

Erectile Dysfunction in Hemodialysis Patients in Fayoum (Egypt)

Mohamed Mashahita^{*}, Talal Abdel Raheem^b, Tarek El Amawy^c, Ayman El Kady^d, Khaled Mohy Elden^e *a*Department of Internal medicine, Faculty of medicine , Fayoum University *b*Department of Dermatology and Andrology Faculty of medicine Fayoum University *c*Department of Dermatology and Andrology Faculty of medicine Menia university *d*Department of Dermatology and Andrology , Fayoum general hospital Ministry Of Heal *e*Department of uro-surgery Faculty of medicine Fayoum University

Abstract

Erectile dysfunction (ED) is a considerable problem in hemodialysis (HD) patients. Many organic and psychological factors has been reported to take part in the pathophysiology of this condition. The aim of this study is to determine the prevalence of sexual dysfunction among HD patients. This study included 147 male patients on HD therapy . We explained to them each of the questions and asked them to complete an Arabic version of the IIEF questionnaire used to determine the sexual problems and the prevalence of erectile dysfunction in males under HD therapy. The result shows that the mean age of HD patients was 54.73 ± 14.08 years (35–68), and the duration of HD was 16.03 ± 15.66 months. By means of the IIEF, the prevalence of erectile dysfunction (ED) was 86.6%. The prevalence and the severity of ED showed significant increase as the age increased ($p < 0.05$). also diabetes , ischemic heart disease and smoking were associated with increased prevalence and severity of ED. In conclusion we can say that Erectile dysfunction is highly prevalent in HD patients. The prevalence and the severity of ED in ..this study increase with age. D.M IHD as well as smoking

Keywords: Erectile dysfunction; Hemodialysis; IIEF; CRF; Questionnaire.