



Hand eczema should psychological factors be considered in etiology or treatment?

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Methods. In a cross – sectional study 101 hand eczema patients (f=49/m=52) with psoriasis (PSO)(n=26), dyshidrosis (DYS)(n=33) or contact dermatitis (CD)(n=42) were examined in regard to dermatological (diagnosis, severity, Erlanger Atopy-Score-EAS4), allergological (PT) and psychological aspects (Coping with Chronic Skin Diseases questionnaire (CSD)⁵, Allover Depression Scale (ADS)⁵, Social Readjustment Rating Scale (SRRS)⁷, Visual Analog Scales (VAS) concerning itching, scratching and impediment. For the study, patients were divided into subgroups of High Stress-Responders (HIGH-SR) and Low Stress-Responders (LOW-SR) and according to positive or negative PT results (Group A-D, Fig. 1).

Responders (HIGH-SR) and Low Stress-Responders (LOW-SR) and according to positive or negative PT results (Group A-D, Fig. 1).

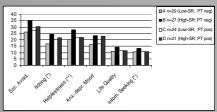
Sluds area data and statistics and the present study was performed in the altergological outpatient cline of the Dermatological Department in the Justics-Lebig-University/ Gieffer. The 120 consecutive patients with Hi Group symptoms were limited mostly to the hands) granted informed convent to participation in the study were given the test inventories and were requested to return these at the latest at the time of the second reading of the PT (after 72h). 115 patients returned evaluable questionmairies, so the return rate was more than 96%. Initially, patients were enrolled in this study who could be assigned to one of 4 diagnosis groups.

1-Alopic Dermatitis (AD) 2-P50. 3-CD or 4 DYS.

Patients: The patient collective comprised 54 men (47%, m) and 61 women (53%, w) with a mean age of 36.75 years (y) (18-75 y. Standard deviation (SD) 13.01). After assignment to the 4 diagnosis groups, the following distribution with the state of t

Significant differences in the comparison of the High Stress-Responders HIGH-SR (47.52%; n=48) and Low Stress-Responders LOW-SR (52.48%; n=53) n=101 (without the AD group)

	HIGH-SR n=48 mean (sd)	LOW-SR n=53 mean (sd)	р
Age (y)	33.63 (11.36)	41.34 (13.82)	**
Initial manifestation (y)	26.85 (10.67)	34.68 (12.77)	***
Atopy-Score	11.63 (5.88)	9.39 (5.39)	**
Pruritus	5.40 (2.20)	3.98 (2.64)	**
Scratching	4.85 (2.14)	3.60 (2.60)	**



Means. (*) p = 0.05; (**) p = 0.01; (***) p = 0.001 (Two-Factorial Variance Analysis)