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## Psychometric analysis in renal calculi patients: single centered observational study

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### ABSTRACT

The study done was prospective, observational and single-centred carried out at the in-patient department of Urology of a tertiary care teaching hospital in Jaipur, Rajasthan during the period of Jan-Feb, 2021. The study was carried out to assess the level of anxiety and depression in the patients having renal calculi. The mean percentage of the entire patient population having anxiety and depression was found to be 92.50% and 77.5%. Out of this 16.25% were having borderline anxiety and 76.23% were having abnormal anxiety. 7.5% population was affected by borderline depression and 70% were having abnormal depression. The findings of our study concluded that anxiety and depression are associated with patients with renal calculi during a very huge percentage. Anxiety was found in about 91.25 % population and depression was depicted in 77.5% population. The hypothesis regarding anxiety and depression within the patients having renal calculi was hence confirmed for further counseling.

**Keywords:** Hospital Anxiety and Depression Scale (HADS), renal calculi, anxiety, depression, psychometric evaluation

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