

Table SI. Demographic characteristics of enrolled parents

	Study group	Control group
Sex, <i>n</i> (%)		
Male	22 (44)	23 (46)
Female	28 (56)	27 (54)
Age, years, mean (SD)	39 (4)	34 (4)
Ethnicity, <i>n</i> (%)		
Han	59 (78.7)	58 (73.4)
Hui	4 (6.1)	15 (19.0)
Others	9 (12.0)	6 (7.6)
Missing data	3 (4.0)	0 (0)
Education, <i>n</i> (%)		
Primary school	0 (0)	0 (0)
Junior middle school	3 (4.0)	2 (2.5)
High school	12 (16.0)	19 (24.1)
Technical secondary school	5 (6.7)	9 (11.4)
Junior college	12 (16.0)	8 (10.1)
Undergraduate	30 (40.0)	29 (36.7)
Postgraduate	2 (2.7)	3 (3.8)
Others	8 (10.7)	9 (11.4)
Missing data	3 (4.0)	0 (0)
Occupation, <i>n</i> (%)		
Worker	2 (2.7)	10 (12.7)
Farmer	3 (4.0)	0 (0)
Self-employment	29 (38.7)	37 (46.8)
Government employee	14 (18.7)	17 (21.5)
No job	1 (1.3)	2 (2.5)
Others	14 (18.7)	13 (16.5)
Missing data	12 (16.0)	0 (0)
Income (Chinese Yuan)	2,813 (1,488)	2,266 (1,025)
Residence, <i>n</i> (%)		
City	53 (70.7)	79 (100.0)
Village	17 (22.7)	0 (0)
Suburbs	5 (6.7)	0 (0)
Method of survey completion, <i>n</i> (%)		
At home	25 (33.3)	79 (100.0)
After patient care education seminar	9 (12.0)	0 (0)
During clinical visit	36 (48.0)	0 (0)
On website	5 (6.7)	0 (0)

SD: standard deviation.

Table SII. Impact of clinical condition of childhood vitiligo on the parents

Items	Sex		Progression		Site of involvement				Clinical type				Duration of disease			
	Male (n=31)	Female (n=44)	Progressive (n=27)	Stable (n=48)	Exposed sites (n=41)	Non-exposed sites (n=34)	Localized (n=61)	Vulgaris (n=10)	Segmental (n=2)	Generalized (n=2)	<1 year (n=47)	1–2 years (n=14)	>2 years (n=14)			
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)			
B1	51.0 (8.3)	52.6 (8.3)	51.2 (7.7)	52.4 (8.7)	51.7 (9.3)	52.3 (7.1)	52.3 (8.5)	47.9 (6.1)	63.0 (4.2)	50.5 (0.7)	53.0 (9.1)	51.6 (5.6)	48.6 (7.2)			
B2	43.2 (6.3)	41.2 (6.4)	42.5 (7.2)	41.8 (5.9)	43.5 (5.3)*	40.3 (7.2)*	41.8 (6.4)	45.2 (5.5)	41.5 (4.9)	33.5 (2.1)	42.3 (6.4)	41.7 (5.7)	41.3 (7.0)			
B3	44.2 (3.9)	43.9 (4.4)	43.1 (5.0)	44.5 (3.5)	44.2 (3.8)	43.7 (4.6)	44.1 (4.2)	44.5 (2.9)	45.0 (7.1)	38.0 (2.8)	44.1 (4.3)	45.1 (2.9)	42.5 (4.6)			
BZT	138.4 (10.1)	137.7 (14.0)	136.8 (13.7)	138.6 (11.8)	137.7 (13.1)	138.3 (11.9)	138.2 (12.7)	137.6 (9.4)	149.5 (16.3)	122.0 (5.7)	139.5 (13.2)	138.4 (9.0)	132.4 (12.2)			
M1	36.2 (9.4)	33.8 (8.8)	33.8 (9.3)	35.4 (9.0)	36.0 (9.4)	33.4 (8.6)	35.2 (8.3)	35.8 (13.1)	32.5 (2.1)	21.0 (1.4)	34.5 (8.9)	33.1 (8.3)	37.7 (10.3)			
M2	41.5 (14.9)	47.0 (15.5)	43.2 (15.7)	45.6 (15.3)	45.0 (15.7)	44.4 (15.3)	46.1 (15.2)	41.0 (17.5)	37.0 (5.7)	30.0 (5.7)	45.4 (15.8)	47.6 (14.3)	39.7 (15.0)			
M3	21.2 (4.5)	21.2 (4.0)	19.8 (4.1)*	21.9 (4.1)*	21.7 (4.2)	20.5 (4.2)	21.3 (4.0)	22.2 (4.8)	16.5 (0.7)	16.5 (4.9)	20.8 (3.9)	22.3 (3.6)	21.1 (5.4)			
MZT	98.8 (21.3)	102.0 (22.6)	96.8 (21.9)	102.9 (22.0)	102.7 (21.6)	98.3 (22.5)	102.5 (20.9)	99.0 (26.9)	86.0 (7.1)	67.5 (0.7)	100.7 (22.0)	103.0 (22.7)	98.5 (22.7)			
S1	31.7 (4.8)	30.1 (4.9)	29.4 (4.7)	31.5 (4.9)	30.8 (4.8)	30.6 (5.2)	30.6 (4.6)*	33.8 (4.8)*	28.0 (9.9)*	23.0 (1.4)*	30.3 (4.8)	31.3 (4.8)	31.7 (5.5)			
S2	37.0 (8.4)	38.0 (6.5)	37.4 (7.6)	37.7 (7.2)	37.2 (7.7)	38.1 (6.8)	37.6 (7.1)	40.0 (7.7)	33.5 (12.0)	29.0 (5.7)	38.0 (6.8)	36.3 (6.6)	37.7 (9.7)			
S3	21.9 (5.1)	22.6 (4.2)	22.6 (4.0)	22.2 (4.9)	21.8 (4.3)	23.0 (4.9)	22.3 (4.6)	23.9 (4.1)	21.5 (2.1)	17.0 (5.7)	22.7 (4.3)	20.6 (4.9)	22.7 (5.1)			
SZT	90.6 (16.4)	90.7 (12.2)	89.4 (13.4)	91.4 (14.4)	89.8 (14.4)	91.7 (13.6)	90.5 (13.2)*	97.7 (13.8)*	83.0 (24.0)*	69.0 (12.7)*	91.0 (12.5)	88.2 (14.6)	92.1 (18.4)			
ZCZT	327.8 (36.7)	330.4 (34.5)	323.0 (32.2)	332.9 (36.6)	330.2 (37.7)	328.3 (32.4)	331.2 (33.0)*	334.3 (41.0)*	318.5 (14.8)*	258.5 (19.1)*	331.2 (32.8)	329.6 (35.7)	323.0 (44.0)			

* $p < 0.05$ sex, progression and site of involvement analysed by independent samples t-test. Clinical type and duration of disease analysed using one-way analysis of variance (ANOVA).

Table SIII. Impact of children's clinical condition on parent's Dermatitis Family Impact Questionnaire (DFI)

Items	Sex		Progression			Site of involvement			Clinical type			Duration of disease		
	Male		Progressive			Exposed sites			Localized			<1 year		
	Mean (SD)	Female (n=28)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)
Q1	0.6 (0.7)	1.0 (0.7)	0.7 (0.6)	0.7 (0.6)	0.9 (0.8)	0.9 (0.6)	0.6 (0.7)	0.7 (0.6)*	0.7 (0.6)*	1.3 (0.8)*	0.5 (0.7)*	2.0*	0.7 (0.7)	0.8 (0.8)
Q2	0.6 (0.7)	1.0 (0.7)	0.7 (0.6)	0.7 (0.6)	0.9 (0.8)	0.9 (0.6)	0.6 (0.7)	0.7 (0.6)*	0.7 (0.6)*	1.3 (0.8)*	0.5 (0.7)*	2.0*	0.7 (0.7)	0.8 (0.8)
Q3	0.2 (0.4)	0.2 (0.4)	0.2 (0.4)	0.2 (0.4)	0.2 (0.4)	0.3 (0.5)	0.1 (0.3)	0.2 (0.4)	0.2 (0.4)	0.1 (0.4)	0.0 (0.0)	0.0	0.2 (0.4)	0.2 (0.4)
Q4	1.2 (0.7)	1.5 (0.5)	1.3 (0.6)	1.3 (0.6)	1.6 (0.7)	1.5 (0.5)	1.2 (0.8)	1.3 (0.6)	1.3 (0.6)	1.9 (0.7)	1.5 (0.7)	2.0	1.4 (0.7)	1.5 (0.7)
Q5	0.5 (0.7)	0.9 (0.7)	0.6 (0.7)	0.6 (0.7)	0.9 (0.7)	0.7 (0.8)	0.6 (0.7)	0.5 (0.6)*	0.5 (0.6)*	1.4 (1.0)*	0.0 (0.0)*	2.0*	0.6 (0.8)	0.6 (0.7)
Q6	1.1 (0.8)	0.9 (0.7)	1.0 (0.8)	1.0 (0.8)	1.0 (0.6)	1.0 (0.7)	0.9 (0.8)	0.9 (0.7)	0.9 (0.7)	1.3 (0.8)	1.0 (1.4)	1.0	1.0 (0.7)	1.1 (0.7)
Q7	1.3 (0.7)	1.5 (0.5)	1.4 (0.5)	1.4 (0.5)	1.6 (0.7)	1.4 (0.5)	1.4 (0.7)	1.3 (0.5)	1.3 (0.5)	1.9 (0.9)	1.5 (0.7)	2.0	1.3 (0.5)	1.7 (0.8)
Q8	1.9 (0.7)	2.0 (0.8)	1.9 (0.7)	1.9 (0.7)	2.0 (0.7)	2.1 (0.6)	1.8 (0.8)	2.0 (0.6)	2.0 (0.6)	2.1 (0.9)	1.0 (0.0)	3.0	1.9 (0.7)	2.1 (0.5)
Q9	1.0 (0.8)	1.1 (1.0)	0.9 (0.9)	0.9 (0.9)	1.4 (1.0)	1.1 (0.7)	1.0 (1.1)	1.0 (0.9)	1.0 (0.9)	1.4 (1.0)	0.5 (0.7)	3.0	1.0 (0.8)	1.0 (0.9)
Q10	1.8 (0.7)	2.0 (0.7)	1.7 (0.7)*	1.7 (0.7)*	2.2 (0.7)*	1.9 (0.7)	1.8 (0.8)	1.8 (0.7)*	1.8 (0.7)*	2.6 (0.5)*	1.0 (0.0)*	2.0*	1.7 (0.6)	2.2 (0.9)
Total	10.3 (4.3)	12.0 (4.6)	10.3 (4.2)	10.3 (4.2)	12.6 (4.7)	11.9 (4.0)	10.0 (4.8)	10.3 (3.8)*	10.3 (3.8)*	15.3 (5.3)*	7.5 (2.1)*	19.0*	10.5 (4.5)	12.0 (4.2)

*p<0.05 sex, progression and site of involvement analysed by independent samples t-test. Clinical type and duration of disease analysed using one-way ANOVA.

Q1: Housework, Q2: Food, Q3: Sleep, Q4: Leisure, Q5: Time shopping, Q6: Expenditure, Q7: Tiredness, Q8: Emotional distress, Q9: Relationships, Q10: Treatment.