

Table 2 Outcomes by year (irrespective of oral corticosteroid administered) (A) and Outcomes by oral corticosteroid type and dosage (B)

Table 2(A)	2016			2017			2018		
Measure	All patients	Mod	Sev/LT	All patients	Mod	Sev/LT	All patients	Mod	Sev/LT
	(n = 98)	(n = 28)	(n = 70)	(n = 100)	(n = 31)	(n = 69)	(n = 100)	(n = 28)	(n = 72)
OCS intolerability in PED	12 (12.2%)	3 (10.7%)	9 (12.9%)	3 (3.0%)	0 (0.0%)	3 (4.3%)	5 (5.0%)	1 (3.6%)	4 (5.6%)
Received anti-emetics	4 (4.1%)	0 (0.0%)	4 (5.7%)	5 (5.0%)	2 (6.5%)	4 (5.8%)	2 (2.0%)	0 (0.0%)	2 (2.8%)
Mean LOS in the PED (hours) (SD)	3.6 (1.3)	3.9 (1.1)	3.5 (1.3)	4.2 (1.6)	4.0 (1.6)	4.4 (1.6)	3.8 (1.4)	3.6 (1.7)	3.9 (1.3)
Patient admitted	32 (32.7%)	11 (39.3%)	21 (30.0%)	42 (42.0%)	2 (6.5%)	40 (58.0%)	35 (35.0%)	2 (7.1%)	33 (45.8%)
Mean time to	5.1 (1.4)	5.6 (1.3)	4.8 (1.4)	5.2 (2.0)	6.3 (0.3)	5.1 (2.0)	4.6 (1.9)	5.6 (2.3)	4.5 (1.9)

admission (hours) (SD)									
Re-attendance in 7 days	9 (9.2%)	1 (3.6%)	8 (11.4%)	3 (3.0%)	1 (3.2%)	2 (2.9%)	9 (9.0%)	2 (7.1%)	7 (9.7%)
Admitted after re-attending	7 (77.8%)	1(100.0%)	6 (75.0%)	1 (33.3%)	0 (0.0%)	1 (50.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Received intravenous bronchodilators	3 (3.1%)	0 (0.0%)	3 (4.3%)	10 (10.0%)	0 (0.0%)	9 (13.0%)	3 (3.0%)	0 (0.0%)	3 (4.2%)
Received antibiotics	3 (3.1%)	1 (3.6%)	2 (2.9%)	7 (7.0%)	0 (0.0%)	6 (8.7%)	7 (7.0%)	1 (3.6%)	6 (8.3%)
Table 2(B)	PRED			DEX(600)			DEX(300)		
Measure	All patients	Mod	Sev/LT	All patients	Mod	Sev/LT	All patients	Mod	Sev/LT

	(n = 99)	(n = 29)	(n = 70)	(n = 84)	(n = 22)	(n = 62)	(n = 104)	(n = 31)	(n = 73)
OCS intolerability in PED	10 (10.1%)	1 (6.9%)	8 (11.4%)	3 (3.6%)	0 (0.0%)	3 (4.8%)	6 (5.8%)	1 (3.2%)	5 (6.8%)
Received anti-emetics	5 (5.1%)	1 (3.4%)	4 (5.7%)	3 (3.6%)	1 (4.5%)	2 (3.2%)	3 (2.9%)	0 (0.0%)	3 (4.1%)
Mean LOS in the PED (hours) (SD)	3.6 (1.2)	3.7 (1.2)	3.6 (1.3)	4.3 (1.7)	4.3 (1.8)	4.4 (1.7)	3.7 (1.4)	3.5 (1.5)	3.8 (1.3)
Patient admitted	32 (32.3%)	9 (31.0%)	23 (32.9%)	38 (45.2%)	3(13.6%)	35 (56.5%)	33 (31.7%)	1 (3.2%)	32 (43.8%)
Mean time to admission (hours) (SD)	5.1 (1.4)	5.7 (1.3)	4.9 (1.3)	5.3 (2.1)	5.6 (1.3)	5.3 (2.1)	4.3 (1.7)	4.0 (0.0)	4.3 (1.7)
Re-attendance in	10 (10.1%)	1 (3.4%)	9 (12.9%)	2 (2.4%)	1 (4.5%)	1 (1.6%)	9 (8.7%)	2 (6.5%)	7 (9.6%)

7 days									
Admitted after re-attending	8 (80.0%)	1 (100.0%)	7 (77.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Received intravenous bronchodilators	5 (5.1%)	0 (0.0%)	5 (7.1%)	7 (8.3%)	0 (0.0%)	7 (11.3%)	4 (3.8%)	0 (0.0%)	4 (5.5%)
Received antibiotics	5 (5.1%)	1 (3.4%)	4 (5.7%)	5 (6.0%)	0 (0.0%)	5 (8.1%)	5 (4.8%)	1 (3.2%)	4 (5.5%)

Note: OCS intolerability, spat-out oral corticosteroid (OSC) or vomited after administration of OCS while in the Paediatric Emergency

Department (PED); length of stay (LOS) in the PED, time from arrival until discharge home (excluding admissions); Mod, moderate; Sev/LT, severe/life-threatening; SD, standard deviation