

Appendix 1. Item reduction summary of the PPCC-NS

No.	Item	Stage removed	Reason for removal
	I can apply nursing care to relieve the patient's nausea and vomiting after surgery	CV	CVI=.70
	I can recognize fluid and electrolyte imbalances in postoperative patient care	CV	CVI=.70
	I can plan the necessary nursing care for pain management that can be provided by nursing interventions after surgery	CV	CVI=.70
	I can detect the postoperative complications by evaluating the patient	CV	CVI=.70
	I try to reason on the basis of objective evidence when planning my interventions in postoperative patient care	CV	CVI=.70
I2	I pay attention to legal requirements in postoperative care, such as informed consent, correct treatment, and correct site surgery	EFA	FL=.39
I12	I can prepare a patient education plan according to their needs in the postoperative period	EFA	FL=.31
I14	I can identify risky behaviors and habits in the postoperative period.	EFA	FL=.32
I15	I can plan nursing care to relieve postoperative nausea and vomiting	EFA	FL=.31
I17	I can provide care for postoperative pain management under nurse supervision	EFA	FL=.37
I19	I can evaluate medications for their effects and side effects in postoperative treatment	EFA	FL=.33
I20	I can check the adequacy of emergency supplies and medications	EFA	FL=.34
I25	I can communicate and collaborate effectively with surgical care team members	EFA	FL=.37
I26	I can inform patients and their relatives about postoperative care	EFA	FL=.35
I28	I use materials and resources economically in postoperative patient care	EFA	FL=.36
I30	I stay motivated for my professional development in postoperative care	EFA	FL=.35
I36	I use evidence-based scientific resources for my professional development	EFA	FL=.39

Items with CVI <.80 or FL <.40 were eliminated.

CV, content validity; CVI, content validity index; EFA, exploratory factor analysis; FL, factor loading.