Table 1. Instrument Content Validation Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | CVI | Mean score | SD | k\* |
| **Patient Centered Care** |  |  |  |  |
| 1. Elicits patient values, preferences, and expressed needs as part of the clinical interview, diagnosis, implementation of care plan, and evaluation of care. | 1 | 4 | 0 | 1 |
| 2. Elicits relevant history (episodic, follow-up or comprehensive) demonstrating sensitivity, empathy, and respect for diverse groups of patients by including patient values and preferences. | 1 | 4 | 0 | 1 |
| 3. Performs appropriate/relevant physical examination (age-appropriate, comprehensive, or focused). | 1 | 4 | 0 | 1 |
| 4. Assesses and manages pain and suffering based on patient’s values, preferences, and expressed needs. | 1 | 4 | 0 | 1 |
| 5. Demonstrates knowledge of pathophysiology of patient conditions for differential diagnosis and associated pharmacological interventions, drawing on past experiences to improve quality of life for individuals, families, and community systems in a comprehensive therapeutic plan of care. | 1 | 4 | 0 | 1 |
| 6. Demonstrates cultural humility and respect for diversity when evaluating health promotion/self-care activities of patient/family and in promoting health maintenance/health promotion plan. | 1 | 4 | 0 | 1 |
| 7. Advocates for and includes the patient and family as the center of the caregiving team when setting and modifying care goals. | 1 | 4 | 0 | 1 |
| 8. Demonstrates appropriate teaching/counseling skills re: patient/family identified health problems, risk factors, and preventative care. | 1 | 4 | 0 | 1 |
| **Teamwork and Collaboration** |  |  |  |  |
| 9. Functions competently to the fullest scope of the advanced practice role as a member of the health care team. | 1 | 4 | 0 | 1 |
| 10. Consults and solicits guidance with diagnostic reasoning from appropriate individuals/sources. | 1 | 4 | 0 | 1 |
| 11. Uses appropriate communication with patients, families, and healthcare team members by analyzing and improving own communication skills. | 1 | 4 | 0 | 1 |
| 12. Engages patient and family in a collaborative relationship by asking for and respecting their input, and providing relevant information, resources, access, and support with attention to health care literacy. | 1 | 3.833 | 0.408 | 1 |
| 13. Collaborates with others (ie: specialists, pharmacists, social workers) to empower patient/family to achieve goals. | 1 | 4 | 0 | 1 |
| Item | CVI | Mean score | SD | k\* |
| Evidence-based Practice |  |  |  |  |
| 14. Employs efficient and effective search strategies to answer focused clinical questions. | 1 | 4 | 0 | 1 |
| 15. Exhibits comprehensive knowledge of best evidence related to practice specialty and incorporates one’s own clinical expertise when developing list of appropriate differential diagnoses. | 1 | 3.833 | 0.408 | 1 |
| 16. Discusses/performs appropriate evidence-based diagnostic work-up. | 1 | 4 | 0 | 1 |
| 17. Analyzes how the strength of available evidence impacts policy changes and influences the provision of care (assessment, diagnosis, treatment, and evaluation). | 1 | 3.833 | 0.408 | 1 |
| Quality Improvement |  |  |  |  |
| 18. Demonstrates awareness of cost-effectiveness of diagnostic work-up and management options. | 1 | 3.833 | 0.408 | 1 |
| 19. Uses data to review processes and outcomes of care and identify potential areas for improvement. | 1 | 4 | 0 | 1 |
| 20. Uses systematic, data driven approaches (ie: PDSA cycles) to change processes of care. | 1 | 3.833 | 0.408 | 1 |
| Safety |  |  |  |  |
| 21. Participates as a team member to design, promote, and model effective use of technology and standardized practices that support safety and quality. | 1 | 3.833 | 0.408 | 1 |
| 22. Employs effective strategies to reduce reliance on memory (ie: checklists, forcing functions) and improve organization/time management. | 1 | 3.833 | 0.408 | 1 |
| 23. Supports a Just Culture and systems focus by communicating concerns related to hazards and errors without engaging in blaming behaviors. | 1 | 3.5 | 0.837 | .81 |
| 24. Identifies and corrects system failures and hazards in care. | 1 | 3.833 | 0.408 | 1 |
| 25. Prevents escalation of conflict by responding appropriately to aggressive behavior. | 1 | 3.667 | 0.516 | 1 |
| Informatics |  |  |  |  |
| 26. Documents data in an organized and comprehensive manner utilizing appropriate technology safety and security. | 1 | 4 | 0 | 1 |
| 27. Champions communication technologies that support tracking and interpretation of outcomes, clinical decision-making, error prevention, care coordination, and protection of patient privacy. | 1 | 3.667 | 0.516 | 1 |
| Professional Role Development |  |  |  |  |
| 28. Manages time with increasing competency - Conducts patient visits and other on-site activities within expected timeframe. | 1 | 3.833 | 0.408 | 1 |
| Item | CVI | Mean score | SD | k\* |
| 29. Presents self in accordance with clinical agency, School of Nursing, and professional standards for appearance and conduct. | 1 | 4 | 0 | 1 |
| 30. Demonstrates personal responsibility and accountability for accurate history and assessment, plan of care, treatment outcomes, and follow-up. | 1 | 4 | 0 | 1 |
| 31. Assumes full accountability for professional behavior and performs within accepted ethical and legal standards. | 1 | 4 | 0 | 1 |
| 32. Accepts constructive feedback, self reflects, and develops an action plan for improvement. | 1 | 4 | 0 | 1 |
| 33. Engages in reflective practice to critique, develop, and monitor own learning needs; seeks/negotiates clinical experiences to meet those needs. | 1 | 4 | 0 | 1 |
| 34. Is prepared for clinical experience. | 1 | 4 | 0 | 1 |

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

Rating Scale indicate by mean: 4= highly relevant; 3= quite relevant; 2= somewhat relevant;

1= not relevant

k\* modified kappa coefficient designating agreement on relevance