

PROCEEDINGS OF THE 5TH WFOT MEETING; 2016 NOV 18-20; MUMBAI, INDIA

## Chronic kidney disease-CKD

Vipul J. Kakkad

BAMS, Private Practice. India.

### ABSTRACT

#### OPEN ACCESS

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##### Author Information

drvipulkakkad@yahoo.com

Total Number of CKD patients treated with OZONE THERAPY (rectal or IV saline): 40 (Most of them are under the treatment of Nephrologists).

##### Two categories:

- Serum Creatine <3 (Stage 1-2-3) No. of pts. 23
- Serum Creatine > 3 till 14 (Stage 4-5) No. of pts.17

##### 1) Improvement observed for Stage 1-2-3 that is 1st category:

On the basis of Clinical evaluation & Pathological criteria, 100% pts. improvement, with stable patho & physiological criteria, for more than 18 months.

##### 2) Improvement observed for Stage 4-5 that is 2nd category:

- On the basis of Clinical evaluation & Pathological criteria, 80% pts. Improved - Clinically & Pathologically. (Stable for > 3 months).
- No improvement was observed in 20% of pts.

60% patients have shown Clinical & Pathological improvement & maintained for 6-12months.

80% patients have shown Clinical & Pathological improvement & maintained for 3-6 months.

Clinical improvement as follows:

- Anorexia decreased, ,
- Sense of well-being improved,
- Energy level increased,
- Edema decreased,
- No changes in weight except +/- 1kg.

Pathological improvement:

- Hb improved
- Serum Creatinine & Serum BUN reduction
- Proteinuria decreased

Ozone rectal insufflation are found to be more effective then IV ozone saline.

### CONCLUSION

Patients who received rectal ozone continuously for more than 10 procedures are better improved and could maintain the improvement.