



Figure . Patient flow

Table 1. Baseline Characteristics of Written Action Plan

WAAP and No-WAAP (standard deviation)(n=650)

WAAP, Written asthma action plan			
	WAAP	No-WAAP	P
	n=314	n=341	
Age (year), median (IQR)	5.0 (3-8)	6.0 (4-9)	0.021
% Male	62.1	66.0	0.301
Race			
Japanese, %	100.0	100.0	
Caretaker Language			
Japanese, %	100.0	100.0	
Asthma severity			0.634
Mild Intermittent, %	7.6	10.2	
Mild persistent, %	47.8	44.6	
Moderate persistent, %	35.7	35.5	
Severe persistent, %	8.9	9.7	

WAAP, Written asthma action plan

IQR, interquartile range

Table 2. Comparison of outcome variables at the end of the study (n=575)

All data are presented as mean (standard deviation) per subject.

Events	WAAP (n=272)	No-WAAP (n=303)	p
Acute asthma event	1.96 (2.58)	1.89 (2.40)	0.740
Unscheduled physician visit	0.70 (1.29)	1.08 (2.26)	0.014
Hospital admissions	0.01 (0.11)	0.02 (0.14)	0.400

WAAP, Written asthma action plan

Table 3. Change\* of quality of life score(QOLCA- 24) between baseline and 24 weeks.

Quality of life		WAAP	No WAAP	p
Burden with going out	Q8 (n=571)	0.09 (0.69)	10.00 (0.76)	0.161
	Q9 (n=571)	0.10 (0.73)	0.04 (0.74)	0.321
Fear of asthma attack	Q13 (n=536)	0.15 (0.75)	0.11 (0.64)	0.500
	Q14 (n=536)	0.17 (0.72)	0.07 (0.67)	0.101
	Q15 (n=537)	0.15 (0.77)	0.16 (0.75)	0.858
Psychological distress of the caregiver	Q16 (n=540)	0.04 (0.60)	0.03 (0.65)	0.786
	Q17 (n=537)	0.17 (0.80)	0.17 (0.80)	0.992
Uneasiness for the future of the child	Q20 (n=535)	0.09 (0.68)	0.07 (0.77)	0.716

\* Subtraction of the score at the baseline from 24 weeks (standard deviation).

WAAP, Written asthma action plan