

Supplementary table 2 – List of variables available from the baseline assessment interviews in the Danish Skin Cohort

Variable	Type	Choice	Details
Height	Continuous	Single	Centimetres
Weight	Continuous	Single	Kilograms
Smoking	Categorical	Single	Current daily smoker Current non-daily smoker Former smoker Never smoker
Duration of tobacco use	Continuous	Single	Years with active tobacco use
Quantitative tobacco use	Continuous	Single	Grams of tobacco per day
Alcohol use	Continuous	Single	Units of alcohol per week
Work time activity level	Ordinal	Single	Athletic Vigorous Moderate Sedentary
Leisure time activity level	Ordinal	Single	Athletic Vigorous Moderate Sedentary
Dietary habits	Ordinal	Single	Very healthy Healthy Reasonably healthy Unhealthy Very unhealthy
Joint pain within last 7 days	Interval	Single	Numeric Rating Scale (0 to 10)
Skin pain within last 7 days	Interval	Single	Numeric Rating Scale (0 to 10)
Skin pruritus within last 3 days	Interval	Single	Numeric Rating Scale (0 to 10)
Trouble sleeping within last 3 days	Interval	Single	Numeric Rating Scale (0 to 10)

Patient reported psoriasis	Categorical	Multiple	A dermatologist has diagnosed me with psoriasis A non-dermatologist physician has diagnosed me with psoriasis A physician has not diagnosed me, but I have/have had psoriasis I have never had psoriasis
Patient reported atopic dermatitis	Categorical	Multiple	A dermatologist has diagnosed me with atopic dermatitis A non-dermatologist physician has diagnosed me with atopic dermatitis A physician has not diagnosed me, but I have/have had atopic dermatitis I have never had atopic dermatitis
Age at psoriasis/atopic dermatitis onset	Continuous	Single	Age in years
Age at psoriasis/atopic dermatitis onset	Ordinal	Single	Age less than 2 years Age between 2 and 5 years Age between 5 and 10 years Age between 10 and 18 years Age between 18 and 45 years Age greater than 45 years
Active psoriasis/atopic dermatitis in the past 12 months	Dichotomous	Single	Yes / No
Family history of same skin disease (psoriasis/atopic dermatitis)	Categorical	Multiple	Sibling Mother Father Grandparent Children
Importance of obtaining complete skin clearance (“totally clear skin”)	Interval	Single	Numeric Rating Scale (0 to 10)
Importance of obtaining almost complete skin clearance (“virtually complete, but not complete, clear skin”)	Interval	Single	Numeric Rating Scale (0 to 10)

Location of pruritus	Categorical	Single	Exclusively pruritus at lesional skin Predominantly but not exclusively at lesional skin Exclusively pruritus at non-lesional skin Equal amounts of pruritus at lesional and non-lesional skin No pruritus
Palmar hyperlinearity	Dichotomous	Single	Yes / No
Regularly has dry and scaling skin on shins in the winter	Dichotomous	Single	Yes / No
Regularly has dry and scaling skin on glabellar area in the winter	Dichotomous	Single	Yes / No
Regularly has chapped/fissured fingertips in the winter	Dichotomous	Single	Yes / No
Permanently has small, hard bumps on the upper arms (keratosis pilaris)	Dichotomous	Single	Yes / No
Current affected body surface area	Interval	Single	0 to 100
Number of disease flares in the past 12 months	Continuous	Single	A flare is defined as one or more consecutive days with significant worsening of symptoms requiring escalation of treatment or seeking additional medical advice

Anatomical location	Categorical	Multiple	
			Abdomen Ankles Anterior neck and clavicle area Arms (excl. elbows and cubital fossa) Axilla Back (excl. lumbar area) Back of feet Back of hands Back of head Buttocks and upper thigh, posterior Chest and abdomen (excl. umbilicus) Chest, anterior Chest, posterior Cubital fossa Ears Elbows Face Face (excl. periocular area and ears) Genitals Gluteal area (excl. intergluteal cleft) Groin area Interdigital area Intergluteal cleft Knees Left achilles tendon and heel Left ankle, instep or anterior foot Left hand, dorsal Left hand, palmar Left knee and anterior shin Left lower arm, anterior Left lower arm, posterior Left popliteal fossa and lower thigh Left shoulder, anterior Left shoulder, posterior Left thigh, anterior Left upper arm, anterior Left upper arm, posterior Legs (excl. knees and popliteal fossa) Lower back and flanks Lumbar area Nails

			Neck Palms Periocular Popliteal fossa Posterior neck and girdle area Right achilles tendon and heel Right ankle, instep or anterior foot Right hand, dorsal Right hand, palmar Right knee and anterior shin Right lower arm, anterior Right lower arm, posterior Right popliteal fossa and lower thigh Right shoulder, anterior Right shoulder, posterior Right thigh, anterior Right upper arm, anterior Right upper arm, posterior Scalp or hairline Sole of feet Umbilicus Wrists
Touch avoidance in the last 7 days	Interval	Single	Numeric Rating Scale (0 to 10)
In the past week, were you sexually active?	Categorical	Single	(Sexual Impact Scale) Yes No, due to my genital skin disease No, due to reasons other than my genital skin disease
In the past week, how often did you avoid sexual activity because of your genital skin disease symptoms?	Ordinal	Single	(Sexual Impact Scale) Never Rarely Sometimes Often

In the past week, how would you rate the level (degree) of worsening of your genital skin disease symptoms during or following sexual activity?	Ordinal	Single	(Sexual Impact Scale) Very high High Moderate Low Very low or none at all
UKWP Criteria			UK Working Party Criteria Multiple variables (one for each criteria)
PO-SCORAD			Patient-Oriented SCORing Atopic Dermatitis Multiple variables (one for each question)
EQ-5D-5L			EuroQoL 5 Dimensions 5 Levels Multiple variables (one for each question)
DLQI			Dermatology Life Quality Index Multiple variables (one for each question)