

Table 3. Type of irAEs and the grades in all cases

Type of irAEs¹	n (%)²	G1(%)³	G2 (%)³	G3 (%)³	G4 (%)³	G5 (%)³	2nd irAE (+)	AI history (+)
Dermatologic	36 (7.5)	12 (33.3)	18 (50.0)	6 (16.7)	0 (0)	0 (0)	10	4
Interstitial pneumonia	34 (7.1)	14 (41.2)	10 (29.4)	9 (26.5)	0 (0)	1 (2.9)	5	4
Hepatitis	22 (4.6)	1 (4.5)	1 (4.5)	15 (68.2)	5 (22.7)	0 (0)	5	3
Hypothyroidism	20 (4.2)	5 (25.0)	15 (75.0)	0 (0)	0 (0)	0 (0)	4	2
Pituitary dysfunction	9 (1.9)	0 (0)	4 (44.4)	4 (44.4)	1 (11.1)	0 (0)	2	0
Enteritis	8 (1.7)	1 (12.5)	2 (25.0)	5 (62.5)	0 (0)	0 (0)	1	0
Myositis	6 (1.3)	3 (50.0)	1 (16.7)	2 (33.3)	0 (0)	0 (0)	3	0
Hyperthyroidism	6 (1.3)	2 (33.3)	4 (66.7)	0 (0)	0 (0)	0 (0)	0	0
Nephritis	5 (1.0)	0 (0)	2 (40.0)	2 (40.0)	1 (20.0)	0 (0)	1	0
Type I diabetes	4 (0.8)	0 (0)	0 (0)	4 (100)	0 (0)	0 (0)	1	0
Encephalitis	4 (0.8)	1 (25.0)	0 (0)	3 (75.0)	0 (0)	0 (0)	0	0
Blood disorder	2 (0.4)	0 (0)	1 (50.0)	0 (0)	1 (50.0)	0 (0)	0	1
Adrenal insufficiency	2 (0.4)	0 (0)	1 (50.0)	1 (50.0)	0 (0)	0 (0)	1	0
Meningitis	2 (0.4)	0 (0)	0 (0)	2 (100)	0 (0)	0 (0)	1	1
Peripheral neuropathy	2 (0.4)	1 (50.0)	0 (0)	1 (50.0)	0 (0)	0 (0)	1	0
Arthritis	2 (0.4)	0 (0)	1 (50.0)	1 (50.0)	0 (0)	0 (0)	1	0
Interstitial cystitis	1 (0.2)	0 (0)	1 (100.0)	0 (0)	0 (0)	0 (0)	0	0
Rheumatoid arthritis	1 (0.2)	0 (0)	1 (100.0)	0 (0)	0 (0)	0 (0)	0	1
Increased amylase	1 (0.2)	0 (0)	0 (0)	0 (0)	1 (100.0)	0 (0)	0	0
Carditis	1 (0.2)	0 (0)	0 (0)	1 (100.0)	0 (0)	0 (0)	1	0
Myasthenia gravis	1 (0.2)	0 (0)	0 (0)	1 (100.0)	0 (0)	0 (0)	1	0
Cholangitis	1 (0.2)	0 (0)	0 (0)	0 (0)	1 (100.0)	0 (0)	0	0
Laryngela edema	1 (0.2)	0 (0)	1 (100.0)	0 (0)	0 (0)	0 (0)	0	0

1. For the patients with second irAE, the first irAEs are indicated. 2. % in all ICI-treated patients, 3. % in the irAE
Grade is based on Common Terminology Criteria for Adverse Events (CTCAE) Ver.5.0.