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< 1> (N = 86)			< 2> (N = 86)		
(%)			1		
26		2(13.4)	919	32.081(1)	
26-27		4(26.7)	790	27.592(2)	
28-29		5(33.2)	787	27.493(3)	
30-31		3(20.0)	787	27.493(3)	
32		1(6.7)	787	27.493(3)	
		5(33.3)	783	27.380(6)	
		8(53.4)	776	27.155(7)	
		2(13.3)	776	27.143(8)	
2		3(20.0)	775	27.054(9)	
2 -4		4(26.7)	771	27.010(10)	
4 -7		3(19.9)	771	26.958(11)	
7		5(33.4)	766	26.796(12)	
2		5(33.4)	763	26.691(13)	
2 -4		5(33.4)	757	26.555(14)	
4 -7		3(20.0)	747	26.248(15)	
7		2(13.2)	745	26.065(16)	
		15(100.0)	720	25.076(17)	
			512	17.915(18)	
			(IV, fluid)	510	17.726(19)
				507	17.165(20)
				498	17.508(21)
				411	14.348(22)
				401	13.949(23)
				362	12.637(24)
				344	12.208(25)
				343	11.975(26)
				298	10.359(27)
				290	10.109(28)
				290	10.109(28)
				250	8.819(30)
				213	7.392(31)
				201	6.912(32)
				167	5.821(33)
				110	3.785(34)
				91	3.278(35)
				92	3.188(36)
				89	3.157(37)
				89	3.128(38)
				63	2.209(39)
				66	2.166(40)
				59	2.063(41)
				53	1.181(42)
				49	1.711(43)
				48	1.703(44)
				48	1.679(45)
				50	1.614(46)
				44	1.572(47)
				34	1.074(48)
				30	1.059(49)
				32	1.000(50)
				27	0.901(51)

< 2> (N = 86)

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(/ 1)	1
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-	48 1.679
(868/ 30.348)	49 1.711
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(3349/ 142.930)	757 26.555
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		19 0.594
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		411 14.348
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(3047/ 106.450)		362 12.637
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(766/ 26.796)		766 26.796
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		44 1.572
		783 27.380
(1552/ 54.144)	(IV, fluid)	510 17.726
		1 0.037
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		201 6.912
(977/ 34.067)		776 27.155
		89 3.157
(837/ 29.436)		1 0.031
		747 26.248
(91/ 3.278)		91 3.278
		15 0.469
(26/ 0.824)		7 0.230
		4 0.125
		790 27.592
(1759/ 61.287)		50 1.614
		919 32.081
		167 5.821
(943/ 32.964)		776 27.143

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(N = 32)

	()	()	()
	9(56)	7(49)	14(41)
:	264(15)	235(16)	246(16)
	12(53)	0(59)	0(52)
	1(63)	0(59)	0(52)
	271(13)	240(12)	252(15)
	285(6)	234(17)	256(3)
	201(18)	128(22)	178(18)
	17(48)	8(48)	2(49)
:	25(42)	18(43)	10(44)
/	162(21)	180(19)	156(20)
	4(60)	3(50)	3(48)
	32(38)	0(59)	0(52)
	14(51)	3(50)	0(52)
	32(38)	2(53)	0(52)
	11(54)	1(55)	0(52)
	7(57)	0(59)	0(52)
	38(37)	27(17)	27(38)
/	276(8)	240(12)	255(14)
-	17(47)	24(40)	7(46)
	18(46)	24(40)	7(46)
:	275(10)	239(14)	206(17)
:	28(41)	17(45)	18(49)
:	21(44)	27(37)	11(43)
:	286(3)	245(96)	256(3)
	286(3)	245(96)	256(3)
	286(3)	245(96)	256(3)
:	256(16)	245(96)	256(3)
	109(27)	91(27)	90(27)
	19(45)	0(59)	0(52)
	48(35)	17(45)	18(39)
	76(32)	85(30)	89(30)
:	92(30)	135(21)	117(25)
	6(58)	1(55)	1(50)
/	13(52)	18(43)	17(40)
	151(23)	121(23)	139(22)
	181(20)	169(20)	162(19)
	50(34)	28(36)	32(35)

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(N = 32)

	()	()	()
	133(24)	110(25)	119(24)
	29(40)	29(35)	31(36)
	126(25)	111(24)	106(26)
	156(22)	105(26)	140(21)
	267(14)	248(2)	256(3)
	109(27)	91(27)	90(27)
/	3(62)	3(50)	1(50)
:	117(26)	91(27)	90(27)
	272(12)	238(15)	256(3)
	86(31)	70(31)	57(32)
	10(55)	22(42)	12(42)
	280(7)	245(6)	258(2)
(IV, fluid)	201(18)	182(18)	127(23)
	0(65)	1(55)	0(52)
	0(65)	1(55)	0(52)
	92(59)	52(32)	57(32)
	274(12)	246(3)	256(3)
	24(43)	46(33)	38(24)
	1(63)	0(59)	0(52)
	245(17)	246(3)	256(3)
	16(49)	46(33)	29(37)
	15(50)	0(59)	0(52)
	5(59)	2(53)	0(52)
	4(60)	0(59)	0(52)
	288(2)	246(3)	256(3)
	41(36)	9(46)	0(52)
	338(1)	282(1)	299(1)
	63(33)	35(34)	69(31)
	276(8)	244(11)	256(3)

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- Abstract -

Key concept : Cerebrovascular disorders,
Nursing Intervention,
Intensive Care Unit

A study of the Nursing
Interventions performed by the
ICU nurses
to the patients with
Cerebrovascular disorders

Park, Young Rye *. *Choi, Kyung Sook* **

The purpose of this study was to analysis of nursing interventions performed by the ICU nurses to the patients with cerebrovascular disorder practically from one university hospital in Seoul. The data were collected from 15 nurses with 86 cerebrovascular disorder cases from one ICU with the questionnaire to write frequency of nursing care done by the surveyee from May, 2, 2000 to July, 3, 2000 and the list of 66 nursing interventions selected out of 433 NIC(Nursing Interventions Classification) of Iowa University which were translated into Korean(44 items) and core nursing interventions by ICU nurses(22 items; KIm, Su-Jin, 1997). The data were analysed with SPSS program.

The results are as follow : 1. The most frequently used nursing interventions were vital

sign monitoring, fall prevention, cerebral edema management, dysreflexia management, neurologic monitoring, cardiac care, communication enhancement, technology management, bed rest care, respiratory monitoring in rank. 2. The most frequently used nursing intervention domains were 'Physiological:Complex', 'Physiological:basic', 'Behavior', 'Safty', 'Health system' in rank. In the domain of physiological: basic, the most frequently used nursing interventions were bed rest care, urinary elimination management, tube care:urinary, physical restraints in rank. In the domain of physiological: complex, the most frequently used nursing interventions were cerebral edema management, dysreflexia management, neurologic monitoring, cardiac care in rank. In the domain of behavior, the most frequently used nursing interventions were communication enhancement, touch, active listening in rank. In the domain of safty, the most frequently used nursing interventions were vital sign monitoring, fall prevention in rank. In the domain of health system, the most frequently used nursing interventions were technology management, specimen management in rank. 3. some difference of the frequency practicing the nursing interventions according to the shift of duties was found. For example, medication administration was common at day duty, touch was practiced at evening duty, temperature regulation was performed.

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