ANA Code of Ethics, standards of practice, and policies and procedures of the college, the school of nursing, and clinical agencies | 1 | 4 | 0 | 1 |
| 40. Accept responsibility and accountability for nursing interventions, treatment outcomes and the changes that occur during the provision of care  | 1 | 4 | 0 | 1 |
| 41. Execute a self-evaluation of own ability to provide nursing care that is in accordance with professional standards of nursing care  | .83 | 3.66 | .81 | .81 |
| 42. Recognize responsibilities of the leadership role to coordinate nursing functions based on assessed competencies and abilities of peers  | .83 | 3.66 | .81 | .81 |

Rating Scale: 1=not relevant; 2=somewhat relevant; 3=quite relevant; 4= highly relevant

I-CVI range = 0-1; I-CVI > .83 = valid

ka modified kappa coefficient adjusting for chance agreement among reviewers on relevance of item; > .78 = excellent

Criteria marked with \* indicate critical knowledge, skills, and attitudes that directly relate to client safety. A minimum skill level of 2 is required at all times; ratings less than 2 could result in immediate clinical failure, in which event the student may not continue any clinical experiences for the remainder of the course.