

## AB046. The influence of female psychological factors on the therapeutic effect of erectile dysfunction in men

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**Background:** To explore the effect of female psychological factors on the treatment effect of male erectile dysfunction (ED).

**Methods:** ED is one of the common social diseases that seriously affect family harmony and the relationship between husband and wife. ED is closely related to psychological factors, and all patients with ED are affected by different degrees of psychological factors. Meanwhile, their partner/spouse's sexual experience is also seriously interfered by ED. The attitude of their partner/spouse towards ED also directly or indirectly interferes with the patient's behavior of seeking and insisting on treatment of ED to a certain extent and affects the patient's psychological condition. From January 2017 to March 2018, 123 ED patients were admitted to our department, with an average age of  $31.47 \pm 8.61$  years old. The erectile function index (IIEF-5), social support scale (SSRS) and self-assessment anxiety and depression scale (SAS, ADS) were used to

evaluate the ED degree, social support and psychological status. Their partners/spouses were also assessed by SAS, SDS and female sexual function index questionnaire. According to the evaluation results, psychological intervention and clinical knowledge guidance were carried out for the partner/spouse of ED patients, and indirect treatment was carried out for the patients by changing the partner's views on ED. After treatment, psychological status and social support of ED patients were re-evaluated.

**Results:** Some ED patients and their spouses have anxiety psychology, and they generally feel low social support. After the intervention, the SAS and SDS scores of the patients and their families were higher than those of the previous ones, and the psychological status was improved ( $P < 0.05$ ). Compared with  $P < 0.05$  before and after intervention, patients' SSRS score increased social support and confidence in disease.

**Conclusions:** Through targeted psychological intervention and clinical knowledge guidance for patients' partners/spouses, the psychological status and social support of ED patients can be effectively improved and their rehabilitation can be promoted.

**Keywords:** Erectile dysfunction (ED); psychological intervention

doi: 10.21037/tau.2018.AB046

**Cite this abstract as:** Jin Z, Zhang X. The influence of female psychological factors on the therapeutic effect of erectile dysfunction in men. *Transl Androl Urol* 2018;7(Suppl 5):AB046. doi: 10.21037/tau.2018.AB046