

Psychosocial aspects of end stage renal disease : Cognitive and emotional changes in pre renal and post renal transplants recipients

El-Tawil, M. Aly, H.

Current Psychiatry. Ain Shams University (Print)

2006 v13 n3

The aim of this study was to evaluate the changes in cognitive profile and depression in renal transplant recipients. Thirty consecutive patients undergoing renal transplantation were evaluated at one month before and three months after successful renal transplant with Beck depression inventory (BDI), Luria Nebraska neuropsychological battery (LNNB), Wechsler performance intelligence scale (WAPIS) and life satisfaction scale. The study revealed 86.6% prevalence of depression in ESRD patients as compared to 56.6% in post renal transplant patients. Analysis of neurocognitive functions on LNNB did not reveal any significant improvement. Furthermore, analysis of life satisfaction scale revealed that most of the patients showed high satisfaction levels, despite the stress of their disease. The results on WAPIS showed a significant improvement in intelligent quotient (IQ) after renal transplantation.