



PSORIASIS

## **SIGNIFICANCE OF PASE SCORE IN PSORIASIS: A CROSS-SECTIONAL STUDY IN A TERTIARY CARE HOSPITAL.**

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**Background:** Psoriatic arthritis is a chronic systemic inflammatory condition characterized arthritis associated with psoriasis of the skin and nails with negative rheumatoid factor and absence of rheumatoid nodules. Early diagnosis will help prevent unhelpful examinations and therapies and help in treating the patient in early stages of the disease. When disease-modifying anti rheumatic drug (DMARD) and anti-tumour necrosis factor- $\alpha$  (TNF-  $\alpha$ ) blocking agents are started early it can prevent joint damage progression and thus reduce functional disability.

**Objective:** The objective was to compare the PASE (Psoriatic Arthritis Screening and Evaluation score) with the PASI (Psoriatic area severity index) score, NAPS (Nail psoriasis severity index) score, duration of disease and treatment.

**Materials and Methods:** 111 patients (56 women and 55 men, age distribution from 20 to 77) coming to Dermatology OPD and clinically diagnosed as psoriasis were taken for the study after taking a written informed consent.

The clinical details of the patient were noted down and PASE, PASI and NAPS scores were calculated.

PASE score was compared with the other scores as well as the clinical examination findings of the patient as well as the treatment medication and duration.

The data was entered in SPSS 16 and was analyzed using t test.

**Results:** There was significant co-relation between the PASE score and the duration of disease and treatment.

There was no significant co-relation between the PASE score with the PASI and NAPS score.

There was mild co-relation between the PASI and the NAPS scores.

**Conclusions:** There is a significant positive relation with the duration of the disease and the severity of the arthritis.

There is no relation with the severity of skin or nail lesions in psoriasis with the severity of arthritis.

