

Supplementary 5. Cost analysis for urgent and non-urgent cases treated by hospitalists or non-hospitalists (N=6391)

Cost per patient admission (USD)	KTAS 1-3: More Urgent (N=5556)			KTAS 4-5: Less Urgent (N=835)		
	HG (n=2035)	NHG (n=3521)	P value	HG (n=391)	NHG (n=444)	P value
Total costs	20334±90283	29074±106747	0.002	21801±94897	14269±54923	0.155
Direct costs	5655±8094	6794±8918	0.000	5205±7510	5931±7013	0.150
Direct medical costs	4138±6531	5136±7428	0.000	3747±6363	4371±5666	0.135
Consultation fee	255±228	272±239	0.009	232±183	247±229	0.319
Admission fee	900±1754	1184±1726	0.000	813±1046	1031±1434	0.013
Medication fee	917±2027	901±2321	0.791	850±3570	796±2349	0.794
Treatment and surgery fee	273±1120	454±1797	0.000	227±932	263±884	0.564
Medical examination fee	1288±1684	1585±1704	0.000	1172±1309	1402±1430	0.016
Therapeutic materials	310±896	563±1498	0.000	272±686	469±1292	0.007
Others	193±588	178±475	0.275	181±634	163±397	0.619
Direct non-medical costs	1517±1744	1658±1803	0.005	1458±1363	1560±1649	0.335
Family caregiver transportation fare in hospitalization	199±226	215±234	0.014	191±176	202±214	0.433
Paid care cost in hospitalization	559±634	604±656	0.014	538±496	568±600	0.433
Doctor's labor cost	759±883	840±913	0.001	729±691	790±835	0.255
Indirect costs	14679±88509	22280±105035	0.006	16595±93852	8338±53705	0.114
Patient productivity loss according to LOS	567±815	542±758	0.254	525±576	600±994	0.189
Family caregiver productivity loss according to LOS	1131±1284	1222±1328	0.014	1088±1003	1149±1215	0.433
Patient productivity loss according to ED-LOS	77±75	86±91	0.000	72±73	86±87	0.015
Patient productivity loss according to IHM	12904±88065	20430±104737	0.006	14910±93772	6503±53499	0.107

Data are presented as mean ± standard deviation. HG, hospitalist group; NHG, non-hospitalist group; ED-LOS, emergency department length of stay; LOS, length of hospital stay; IHM, in hospital mortality; KTAS, Korean Triage and Acuity Scale; Cost unit: USD (U.S. Dollar), (\$1=1307.9 KRW, year: 2023)