

Table SII. Metrological characteristics of all the algorithms used to define hidradenitis suppurativa, psoriasis and vitiligo

Item no.	Hidradenitis suppurativa	Questions	Psoriasis	Questions	Vitiligo	Questions
1	I have HS	1	I have psoriasis	1	I have vitiligo	1
2	I have HS & it was diagnosed by a dermatologist	1 & 2	I have psoriasis & it was diagnosed by a dermatologist	1 & 2	I have vitiligo & it was diagnosed by a dermatologist	1 & 2
3	I have HS & it was diagnosed by a non-dermatologist practitioner	1 & 3	I have psoriasis & it was diagnosed by a non-dermatologist practitioner	1 & 3	I have vitiligo & it was diagnosed by a non-dermatologist practitioner	1 & 3
4	I have HS & it was diagnosed by a doctor	1 & (2 or 3)	I have psoriasis & it was diagnosed by a doctor	1 & (2 or 3)	I have vitiligo & it was diagnosed by a doctor	1 & (2 or 3)
5	I have HS & I made the diagnosis myself	1 & 4	I have psoriasis & I made the diagnosis myself	1 & 4	I have vitiligo & I made the diagnosis myself	1 & 4
6	Photographs of typical lesions in armpit OR inguinal creases OR bottom	5 or 6 or 7	Photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp	5 or 6 or 7	Photographs of typical lesions (face/hands/trunk)	8
7	I have HS & photographs of typical lesions in armpit OR inguinal creases OR bottom	1 & 5 or 6 or 7	I have psoriasis & photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp	1 & 5 or 6 or 7	I have vitiligo & photographs of typical lesions (face/hands/trunk)	1 & 8
8	I had painful abscesses lesions & in armpit/inguinal creases/bottom & occurring repeatedly in the same area	8 & 9 & 10	Photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp OR I had lesions of armpit/groin crease, between buttocks or under breasts for more than 2 weeks	8 & 9 & 10		5 or 6 or 7 or 8
9	I have HS & I had painful abscesses lesions & in armpit/inguinal creases/bottom & occurring repeatedly in the same area	1 & 8 & 9 & 10	I have psoriasis & photographs of typical lesions on elbows/lumbosacral area OR nails OR scalp OR I had lesions of armpit/groin crease, between buttocks or under breasts for more than 2 weeks	1 & 5 or 6 or 7 or 8		1 & 5 or 6 or 7 or 8
10	I had lesions in armpit/inguinal creases/bottom & occurring repeatedly in the same area	9 & 10				
11	I have HS & I had lesions in armpit/inguinal creases/bottom & occurring repeatedly in the same area	1 & 9 & 10				