

ESTIMATED COST OF ASTHMA TREATMENT FOR POOR CHILDREN, VIETNAM

1. Total budget: 600,000,000 VND

2. Inclusion criteria

Confirmed asthma by history, clinical examination and spirometry with bronchodilator test by pulmonologist

≥ 6 y.o to ≤ 18 y.o

Poverty: Confirmed by the questionnaire on the income of patients

3. Treatment: ICS, SABA until stop medication

4. Follow up in 24 months

Visit	Month	Visit cost	Chest X ray	Spirometry with bronchodilator test	Spirometry without bronchodilator test	Asthmatic drugs	Secretary	Total
1	0	100,000	100,000	200,000		368,374	20,000	788,374
2	1	100,000			150,000	583,990	20,000	853,990
3	3	100,000			150,000	583,990	20,000	853,990
4	6	100,000			150,000	291,995	20,000	561,995
5	9	100,000			150,000	237,296	20,000	507,296
6	12	100,000			150,000	111,785	20,000	381,785
7	15	100,000	100,000		150,000	111,785	20,000	481,785
8	18	100,000			150,000	111,785	20,000	381,785

Sum	Duration (Month)	Vist	Cost for 1 patient (VND)	Number of patients	Cost for treatment (VND)	Cost for management of hospital (VND)	Cost for tax (VND)	Total cost (VND)
600,000,000	24	10	5,427,379	92	499,318,868	49,931,887	49,931,887	599,182,642

Residual (VND)
817,358

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Visit	Month	Ventolin		Asthmatic drugs						Total	Note
		Ventolin	Cost (VND)	Salmeterol/ Fluticasone	Fluticasone	Puff/day	Number	Price	Cost (VND)		
1	1-2	as needed	76,379	Seretide 25/250		2 puffs x 2	1	291,995	291,995	368,374	
2	2-3	as needed		Seretide 25/250		2 puffs x 2	2	291,995	583,990	583,990	
3	4,5,6	as needed		Seretide 25/250		2 puffs x 2	2	291,995	583,990	583,990	
4	7,8,9	as needed		Seretide 25/250		1 puffs x 2	1	291,995	291,995	291,995	
5	10,11,12	as needed		Seretide 25/125		1 puffs x 2	1	237,296	237,296	237,296	
6	13,14,15	as needed			Flixotide 125mcg	1 puffs x 2	1	111,785	111,785	111,785	
7	16,17,18	as needed			Flixotide 125mcg	1 puffs x 1	1	111,785	111,785	111,785	every other day

8	19,20,21	as needed			Flixotide 125mcg	1 puffs x 1	1	111,785	111,785	111,785	2 puffs/ week
9	22,23,24	Vetolin as needed	76,379		Flixotide 125mcg	1 puffs x 1	0	0	0	76,379	1 puff/ week
10	25	Vetolin as needed									

2,477,379