

Supplementary Table 1: At-risk Asthma Patients Presented to National University Polyclinics (NUPs) in 2018

National University Polyclinic (NUP)	Pioneer Polyclinic	Choa Chu Kang Polyclinic	Clementi Polyclinic	Bukit Batok Polyclinic	Jurong Polyclinic	Total
Number of all asthma visits	2131	4691	3360	3662	3821	17665
Number of asthma visits needing nebulisation	277	850	308	398	452	2285
Proportion of asthma visits needing nebulisation (%)	13.00	18.12	9.17	10.87	11.83	12.94
Number of asthma visits requiring ≥ 2 nebulisation (SAE)	150	584	147	227	209	1317
Proportion of high-risk asthma visits (%)	7.04	12.45	4.38	6.20	5.47	7.46
Number of asthma visits requiring ≥ 6 ventolin cannister	13	36	21	37	45	152
Proportion of super-high-risk asthma visits (%)	0.61	0.77	0.63	1.01	1.18	0.86

Note: SAE = Severe asthma exacerbation requiring urgent nebulisation at polyclinic.

Supplementary Table 2: Demographic Characteristics of Asthma Patients by Care Setting

Demographic Characteristics	Polyclinics [32] (n=559)	ED [31] (n=674)
Age (years)		
Mean (SD)	48.3 (16.6)	43(1)
Range	12.0–91.0	NA
Age groups (years)		
12–17	27 (4.8)	NA
18–54	317 (56.7)	NA
≥55	215 (38.5)	NA
Sex		
Female	402 (71.9)	330 (49)
Male	157 (28.1)	344 (51)

Note: Data are presented as n (%) unless otherwise specified.