

Supplementary Table 1. Potential factors associated with hyperammonemia at admission

Variable	Overall	Normal ammonia	High ammonia	p value
Number	972 (100)	585 (60.2)	387 (39.8)	
Generalized seizures	33 (3.4)	17 (2.9)	16 (4.1)	0.366
Hematologic malignancy	6 (0.6)	2 (0.3)	4 (1.0)	0.223
AKI	314 (32.3)	157 (26.8)	157 (40.6)	< 0.001
GI bleeding	21 (2.2)	10 (1.7)	11 (2.8)	0.264
Gastric bypass surgery	16 (1.6)	11 (1.9)	5 (1.3)	0.610
TPN	6 (0.6)	1 (0.2)	5 (1.3)	0.040
Valproate/Carbamazepine	4 (0.4)	2 (0.3)	2 (0.5)	0.652
PPI	45 (4.6)	28 (4.8)	17 (4.4)	0.876
Steroid	23 (2.4)	14 (2.4)	9 (2.3)	1.000
Infection	387 (39.8)	211 (36.1)	176 (45.5)	0.004
Trauma	58 (6.0)	38 (6.5)	20 (5.2)	0.411

Values are presented as number (%).

AKI, acute kidney injury; GI, gastrointestinal; TPN, total parenteral nutrition; PPI, proton pump inhibitor.