

Table S5. Basic demographic data of spontaneous or insulin-related hypoglycemic patients.

Variables	All N=2115	Spontaneous N=1189 (56.2%)	Insulin-related N=926 (43.8%)	<i>p</i> value ^{ab}
Basic characteristics				
Age, years	66.7 ± 15.6	64.9 ±16.4	69.1 ±14.0	<0.001
Male, No. (%)	1304 (61.7%)	775 (65.2%)	529 (57.1%)	<0.001
BMI (kg/m ²)	23.6 ± 4.6	23.5 ± 4.7	23.7 ± 4.6	0.253
CCI	2.7 ± 1.6	2.4 ± 1.6	3.1 ± 1.6	<0.001
DM	1034 (48.9%)	369 (31.0%)	665 (71.8%)	<0.001
ICU type, No. (%)				
Medical	1151(54.4%)	663 (55.8%)	488 (52.7%)	0.413
Surgical	345(16.3%)	182 (15.3%)	163 (17.6%)	
Cardiovascular	330 (15.6%)	186 (15.6%)	144 (15.6%)	
Neurological	289 (13.7%)	158 (13.3%)	131 (14.1%)	
Reasons for ICU admission, No. (%)				
Acute respiratory failure	555 (26.2%)	320 (26.9%)	235 (25.4%)	0.293
Sepsis	442 (20.9%)	244 (20.5%)	198 (21.4%)	
Acute cardiac conditions	305 (14.4%)	168 (14.1%)	137 (14.8%)	
Acute neurological conditions	247 (11.7%)	135 (11.4%)	112 (12.1%)	
Acute GI condition	223 (10.5%)	114 (9.6%)	109 (11.8%)	
Others	343 (16.2%)	208 (17.5%)	135 (14.6%)	
Severity and managements, No. (%)				
APACHE II score	27.8 ± 7.3	28.0 ± 7.6	27.4 ± 7.0	0.05
SOFA score	10.0 ± 4.1	10.4 ± 4.4	9.5 ± 3.8	<0.001
Mechanical ventilation, No. (%)	1808 (85.5%)	1007 (84.7%)	801 (86.5%)	0.242
RRT, No. (%)	784 (37.1%)	451 (37.9%)	333 (36.0%)	0.352
Laboratory data				
HbA1c (%)	6.9 ± 1.8	6.2 ± 1.3	7.6 ± 2.0	<0.001
Albumin (mg/dL)	2.7 ± 0.6	2.7 ± 0.6	2.7 ± 0.5	0.086
Hb (g/dL)	9.7 ± 1.7	9.7 ± 1.8	9.6 ± 1.5	0.825
CRP (mg/dL)	10.7 ± 9.8	10.8 ± 9.6	10.6 ± 0.0	0.529
Creatinine (mg/dL)	2.6 ± 2.3	2.5 ± 2.2	2.7 ± 2.4	0.081
Lactate (mg/dL)	38.0 ± 37.9	41.8 ± 41.0	33.1 ± 33.2	<0.001
Clinical outcomes				
Hospital mortality	1034(48.9%)	651(53.9%)	393(42.4%)	<0.001
ICU length of stay	14.4 ± 10.1	13.4 ± 10.1	15.6 ± 9.9	<0.001
Hospital length of stay	20.6 ± 10.4	19.2 ± 10.7	22.4 ± 9.6	<0.001

Abbreviations: BMI, Body Mass Index; ICU, intensive care unit; CCI, Charlson comorbidity index; DM, Diabetes mellitus; APCHE II, Acute Physiology And Chronic Health Evaluation II; SOFA, The sequential organ failure assessment score; Hb, Hemoglobin; RRT, Renal replacement therapy; CRP, C-reactive protein

^a P value represents comparisons between the spontaneous and insulin-related with hypoglycemia patients.

^b P values for the comparison of continuous variables were calculated using the t-test.