

Table 2: What is the quality of life in patients with vitiligo compared to other skin diseases? L Shaw, I Mauri-Sole

Author / year	Study / type	Quality rating	Popln- no. in each arm	Outcomes measured	Effect size	CI or p value	Follow up	Scoring method	Comments	Bias
<b>QoL 1</b>										
Agarwal 2005	RCT(case series re QoL question)	N/A	43 total	Occurrence of new lesions, DLQI	N/R	N/R	N/R	DLQI	DLQI 3.5-4 median at baseline	Secondary care OP population
Parsad 2003	Case series	3	150 total	DLQI	N/R	N/R	N/R	DLQI	DLQI 10.67 mean	Secondary care OP population
Hartmann 2004	Case series	3	10	DLQI	N/R	N/R	N/R	DLQI	13-9.4.28% reduction with combination treatment.	Small series
Ongenaë 1 2005	Cohort study	2+	119 vitiligo/ 162 psoriasis	DLQI	N/R	P 0.01	N/R	DLQI	DLQI vitiligo 4.95 mean, psoriasis 6.26. Women DLQI similar for both diseases.Symptoms and treatment scored low, social , clothing and leisure scored high. ? Relevance DLQI in vitiligo	Different population sex, age. Retrospective database
Ongenaë 2 2005	Case series	3	78	DLQI					DLQI 7.3 (5.9 after camouflage)	Women. Members of support group.
Tijoe 2005	Case series	3	30	DLQI variant					narrowbandUVB	Non validated
Urpe 2005	Review	4								
Aghaei 2004	Diagnostic accuracy	N/R	70						Iranian translation DLQI 7.05(7.3)	
Firooz 2004	Case series	3	80	Illness perception questionnaire					50% major consequence, 57% affected self/esteem	
A McMichael 2004	Clinical review	4							34.5% patients have associated psychological morbidity	
Ongenaë 2004	Clinical report	4							Perception of poor information and reluctance to treat	
Rumpf 2004	Diagnostic study	3	333							
Sampogna 2004	Cohort	2+	Acne 107 Dermatitis 319 psoriasis 56 vitiligo21	GHQ12(WHO) Skindex29	Effect size(symptoms) 0 cmf 0.63 dermatitis Effect size (emotion scale).77 cmf 1.22 dermatitis. (social function) 1.13, 0.9 dermatitis				Vitiligo>>emotion and social functioning and <<symptoms	Baseline characteristics not addressed
Stangier 2003	cohort	2-		Adjustment to chronic skin diseases questionnaire						Poor attempt to match severity etc. No cmf with validated scale
Papadopoulos 2002	Case series	3	922	Illness Perception Questionnaire	N/R	<0.001	N/R	IPQ	Internal causation attributed more in Pakistani group	
Kent 2001	N/A								General paper on social anxiety and disfigurement.	
Sharma 2001	Case series	3	30 Psoriasis/ 30 Vitiligo	GHQ-H	N/R	0.0028		GHQ-H	QoL more affected in patients with vitiligo and not related to the extent of the disease	
Thompson 2001	Systematic review	1+	N/R	Social and psychological impact of disfigurement and adjustment to congenital and acquired disfiguring conditions.	N/R	N/R	N/R	RCT,Case-controls, other studies ( not reported)		No information on methodology, literature search, study quality nd similarities between studies. Not limited to vitiligo.
Njoo 2005	Open trial TLO1 in children								51 children. Baseline CDLQI= 5.6 at baseline	

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Kent 1999	Case series	3	668 UK Vitiligo Society	DLQI	N/R	<0.001	N/R	DLQI	Extent of coverage and time since diagnosis less relevant to QoL than social and personal factors. Percieved stigma related to the extent of limit on social activities.	Vitiligo society, responders mainly women
Kent 1996	Case series	3	668 UK Vitiligo Society	DLQI	N/R	<0.001	N/R	DLQI	Mean DLQI 4.82	Adults only
Whitton 2006	Systematic review	1++	N/R	Interventions for vitiligo	N/R	N/R	N/R	RCT		The report looks at all other interventions apart from QoL and psychological interventions. Well conducted

#### Psych 1

Thompson 2002	Qualitative interview	3	7 in total						Coping mechanism increase with time. Cognitive rather than avoidance/concealment may help coping over time.	
Papadopoulos 1 1999	RCT	1-	8	photographs(blind assessment) DLQI. RSES.SIBID.BIATQ. Between and within participants.	0.5	0.001	5 months	DLQI etc	CBT treatment. Sustained improvement in QOL, self esteem, body image. Very small numbers. Not blind. CBT + practical strategies. DLQI 15 at baseline(volunteers via Vitiligo Society Newsletter)	Small. Not blind. Not purely CBT
Papadopoulos 2 1999	Systematic review	1++	N/R	Relationship between psychology and cutaneous disease	N/R	N/R	N/R	RCT,CCT,Case studies, Cross-sectional studies, Explanatory analysis,descriptive surveys, retrospective quality analysis	Vitiligo patients show better adjustment than psoriasis patients	Comparable studies? Large number of conditions
Papadopoulos 3 2004	RCT	2+	15	GHQ, DLQI	0.5	not significant			no significant difference between interventions	Group CBT used