

Table 1 Characteristics of complications and outcomes of anti-NMDAR encephalitis patients in both groups

Variable	IVMP (n=34)	IVIG (n=84)	IVIG + IVMP (n=160)	<i>P</i> value	Post hoc
No. of infections, n (%)	13 (37.14)	33 (39.29)	103 (64.38)	< 0.001^{a**}	G3 > G1, G3 > G2^{a**}
Pneumonia	11 (32.35)	29 (34.52)	93 (58.13)	< 0.001^{a**} 0.937 ^a	G3 > G1, G3 > G2^{a**}
Common	6 (54.54)	16 (55.17)	48 (51.61)		
Severe	5 (45.46)	13 (44.83)	45 (48.39)		
Urinary tract infection	1 (2.94)	11 (13.10)	29 (18.13)	0.067 ^a	
Sepsis	1 (2.94)	1 (1.19)	2 (1.25)	-	
Others	1 (2.94)	2 (2.38)	5 (3.13)	-	
Fever, n (%)	13 (38.23)	45 (53.57)	95 (59.38)	0.076 ^a	
Duration of fever, median (IQR), days	4 (1, 8)	4 (3, 13)	7 (4, 13)	0.199 ^b	
Body temperature, median (IQR)(°C)	36.76 (36.61, 37.11)	37.08 (36.72, 37.54)	37.17 (36.88, 37.58)	< 0.001^{b**}	G3 > G1, G2 > G1^{b**}
<37.5	24 (70.59)	44 (52.38)	78 (48.75)		
37.5-38.4	9 (26.47)	32 (38.10)	65 (40.62)		
38.5-39	1 (2.94)	7 (8.33)	11 (6.88)		
>39	0	1 (1.19)	6 (3.75)		
Lung CT/ Chest X-ray results, n (%)	10 (29.41)	30 (35.71)	96 (60.00)	< 0.001^{a**}	G3 > G1, G3 > G2^{a**}
Treatment					
NO. of users of antibiotic, n (%)	11 (32.35)	35 (41.67)	102 (63.75)	< 0.001^{a**}	G3 > G1, G3 > G2^{a**}
NO. of antibiotic, n (%)					
1	5 (45.45)	20 (57.14)	54 (52.94)	0.967 ^c	
2	3 (27.27)	7 (20)	23 (22.55)		
≥3	3 (27.27)	8 (22.86)	25 (24.51)		
Category of antibiotic, n (%)					
1	5 (45.45)	21 (60.0)	55 (53.92)	0.661 ^a	
2	5 (45.45)	8 (22.86)	26 (25.49)		
≥3	1 (9.09)	6 (17.14)	21 (20.59)		
Length of use, median (IQR), days	17 (7, 23)	15 (11, 28)	16 (11, 30)	0.885 ^b	
Noninfectious Complications					
NO. of patients of noninfectious complications	19 (55.88)	52 (61.90)	122 (76.25)	0.013^{a*}	G3 > G1, G3 > G2^{a*}
DVT/PE	2 (5.88)	1 (1.19)	14 (8.75)	0.064 ^c	

Gastric stress ulcer	3 (8.82)	4 (4.76)	25 (15.63)	0.036^{c*}	G3 > G2^{c*}
Electrolyte disorder	7 (20.59)	12 (14.29)	52 (32.50)	0.006^{a**}	G3 > G2^{a*}
Abnormal liver function	5 (14.71)	9 (10.71)	36 (21.88)	0.065 ^a	
Abnormal kidney function	1 (2.94)	1 (1.19)	8 (5.00)	0.325 ^c	
Hypoalbuminemia	2 (5.88)	13 (15.48)	42 (26.25)	0.011^{a*}	G3 > G1^{a*}
MODS	0	1 (1.19)	3 (1.88)	-	
Respiratory failure	5 (14.71)	14 (16.67)	42 (26.25)	0.126 ^a	
Steroid-induced necrosis of the femoral head	1 (2.94)	0	1 (0.63)	-	
Others	0	9 (10.71)	20 (12.5)	-	
ICU admission rate, n (%)	0	10 (11.90)	17 (10.63)	-	
Mortality rate, n (%)	1 (2.94)	0	2 (1.25)	-	
LOS, median (IQR), days	17 (12, 23)	18 (12, 27)	25 (18, 34)	< 0.001^{b**}	G3 > G1, G3 > G2^{b**}
mRS score, median (IQR)					
Admission	3 (2, 5)	4 (3, 5)	4 (3, 5)	0.025 ^{b*}	G2 > G1, G3 > G3^{b*}
Discharge	1 (1, 4)	2 (1, 3)	3 (2, 5)	< 0.001^{b**}	G3 > G1, G3 > G2^{b**}
≤ 3, n, %	23 (67.65)	66 (78.57)	90 (56.25)	0.003^{a**}	G3 > G2^{a**}
≥ 4, n, %	10 (38.24)	18 (21.43)	68 (42.5)		

Bold entries indicate $P < 0.05$.

Abbreviations: DVT/PE = deep venous thrombosis/pulmonary embolism; MODS = multiple organ dysfunction syndrome; LOS = Length of hospital stay; G1 = IVMP group; G2 = IVIG group; G3 = IVIG + IVMP group.

* $P < 0.05$ and ** $P < 0.01$

^a Pearson's χ^2 test.

^b Mann-Whitney U test.

^c Fisher's Exact Test.