



PSORIASIS

IMPACT OF CHRONIC SKIN DISEASES ON MALE SEXUAL FUNCTION IN UPPER EGYPT

Hatem Kamal Abdel Hafez Abdel Hafez⁽¹⁾ - Amira Ali Abdel Motaleb Abdel Motaleb⁽¹⁾ - Hisham Diab Gaber Gaber⁽¹⁾

Assiut University Hospital, Department Of Dermatology, Venereology And Andrology, Assiut, Egypt⁽¹⁾

Background: Decrease or loss of sexual function in many chronic diseases has recently attracted significant attention owing to its impact on quality of life. There are many studies discussing erectile dysfunction in relation to other specialities of medicine, but there are only few studies in dermatological diseases.

Objective: The aim of this study was to investigate sexual function in males with chronic dermatologic diseases in Upper Egypt.

Material and Methods: A total of 100 male patients with chronic dermatological problems (psoriasis or vitiligo) and 100 healthy volunteers as age-matched control group were enrolled in the study. The validated Arabic version of the abbreviated form of International Index of Erectile Function (IIEF) was used to assess male sexual function.

Results: This study included 100 patients (70 with vitiligo and 30 with psoriasis), their age ranged from 23 to 50 years with mean \pm SD 41.21 ± 6.31 and 100 healthy control their age ranged from 20 to 50 years with mean \pm SD 38.11 ± 8.57 . Duration of the disease ranged from 6 months to 30 years with mean \pm SD 9.71 ± 7.88 . Percentage of involvement ranged from 0.2% -70% with mean \pm SD 12.27 ± 1.25 .

Among the patients, 61% proved to have erectile dysfunction (60% among patients with vitiligo =42 patients and 63.3% among patients with psoriasis =19 patients). By comparing the IIEF, there was highly significant decrease among patients (61%) versus control (22%) ($p<0.0001$). However, there was no statistical significant difference between duration of the disease or extent of skin involvement and erectile function.

Conclusions: Sexual function is affected in males with chronic dermatological diseases. These patients need for physicians to implement attention on the impact of their diseases on sexual health in order to provide a better quality of life.

