



## To analyze various changes in the electrolytes parameters in patients with chronic kidney disease (CKD) and to correlate it with the stages of the chronic kidney disease - A study from TERTIARY CARE HOSPITAL, OF DELHI NCR

**Punit Gupta**

*Sharda Superspecialty Hospital , India*

### Abstract:

Kidney diseases and dysfunction (chronic kidney disease, CKD) compromise the regulatory functions, resulting in alterations in electrolyte and acid-base balances that can be life-threatening. We discuss the renal regulation of electrolyte and several common disorders incorporating the most relevant advances in the field. **Material & Methods:** Renal diseases are associated with a variety of electrolytes changes,. A 55 patients with Chronic Kidney Disease admitted in Dept of Nephrology and organ transplantation , Sharda superspecialty hospital were studied. All patients were subjected to all routine investigations including Complete Blood Count ,Blood Sugar, RFT & electrolytes and other relevant tests

### Conclusions

- Serum electrolytes abnormalities increases with increasing stages of CKD.
- Male patients of ckd have more Serum electrolytes abnormalities as compare to female patients with ckd.
- 21.8% patients had Calcium phosphorus product more than 55..
- Hyperkalemia and hyponatremia were common electrolytes abnormalities in our study
- Hyperphosphatemia and hypocalcemia electrolytes abnormality observed in our study.

### Biography:

Professor Dr. Punit Gupta is MBBS, MD (Medicine), DM (Nephrology) and PhD. He is the Honorary Nephrologists to the Governor of Chhattisgarh State since 2009. He is Chairman



and Members of many important academic and management committees of various Government Medical Institutions in the country and the Pt. Deen Dayal Upadhyay Health Sciences University, Raipur. He has guided over 100 Postgraduate & Technologist student for their thesis & Project in Nephrology & Research and also served as an examiner for the university examinations. A man of researches and publication, he has presented more than 160 research papers and abstracts on Kidney Diseases in Tribal populations at Renowned National and International Conferences. He was felicitated for being the only research scholar who had presented 29 abstracts in Indian Society of Nephrology conference, Pune and 11 research papers at Asia Pacific congress of Nephrology, 2008 in Malaysia on tribal kidney diseases. His Oral Paper was awarded first prize in ISN-CON 2007, New Delhi. He was awarded internationally prestigious APCN Developmental awards in Malaysia 2008.

8th International Conference on Nephrology and Urology; April 24-25, 2020; Prague, Czech Republic

**Citation:** Punit Gupta; To analyze various changes in the electrolytes parameters in patients with chronic kidney disease (CKD) and to correlate it with the stages of the chronic kidney disease - A study from TERTIARY CARE HOSPITAL, OF DELHI NCR; Nephrology 2020; April 24-25, 2020; Prague, Czech Republic