



HEB

**Journal of Hospital Pharmacy**  
An Official Publication of Bureau for Health & Education Status Upliftment  
(Constitutionally Entitled As Health-Education, Bureau)

JOHP

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

Dr. Palak Agarwal, Clinical Pharmacologist RGH

Dr. Jitender, CTA CRNI

Abhijit Sasmal, Mpharm Pharmacology

Dr (col) Soumen Basu, Group medical director and Strategic head

Sr Rimi Chakraborty, Vice Principal Novodeep School and College of Nursing

Dr Arpan Dutta Roy, Chief of Pharmacology and Research

Bishwanath Das, Clinical Pharmacist

Email Id: [serviceheb@gmail.com](mailto:serviceheb@gmail.com)

### 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

### *Access this Article Online*

Website: <http://www.journalofhospitalpharmacy.in> Quick Response Code:

Received on 18/01/2022  
Accepted on 30/01/2022 © HEB All rights reserved

