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Kim, Kyung-Yun ***** . Huang, Zhen-Yu ***** . Yuk, Moon-Ae *****

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 , 91.4%가 . 54.3%가 ,
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 2. (M=4.277), (M=4.250),
 (M=4.222), : (M=
 가 (domain) 4.222), (M=4.222) <Table 1>.

<Table 1> Interventions Used Most Frequently(At Least Daily)

Domain	Class	Nursing Interventions	Mean	SD	Rank
Physiological: Complex	Tissue Perfusion Management	Intravenous(IV) Therapy	4.416	.624	3
		Intravenous(IV) Insertion	4.305	.624	5
		Cardiac Care	4.111	.949	17
		Cardiac Care: Acute	4.055	1.012	18
		Hemorrhage Control	4.055	.924	18
		Bleeding Reduction	4.027	.877	22
		Fluid Resuscitation	4.000	.956	24
	Skin/ Wound Management	Pressure Ulcer Prevention	4.444	1.054	2
		Pressure Ulcer Care	4.222	1.124	8
		Wound Irrigation	4.194	.467	11
		Wound Care	4.055	.753	18
		Skin Surveillance	4.000	.792	24
	Perioperative Care	Positioning: Intraoperative	4.277	.974	6
		Surgical Assistance	4.194	1.090	11
		Surgical Preparation	4.138	1.174	14
		Infection Control: Intraoperative	4.055	1.169	18
		Surgical Precautions	4.000	1.095	24
	Respiratory Management	Airway Suctioning	4.222	1.149	8
		Airway Management	4.138	1.334	14
	Thermoregulation	Hypothermia Treatment	4.333	1.242	4
		Temperature Regulation: Intraoperative	4.138	.990	14
Physiological: Basic	Immobility Management	Positioning	4.666	.861	1
		Bed Rest Care	4.250	.769	7
		Cast Care: Wet	4.027	1.133	22
	Self-Care Facilitation	Self-Care Assistance: Feeding	4.000	1.330	24
		Tube Care	4.000	1.393	24
Health System	Activity and Exercise Enhancement	Exercise Therapy: Ambulation	4.222	.929	8
	Information Management	Shift Report	4.142	1.263	13

<Table 3> Interventions Used Most frequently (At Least Daily) in General Medical Units(continued)

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Perioperative Care Complex	Surgical Assistance	Surgical Assistance	4.100	.316	26
		Anesthesia Administration	4.000	.816	35
		Surgical Preparation	4.000	.471	35
	Neurologic Management	Unilateral Neglect Management	4.300	.946	13
	Drug Management	Medication Administration: Parenteral	4.100	.875	26
	Respiratory Management	Airway Management	4.000	1.247	35
Physiological: Self-Care Facilitation Basic	Thermoregulation	Fever Treatment	4.100	.994	26
		Self-Care Assistance: Feeding	4.500	1.269	4
		Self-Care Assistance: Toileting	4.500	1.269	4
	Oral Health Maintenance	Oral Health Maintenance	4.200	1.229	17
		Self-Care Assistance	4.200	1.032	17
		Sleep Enhancement	4.200	.918	17
	Tube Care	Tube Care	4.200	1.229	17
		Self-Care Assistance: Bathing/Hygiene	4.100	1.286	26
		Self-Care Assistance: Dressing/Grooming	4.100	1.197	26
	Immobility Management	Positioning	4.800	.632	1
		Cast Care: Wet	4.700	.674	2
		Bed Rest Care	4.400	.692	10
		Cast Care: Maintenance	4.000	1.154	47
	Elimination Management	Tube Care: Urinary	4.600	1.264	3
	Nutrition Support	Diet Staging	4.100	1.197	26
	Physical Comfort Promotion	Environmental Management: Comfort	4.100	.875	26
Behavior	Behavior Therapy	Substance Use Treatment: Alcohol Withdrawal	4.500	.971	4
		Substance Use Treatment: Drug Withdrawal	4.400	1.264	10
		Substance Use Prevention	4.200	.918	17
		Substance Use Treatment	4.000	.942	35
		Humor	4.300	1.251	10
	Coping Assistance	Mood Management	4.200	.918	24
		Hope Instillation	4.200	.918	17
		Touch	4.000	1.054	35
	Patient Education	Teaching: Procedure/Treatment	4.000	1.054	35
Family	Childbearing Care	Attachment Promotion	4.500	1.269	4
		Postpartal Care	4.000	1.054	35
	Health System Management	Physician Support	4.500	.971	4
Health System	Information Management	Specimen Management	4.000	1.699	35
		Shift Report	4.000	1.490	35
Safety	Risk Management	Vital Signs Monitoring	4.000	1.490	35

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<Table 3>.

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<Table 4> Interventions Used Most Frequently (At Least Daily) in General Surgical Units

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Complex	Perioperative Care	Anesthesia Administration	5.000	.000	1
		Infection Control: Intraoperative	5.000	.000	1
		Positioning: Intraoperative	4.000	.000	3
		Surgical Assistance	4.000	.000	3
		Surgical Precautions	4.000	.000	3
		Surgical Preparation	4.000	.000	3
		Preoperative Coordination	4.000	.000	3
	Drug Management	Medication Administration: Parenteral	4.000	.000	3
		Medication Administration: Tropical	4.000	.000	3
		Medication Management	4.000	.000	3
		Medication Prescribing	4.000	.000	3
		Patient Controlled Assistance(PCA) Assistance	4.000	.000	3
		Venous Access Devices(VAD) Maintenance	4.000	.000	3
	Tissue Perfusion Management	Fluid Resuscitation	4.000	.000	3
		Intravenous(IV) Insertion	4.000	.000	3
		Intravenous(IV) Therapy	4.000	.000	3
		Invasive Hemodynamic Monitoring	4.000	.000	3
	Skin/Wound Management	Wound Irrigation	4.000	.000	3
Physiological: Basic Behavior	Physical Comfort Promotion	Cutaneous Stimulation	4.000	.000	3
	Patient Education	Teaching: Prescribed Medication	4.000	.000	3

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<Table 5> Interventions Used Most Frequently (At Least Daily) in Specialty Medical Units

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Complex	Tissue Perfusion Management	Bleeding Precautions	5.000	.000	1
		Intravenous(IV) Therapy	5.000	.000	1
		Cardiac Precautions	4.666	.500	17
		Intravenous(IV) Insertion	4.666	.500	17

<Table 5> Interventions Used Most Frequently (At Least Daily) in Specialty Medical Units (continued)

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Complex	Tissue Perfusion Management	Bleeding reduction: Wound	4.555	.527	36
		Bleeding Reduction: Gastrointestinal	4.444	.527	47
		Bleeding Reduction: Nasal	4.444	.527	47
		Cardiac Care: Acute	4.444	.527	47
		Bleeding Reduction	4.333	.500	56
		Cardiac Care	4.333	.500	56
		Cardiac Care: Rehabilitation	4.333	.500	56
		Embolus Care: Pulmonary	4.333	.500	56
		Hemorrhage Control	4.333	.500	56
		Circulatory Precautions	4.000	.500	82
		Embolus Precautions	4.000	.000	82
		Fluid Management	4.000	.000	82
		Fluid Resuscitation	4.000	.000	82
		Hypervolemia Management	4.000	.000	82
	Respiratory Management	Airway Suctioning	5.000	.000	1
		Chest Physiotherapy	5.000	.000	1
		Cough Enhancement	5.000	.000	1
		Airway Insertion and Stabilization	4.888	.333	11
		Ventilation Assistance	4.777	.440	14
		Airway Management	4.666	.500	17
		Aspiration Precautions	4.666	.500	17
		Oxygen Therapy	4.666	.500	17
		Endotracheal Extubation	4.555	.527	36
		Pressure Ulcer Care	4.666	.500	17
	Skin/ Wound Management	Pressure Ulcer Prevention	4.666	.500	17
		Wound Care	4.666	.500	17
		Wound Irrigation	4.666	.500	17
		Incision Site Care	4.333	1.000	56
		Skin Care: Topical treatments	4.111	.333	72
		Skin Surveillance	4.111	.333	72
		Pressure Management	4.000	.000	82
		Suturing	4.000	.000	82
	Electrolyte and Acid-Base Management	Fluid Electrolyte Management	4.555	.527	36
		Hyperglycemia Management	4.444	.726	47
		Hypoglycemia Management	4.222	.971	65
		Acid-Base Management:	4.111	1.269	72
		Metabolic Acidosis			
		Acid-Base Management:	4.111	1.269	72
		Respiratory Acidosis			
		Electrolyte Management	4.111	1.269	72
		Acid-Base Management:	4.000	1.414	82
		Metabolic Alkalosis			
	Thermoregulation	Heat Exposure Treatment	5.000	.000	1
		Hypothermia Treatment	5.000	.000	1
		Malignant Hypothermia	5.000	.000	1
		Fever Treatment	4.888	.333	11
		Temperature Regulation:	4.666	.500	17
		Intraoperative			
		Temperature Regulation	4.000	.000	82

<Table 5> Interventions Used Most Frequently (At Least Daily) in Specialty Medical Units (continued)

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Complex	Drug Management	Medication Administration: Oral	5.000	.000	1
		Patient Controlled	4.555	.527	36
		Analgesia (PCA) Assistance			
		Venous Access Devices (VAD) Maintenance	4.555	.527	36
		Medication Administration: Parenteral	4.000	.000	82
		Medication Management	4.000	.000	82
	Neurologic Management	Cerebral Edema Management	5.000	.000	1
		Unilateral Neglect Management	4.333	.866	56
		Seizure Management	4.000	.000	82
	Perioperative Care	Positioning: Intraoperative	4.666	.500	17
		Infection Control: Intraoperative	4.111	1.763	72
Physiological: Basic	Self-Care Facilitation	Tube Care	4.888	.333	11
		Oral Health Promotion	4.666	.500	17
		Self-care Assistance	4.666	.500	17
		Oral Health Maintenance	4.555	.527	36
		Oral Health Restoration	4.444	.527	47
		Self-care Assistance: Toileting	4.444	.527	47
		Self-care Assistance: Bathing/Hygiene	4.333	.701	56
		Prosthesis Care	4.222	1.301	65
		Foot Care	4.111	.333	72
		Self-care Assistance	4.111	.927	72
		Bathing	4.000	.500	82
		Dressing	4.000	.000	82
		Hair Care	4.000	.000	82
		Sleep Enhancement	4.000	.000	82
	Elimination Management	Bowel Management	4.777	.440	14
		Flatulence Reduction	4.666	.500	17
		Tube Care: Urinary	4.666	.500	17
		Constipation/Impaction Management	4.555	.726	36
		Urinary Bladder Training	4.555	.527	36
		Bowel Irrigation	4.333	1.000	56
		Bowel Training	4.333	1.322	56
		Urinary Retention Care	4.333	.500	56
	Immobility Management	Bed Rest Care	4.666	.500	56
		Cast Care: Maintenance	4.666	.500	17
		Cast Care: Wet	4.444	.881	47
		Positioning	4.444	1.333	47
		Positioning: Wheelchair	4.111	1.269	72
		Traction/Immobilization Care	4.000	1.224	82
	Nutrition Support	Feeding	4.777	.440	14
		Enteral Tube Feeding	4.666	.707	17
		Nutrition Therapy	4.666	1.000	17
		Diet Staging	4.111	.333	72
		Weight Reduction Assistance	4.000	1.322	82
	Physical Comfort Promotion	Pain Management	4.222	.971	65
		Progressive Muscle Relaxation	4.222	.440	65
		Heat/Cold Application	4.222	.971	65
		Simple Massage	4.000	.000	82

<Table 6> Interventions Used Most Frequently (At Least Daily) in Other Medical Units(continued)

Domain	Class	Nursing Intervention	Mean	SD	Rank
Physiological: Complex	Respiratory Management	Airway Management	4.357	1.446	16
		Airway Suctioning	4.214	1.251	21
		Oxygen Therapy	4.071	.730	26
	Drug Management	Medication Administration: Parenteral	4.000	.679	29
		Positioning: Neurological	4.500	.854	7
Physiological: Basic	Thermoregulation	Temperature Regulation: Intraoperative	4.285	.994	18
	Activity and Exercise Enhancement	Exercise Therapy: Ambulation	4.785	.425	2
		Exercise Therapy: Joint Mobility	4.428	.851	10
		Exercise Promotion: Stretching	4.428	.851	10
		Body mechanics Promotion	4.142	1.231	23
	Nutrition Management	Gastrointestinal Intubation	4.214	1.476	21
		Neutrition Therapy	4.142	.864	23
	Elimination Management	Constipation/Impaction Management	4.000	.679	29
	Immobility Management	Positioning	4.928	.267	1
		Bed Rest Care	4.000	.784	29
	Physical Comfort Promotion	Progressive Muscle Relaxation	4.142	.864	23
Safe	Crisis Management	First Aid	4.071	1.206	26
	Risk Management	Vital Signs Monitoring	4.071	1.439	26
Health System	Health System Management	Physician Support	4.142	1.292	23
	Information Management	Shift report	4.769	.435	3

<Table 7> Use of Interventions per Domain

Domain \ Unit	GM	GS	SGM	OT	F, P, Scheffé
Physiological: Basic	3.270(.665)	1.762(.060)	3.623(.201)	3.043(.466)	F= 8.86, p=.0002 1,3,4>2
Physiological: Complex	2.992(.442)	2.119(.016)	3.395(.163)	2.901(.401)	F= 7.84, p=.0005
Behavior	2.598(.459)	1.750(.007)	2.419(.537)	2.503(.379)	F= 2.11, p=.1192
Family	2.345(.554)	1.650(0)	2.555(.528)	2.921(.688)	F= 3.63, p=.0237
Safety	2.501(.458)	1.323(.041)	1.969(.756)	1.588(.621)	F= 5.09, p=.0056 1>4
Health System	2.775(.458)	1.606(0)	2.663(.624)	2.532(.283)	F= 3.66, p=.023 1>2

General Medical Unit = 1, General Surgical Unit = 2, Specialty Medical Unit = 3, Others = 4

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- Abstract -

Analysis of Nursing Interventions Performed by Chosunjok Nurses in Yanbian Using NIC

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Huang, Zhen-Yu *****. Yuk, Moon-Ae *****

Purpose: To identify nursing interventions performed by Chosunjok nurses in Yanbian using NIC.

Methods: The sample consisted of 36 nurses working in 2 hospitals. The Nursing Interventions Use Questionnaire developed by the Iowa Intervention Project team was used for data collection. The instrument was translated to Korean using the method of back-translation.

Results: Twenty-eight interventions were performed at least daily. Interventions in the Physiological: Basic domain were most frequently used at least daily. The most frequently used interventions was Positioning, followed by the interventions Pressure Ulcer Prevention, Intravenous (IV) Therapy, Hypothermia Treatment and Intravenous (IV)

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Insertion. The least frequently used interventions was Electronic Fetal Monitoring: Antepartum. Nurses working in special medical care units performed interventions most often, while nurses working in general surgical units performed them least. Nurses working in general medical, special medical and other care units performed interventions in the Physiological domain more often than the

nurses working in general surgical units.

Conclusion: Chosunjok nurses in Yanbian performed physiological interventions frequently. Further studies will be needed to compare interventions performed by nurses in two countries.

Key words : Nursing intervention, Nursing Interventions Classification