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Table S1. Correlations between Hairdex subscales, Perceived Stigmatization Questionnaire subscales, the Contextual Illness Support subscales, the Brief Resilience Scale, Satisfaction of Life Scale, the General Anxiety Disorder Scale and the duration of disease in the German-speaking sample.

Variable	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. HD Sc Symptoms	—														
2. HD Sc Functioning	.427***	—													
3. HD Sc Emotions	.534***	.848***	—												
4. HD Sc Self-confidence	.157***	-.197***	-.023	—											
5. HD Sc Stigma	.328***	.739***	.670***	-.177***	—										
6. PSQ total	.125**	.394***	.220***	-.326***	.533***	—									
7. Positive support	-.186***	-.439***	-.334***	.263***	-.314***	-.276***	—								
8. Problematic support	.316***	.488***	.469***	-.039	.432***	.384***	-.339***	—							
9. BRS	-.133**	-.388***	-.381***	.206***	-.305***	-.264***	.273***	-.357***	—						
10. SWLS	-.219***	-.578***	-.481***	.322***	-.437***	-.359***	.482***	-.379***	.461***	—					
11. SPANE-P	-.330***	-.667***	-.606***	.302***	-.521***	-.357***	.526***	-.410***	.489***	.752***	—				
12. SPANE-N	.321***	.660***	.656***	-.184***	.542***	.309***	-.409***	.454***	-.504***	-.614***	.734***	—			
13. GAD-7	.318***	.532***	.528***	-.129**	.464***	.329***	-.318***	.489***	-.480***	-.487***	-.619***	.734***	—		
14. WHO-5	.309***	.619***	.567***	-.315***	.487***	.369***	-.467***	.431***	-.472***	-.677***	-.797***	.720***	.646***	—	
15. Duration of disease	-.212***	-.130**	-.234***	-.167***	-.061	.052	-.018	-.161***	-.017	.019	.089	-.095	-.057	-.064	—

Abbreviation: HD (Hairdex), Sc (Subscale), PSQ (Perceived Stigmatization Questionnaire), BRS (Brief Resilience Score), SWLS (Satisfaction with Life Scale), SPANE-P (Scale of Positive and Negative Experience - Positive Experiences), SPANE-N (Negative Experiences), GAD-7 (Generalized Anxiety Disorder 7), WHO-5 (WHO-Five Well-Being Index). Note. *p < .05. **p < .01. *** p < .001

Table SII. Correlations between Hairdex subscales, Perceived Stigmatization Questionnaire subscales, the Contextual Illness Support subscales, the Brief Resilience Scale, Satisfaction of Life Scale, the General Anxiety Disorder Scale and the disease duration in the U.S. sample.

Variable	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Hairdex Sc Symptoms	—															
2. Hairdex Sc Functioning	.398***	—														
3. Hairdex Sc Emotions	.545***	.799***	—													
4. Hairdex Sc Self-confidence	.233***	-.007	.168**	—												
5. Hairdex Sc Stigma	.305***	.673***	.630***	.010	—											
6. DLQI	.455***	.838***	.764***	.031	.574***	—										
7. PSQ total	.068	.257***	.167*	-.161*	.508***	.162*	—									
8. Positive support	-.073	-.331***	-.204**	.247***	-.208**	-.231**	-.243***	—								
9. Problematic support	.190**	.162*	.159*	-.015	.122	.156*	.046	.010	—							
10. BRS	-.176*	-.423***	-.384***	.208**	-.416***	-.346***	-.380***	.202**	-.137	—						
11. SWLS	-.119	-.344***	-.342***	.283***	-.359***	-.269***	-.281***	-.428*	-.036	.497***	—					
12. SPANE-P	-.175*	-.449***	-.444***	.214**	-.406***	-.372***	-.289***	.337***	-.101	.521***	.663***	—				
13. SPANE-N	.228**	.423***	.437***	-.157*	.358***	-.758***	.288***	-.325***	.144*	-.556***	-.543***	-.776***	—			
14. GAD-7	.292***	.398***	.393***	-.005	.362***	.360***	.366***	-.201**	.255***	-.541***	-.347***	-.530***	.684***	—		
15. WHO-5	.288***	.446***	.452***	-.188**	.376***	.369***	.227**	-.307***	.195**	-.534***	-.592***	-.770***	.723***	.550***	—	
16. Duration of disease	-.295***	-.093	-.260***	-.207**	-.063	-.211***	-.173*	.018	-.088	.024	-.007	.085	-.095	-.114	-.105	—

Abbreviation: HD (Hairdex), Sc (Subscale), PSQ (Perceived Stigmatization Questionnaire), BRS (Brief Resilience Score), SWLS (Satisfaction with Life Scale), SPANE-P (Scale of Positive and Negative Experience - Positive Experiences), SPANE-N (Negative Experiences), GAD-7 (Generalized Anxiety Disorder 7), WHO-5 (WHO-Five Well-Being Index). Note. *p < .05. **p < .01. *** p < .001

Table SIII. Correlations of the Hairdex subscales with the Dermatology Life Quality Index (DLQI) and the 20-Item Short Form Survey (SF-20) subscales in the U.S. sample.

Variable	1	2	3	4	5	6	7	8	9	10	11	12
1. Hairdex Sc Symptoms	—											
2. Hairdex Sc Functioning	.398***	—										
3. Hairdex Sc Emotions	.545***	.799***	—									
4. Hairdex Sc Self-confidence	.233***	-.007	.168**	—								
5. Hairdex Sc Stigma	.305***	.673***	.630***	.010	—							
6. DLQI	.455***	.838***	.764***	.031	.574***	—						
7. SF-20 Physical functioning	-.061	-.178**	-.117	-.221***	-.202**	-.120	—					
8. SF-20 Role functioning	-.041	-.118	-.092	.144*	-.124	-.097	-.556***	—				
9. SF-20 Social functioning	-.248***	-.470***	-.344***	-.111	-.357***	-.442***	.306***	.335***	—			
10. SF-20 Mental health	-.271***	-.575***	-.517***	.165*	-.509***	-.520***	.169*	.181**	.474***	—		
11. SF-20 Health perceptions	-.257***	-.305***	-.330***	.246***	-.323***	-.246***	.461***	.473***	.488***	.485***	—	
12. SF-20 Pain	.073	.013	.044	-.215**	.143*	-.050	-.447***	-.463***	-.204**	-.146*	-.439***	—

Note. * $p < .05$. ** $p < .01$. *** $p < .001$

Table SIV. Disease-related QoL (Hairdex) and stigmatization (Perceived Stigmatization Questionnaire) mean values in relation to the severity grade of the German-speaking alopecia areata and alopecia androgenetica samples.

Severity grade	AA (n=432)				AGA (n=102)		
	I	II	III	IV	I	II	III
Hairdex Sc Symptoms	29.8 (20.6)	29.9 (17.9)	17.0 (13.6)	20.4 (18.1)	28.7 (17.9)	38.4 (18.3)	31.0 (24.4)
Hairdex Sc Functioning	30.9 (24.5)	40.1 (22.4)	37.1 (23.7)	33.5 (25.2)	44.0 (27.9)	57.8 (19.5)	48.6 (26.1)
Hairdex Sc Emotion	53.8 (22.7)	55.6 (21.3)	46.2 (25.9)	41.6 (26.2)	65.1 (20.3)	76.2 (14.4)	62.7 (26.0)
Hairdex Sc Self-confidence	55.5 (9.86)	47.4 (11.5)	45.2 (13.0)	42.7 (12.7)	55.1 (15.5)	48.9 (8.17)	45.6 (10.2)
Hairdex Sc Stigmatization	33.0 (17.8)	40.7 (15.5)	43.2 (15.3)	40.0 (17.3)	40.5 (16.3)	52.3 (15.9)	52.3 (21.0)
PSQ total	1.91 (0.47)	2.22 (0.56)	2.29 (0.57)	2.27 (0.56)	1.81 (0.48)	2.03 (0.44)	2.11 (0.49)
PSQ Sc Absence of friendly behaviour	2.10 (0.47)	2.28 (0.58)	2.22 (0.67)	2.17 (0.53)	2.14 (0.49)	2.23 (0.72)	2.32 (0.50)
PSQ Sc Confusing, staring behaviour	2.01 (0.78)	2.52 (0.86)	2.77 (0.87)	2.78 (0.83)	1.72 (0.63)	2.07 (0.49)	2.25 (0.54)
PSQ Sc Hostile behaviour	1.46 (0.60)	1.65 (0.60)	1.61 (0.64)	1.61 (0.64)	1.41 (0.54)	1.65 (0.49)	1.57 (0.63)

Abbreviation: HD (Hairdex), Sc (Subscale), PSQ (Perceived Stigmatization Questionnaire), Alopecia areata (AA), Alopecia androgenetica (AGA). Severity grade for AA: I - less than 30% of scalp affected; II – more than 30% affected; III - Alopecia totalis; IV – Alopecia universalis, Severity grade for AGA I, II, III adapted from the simplified Hamiltod-Norwood/ Ludwig scale. Mean (SD).

Table SV. Disease-related Quality of Life (Hairdex), stigmatization (Perceived Stigmatization Questionnaire) and Dermatology life Quality Index (DLQI) mean values in relation to the severity grade of the U.S. alopecia areata and alopecia androgenetica samples.

Severity grade	AA (n=199)				AGA (n=47)		
	I	II	III	IV	I	II	III
Hairdex Sc Symptoms	26.8 (14.7)	39.4 (22.7)	17.7 (18.9)	18.8 (19.8)	41.7 (20.8)	35.3 (17.8)	30.6 (22.5)
Hairdex Sc Functioning	41.2 (23.3)	53.4 (29.4)	41.8 (27.5)	46.9 (27.2)	52.8 (37.6)	48.0 (26.7)	63.9 (31.2)
Hairdex Sc Emotion	60.8 (21.9)	70.5 (27.7)	50.8 (25.0)	53.2 (28.3)	83.3 (8.6)	63.8 (27.6)	68.0 (27.1)
Hairdex Sc Self-confidence	60.0 (10.9)	55.3 (11.3)	46.7 (12.4)	49.7 (13.4)	63.9 (15.5)	55.3 (17.9)	53.7 (12.5)
Hairdex Sc Stigmatization	37.1 (16.4)	44.5 (18.6)	41.9 (16.6)	47.3 (19.4)	56.3 (19.0)	44.1 (19.5)	53.1 (22.0)
PSQ total	1.76 (0.56)	1.80 (0.55)	1.99 (0.59)	2.02 (0.63)	2.68 (1.13)	1.81 (0.80)	2.11 (0.78)
PSQ Sc Absence of friendly behaviour	2.13 (0.49)	2.05 (0.52)	2.19 (0.30)	2.11 (0.70)	3.33 (0.38)	2.03 (0.81)	2.51 (0.94)
PSQ Sc Confusing, staring behaviour	1.76 (0.68)	2.04 (0.89)	2.35 (0.95)	2.44 (0.92)	2.50 (0.74)	1.92 (0.53)	2.27 (0.85)
PSQ Sc Hostile behaviour	1.40 (0.91)	1.29 (0.61)	1.44 (0.79)	1.51 (0.66)	2.20 (1.74)	1.47 (1.09)	1.55 (0.97)
DLQI score	7.36 (4.98)	11.3 (6.67)	9.46 (9.21)	8.45 (6.72)	6.67 (7.23)	9.57 (6.00)	12.1 (9.51)

Abbreviation: HD (Hairdex), Sc (Subscale), PSQ (Perceived Stigmatization Questionnaire), Dermatology life Quality Index (DLQI), Alopecia areata (AA), Alopecia androgenetica (AGA). Severity grade for AA: I - less than 30% of scalp affected; II – more than 30% affected; III - Alopecia totalis; IV – Alopecia universalis, Severity grade for AGA I, II, III adapted from the simplified Hamilton-Norwood/ Ludwig scale. Mean (SD).

Table SVI. Comparison of stigmatization, disease-related quality of life, resilience, social support, happiness, and mental health between the German-speaking and the U.S. sample.

Domain	GS n=525	U.S. n=246	χ^2	df	p-value
	Mean (SD)	Mean (SD)			
Hairdex Sc Symptoms	22.4 (18.48)	33.4 (20.3)	3.624	1	.057
Hairdex Sc Functioning	34.4 (24.65)	50.7 (24.8)	38.251	1	<.001
Hairdex Sc Emotion	45.4 (25.72)	68.7 (20.6)	41.316	1	<.001
Hairdex Sc Self-confidence	45.2 (12.95)	50.3 (12.1)	41.479	1	<.001
Hairdex Sc Stigmatization	39.6 (17.11)	48.1 (18.4)	12.722	1	<.001
PSQ total	2.22 (0.56)	1.98 (0.48)	35.544	1	<.001
PSQ Sc Absence of friendly behaviour	2.18 (0.55)	2.24 (0.56)	0.046	1	.829
PSQ Sc Confusing, staring behaviour	2.65 (0.87)	2.00 (0.71)	31.035	1	<.001
PSQ Sc Hostile behaviour	1.60 (0.65)	1.55 (0.56)	28.074	1	<.001
BRS	3.10 (0.43)	3.02 (0.41)	2.664	1	.103
ISSS/CISS: Positive Support Scale	3.96 (0.76)	3.53 (0.95)	40.432	1	<.001
ISSS/CISS: Problematic Support Scale	2.30 (0.68)	2.51 (0.74)	0.329	1	.566
SPANE-P	20.80 (5.16)	19.98 (5.67)	1.329	1	.249
SPANE-N	16.29 (5.22)	19.01 (5.28)	4.712	1	.030
SWLS	24.63 (6.62)	22.24 (6.96)	41.001	1	<.001
WHO-5	50.88 (19.10)	59.10 (15.32)	126.420	1	<.001
GAD-7	14.36 (4.80)	15.57 (5.61)	0.002	1	.957

Abbreviation: Sc (Subscale), PSQ (Perceived Stigmatization Questionnaire), BRS (Brief Resilience Score), ISSS (Illness-specific social support scale), CISS (Contextual Illness Support Scale), SD (Standard deviation), SPANE-P (Scale of Positive and Negative Experience - Positive Experiences), SPANE-N (Negative Experiences), SWLS (Satisfaction with Life Scale), WHO-5 (WHO-Five Well-Being Index), GAD-7 (Generalized Anxiety Disorder 7).