

Table SIV. Characteristics of included studies

PROM	Number of studies (ref.)	Study characteristics			Study population			
		Study setting	Country of study	Language(s)	Sample size, n	Age, years (SD, range)	Female (%)	Skin disease(s)
ACSD	1 (32)	Dermatology clinic in and outpatients	Germany	German	442			Atopic dermatitis, Contact eczema, psoriasis, acne, vitiligo, epidermolysis bullosa
CDLQI	1 (33)	Paediatric dermatology clinic	UK	English	233	11.1 (SD 3.5)	62	Eczema, viral warts, molluscum contagiosum, psoriasis, acne, infection, other discrete lesions e.g. moles, naevi, other inflammatory disease, others
CDLQI-C	1 (34)	nr	China	Cantonese	60	Children with skin problems=9.47 Children with problems unrelated to skin=8.87	25	Scabies (n=2), atopic dermatitis (n=8), acne (n=5), miscellaneous (n=4), psoriasis (n=2), molluscum contagiosum (n=3), Viral warts (n=3), Moles and naevi (n=3), Problems unrelated to skin (n=30)
CQI-CSD	1 (74)	Recruited through insurance providers	Netherlands	Dutch	116	Numbers not reported	58.5	Acneiform dermatoses, allergological problem, eczema, hair and nail disorders, inflammatory dermatoses, pigment disorders, premanifest dermatoses, psoriasis form dermatoses, leg ulcers
DIS	1 (35)	Online survey	USA	English	1109	49.1 (SD=13.6)	70	Psoriasis
DLQI	8 (22, 24, 36-39, 69, 76)	Dermatology outpatient clinic (36)	UK	English	352	Dermatology patients=43.7 (median=42, range=15-75). Controls=36.9 (median=34.5, range=15-75). Test-retest reliability group: median=36, range=15-66.	59	Acne, psoriasis, other eczema, mole, atopic eczema, viral wart, BCC, seborrheic wart, solar keratosis, Bowen's disease, facial rash/flushing, alopecia areata, cyst, discoid lupus erythematosus, dermatofibroma, granuloma annulare, onychomycosis, pityriasis rosea, rosacea/rhinophyma, chondrodermatitis, dermatitis herpetiformis, drug reaction, hair loss, haemangioma, lentigo simplex, localized blistering, leg callosity, pilar cyst, pityriasis versicolor, scabies, Sweet's syndrome, other
		Randomized-controlled trial (39)	USA	English	826	nr	nr	Chronic idiopathic urticaria
		Randomized controlled trial (37)	USA	English	147	44.2 (SD=12.7)	33	Psoriasis (moderate to severe)
		Dermatology outpatient clinic (76)	USA	English	257	44.9 (SD=13.3)	57	Chronic hand dermatitis
		Dermatology outpatient clinic (22)	USA	English	179	43 (range=17-82)	67	Psoriasis, eczema
		Dermatology outpatient clinic (16)	Germany	English	527	44.7 (SD=11.6; range=18-67)	37	Hand eczema
		Clinical trial (24)	USA, Canada	English	826	nr	nr	Chronic idiopathic urticaria
		Postal survey (38)	UK	English	292	Psoriasis: 44.4 (SD=14.7, range=17-83) Atopic dermatitis: 45.5 (SD=16.6, range=20-82)	50	Psoriasis, atopic dermatitis
DLQI-B	1 (40)	Community (75) Dermatology outpatient clinic	UK Brazil	English Brazilian-Portuguese	56 115	Range=16-53 Derm patients=42 (SD=15); LE patients=38 (SD=12)	nr Derm patients: 75 LE patients: 83	Atopic dermatitis Derm patients: onychomycosis and psoriasis (6 patients each), contact dermatitis (4 patients), and solar keratosis, viral warts and vitiligo. Lupus erythematosus with cutaneous lesions.
DLQI-C	4 (41-44)	Hospital (44) Hospital (43) Dermatology clinic (41) Hospital (42)	China China China China	Chinese Chinese Chinese Chinese	851 131 150 9845	38.5 (SD=13.8) 32.94 (±0.70) nr 33 (SD=13.5; range=16-91)	39 63 44.4 63	Psoriasis Chronic urticaria Neurodermatitis (lichen simplex chronicus) Acne, eczema, dermatitis, psoriasis, urticaria, other
DLQI-D	1 (27)	Hospital (in and outpatient)	Denmark	Danish	400	Outpatients - 43 (range=18-81) Hospitalized - 48 (range=17-89)	Outpatients: 63 Hospitalised: 64	Psoriasis, atopic eczema, other eczema, urticarial, bullous disease, erythroderma, hyperhidrosis, collagenosis, pruritus, acne, viral warts, "miscellaneous"
DLQI-N	1 (46)	Health Centre	Norway	Norwegian	230	48 (SD=13.4)	41	Psoriasis
DLQI-S	1 (30)	Dermatology clinic	Sri Lanka	Sinhala	200	40.3	nr	Eczema, psoriasis, acne, vitiligo, infections, other
DLQI-T	1 (47)	Dermatology outpatient clinic	Turkey	Turkish	90	Lichen planus=41.33 (SD=16.57) Psoriasis=40.03 (SD=16.10) Control=39.20 (SD=16.25)	58	Lichen planus (duration: 1.92 (SD=2.68); psoriasis (duration: 11.5 (SD=8.75))
DLQI-U	1 (19)	Dermatology clinic	Ukraine	Ukrainian	63	28.55 (SD=10.72)	57	Atopic dermatitis
DSQL	2 (49, 50)	Dermatology outpatient clinic (50) Dermatology clinics (49)	USA USA	English English	292 567	20.7 (±3.8) 45.4 (range=13-87)	60 29	Acne Contact dermatitis
PBI	1 (51)	nr	Germany	German	1406	nr	nr	Acne, atopic dermatitis, autoimmune, hand/foot eczema, alopecia, herpes zoster, hyperhidrosis, psoriasis, leg ulcer, urticaria
PeDeSi	1 (52)	Dermatology clinic	UK	English	145	nr	nr	nr

Table SIV. (contd.)

PROM	Number of studies (ref.)	Study characteristics			Study population			
		Study setting	Country of study	Language(s)	Sample size, n	Age, years (SD, range)	Female (%)	Skin disease(s)
SF-QES	2 (29)	Multicentre, randomized clinical psoriasis trial for outpatients.	nr	nr	827	nr	nr	nr
Skindex	(15) 1 (54)	Dermatology clinic Private and general dermatology clinics	Germany USA	German English	463 308	R=16-85 51 (SD=17)	35 60	Psoriasis, neurodermatitis Skin cancer, benign growth, eczematous dermatitis, acne vulgaris, acne rosacea, psoriasis, nail disease, warts, alopecia, skin ulcer, other
S29	2 (55, 77)	Dermatology clinic (55)	USA	English	682	56 (SD=18)	nr	Eczematous dermatitis, acne vulgaris, tinea (not of the nails), intertrigo, candidiasis, other inflammatory dermatoses, non-melanoma skin cancer, benign growth, warts, other isolated lesions, nail disease, other dermatoses
S29-C	1 (18)	Dermatology outpatient clinic (77) Dermatology clinic	USA China	English Chinese	454 221	45 32.5±12.2	60	Acne, psoriasis, seborrhoeic dermatitis, alopecia areata, vitiligo, naevi Isolated skin lesions (naevi, warts) and inflammatory dermatosis (psoriasis, acne)
S29-G	1 (56)	Dermatology inpatient clinics	Germany	German	Study 1: 121 Study 2: 174	Study 1: 47.8; SD=4.6 Study 2: 41.4; SD=15.7	Study 1: 44 Study 2: 59	Psoriasis, atopic dermatitis
S29-S	1 (31)	Dermatology outpatient clinic	Serbia	Serbian	285	42, 46±20	70	Acne vulgaris, verrucae vulgaris, psoriasis, mild dermatitis, venous ulcers, eczema, ulcers, other skin diseases (acne rosacea, urticaria, keratosis, tinea corporis or pedis, scabies, etc.)
S29-Sp	2 (26, 28)	Dermatology outpatient clinic (28)	Spain	Spanish	318	36 (SD=15)	65	Melanocytic nevus, warts, seborrhoeic and actinic keratosis, fibroma, basal cell carcinoma, acne, eczema, psoriasis, alopecia areata, urticaria, other
		Outpatient clinic (26)	Spain	Spanish	103	40±16	69	Melanocytic naevi, acne, warts, psoriasis, seborrhoeic keratosis, eczema, seborrhoeic dermatitis, lichen planus, basal cell carcinoma, lymphoma, melanoma, non-melanocytic naevi, alopecia areata, atopy, oral aphthae, urticaria, vitiligo, actinic keratosis, epidermal cyst, brooma, keloid, multiple angioleiomyomas, actinic porokeratosis, balanitis, hidradenitis, leg ulcer.
S16	1 (57)	Dermatology clinics	USA	English	541	58 (SD=18)	35	Eczematous dermatitis, basal cell carcinoma, actinic keratosis, benign growths, acne vulgaris, warts, psoriasis, squamous cell carcinoma, other
S16-A	1 (58)	Dermatology clinic	Saudi Arabia	Arabic	678	28.2 (SD=12.87)	49	Vitiligo, acne, eczema, post-inflammatory, hyperpigmentation, warts, psoriasis, benign naevi, fungal infections, urticarial, alopecia areata, others
S16-BP	1 (59)	Dermatology outpatient clinic and healthcare institution exclusively for the treatment of cancer patients	Brazil	Brazilian-Portuguese	110	47.39 (SD=15.27, range=18.95-87.48)	71	Dermatitis, non-melanoma skin cancer, leprosy, melasma, acne, senile freckle, other
S16-C	1 (18)	Dermatology clinic	China	Chinese	216	32.5±12.2	53	Isolated skin lesions (naevi, warts) and inflammatory dermatosis (psoriasis, acne)
hS16-M	1 (61)	Dermatology outpatient clinic	Morocco	Moroccan Arabic	120	39 (SD=16, range=15-90)	nr	Acne, bullous dermatoses, neutrophilic dermatosis, infectious dermatitis, toxiderma, system disease, psoriasis, eczema, urticaria, skin tumours, other (not specified)
S16-U	1 (19)	Dermatology clinic	Ukraine	Ukrainian	63	40.64 (SD=13.71)	38	Psoriasis
TQL	1 (62)	Dermatology outpatient clinic	Turkey	Turkish	327	With skin disease: mean: 26.84; range: 14-57 Healthy: mean: 29.06; range: 15-51	With skin disease: 51.8%; Healthy: 53.1%	Acne vulgaris, contact dermatitis, tinea, psoriasis, verruca, benign skin tumour, vitiligo, neurodermatitis, hyperpigmentations, bacterial infections, alopecia, acute urticarial, hirsutismus, photo. Dermatitis, skin cancer, scabies, drug eruptions, lichen ruber planus, Morbus Behcet, other

ACSD: Adjustment to Chronic Skin Diseases Questionnaire; CDLQI: Children's Dermatology Life Quality Index; CDLQI-C: Children's Dermatology Life Quality Index Cantonese; CQI-CSD: Consumer Quality Index Chronic Skin Disease; DIS: Dermatology Intimacy Scale; DLQI: Dermatology Life Quality Index; DLQI-B: DLQI Brazilian-Portuguese; DLQI-C: DLQI Chinese; DLQI-D: DLQI Danish; DLQI-I: DLQI Italian; DLQI-N: DLQI Norwegian; DLQI-S: DLQI Sinhala; DLQI-T: DLQI Turkish; DLQI-U: DLQI Ukrainian; DQOLS: Dermatology Quality of Life scales; DSQL: Dermatology-specific Quality of Life; FLQA-d: Freiburg Life Quality Assessment; PBI: Patient Benefit Index; PeDeSI: Person-Centred Dermatology Self-Care Index; PRISM: Pictorial Representation of Illness & Self-Measure; SF-QES: Short-form of the Questionnaire on Experience with Skin Complaints; S29: Skindex 29; S29-C: S29-Chinese; S29-G: S29-German; S29-S: S29-Serbian; S29-Sp: S29-Spanish; S16: Skindex-16; S16-A: S16-Arabic; S16-BP: S16-Brazilian-Portuguese; S16-C: S16-Chinese; S16-J: S16-Japanese; S16-M: S16-Moroccan-Arabic; S16-U: S16-Ukrainian; TQL: Turkish Quality of Life Instrument for skin disease; *nr: not reported.