

## Study of incidence & clinical profile of chronic kidney disease of unknown etiology (ckdu) in a tertiary referral center

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### Abstract

**Background:** Chronic kidney disease (CKD) is a worldwide health problem. CKD is a progressive condition and ultimately end up with kidney failure. It is distinct by its clinic pathologic characteristics and has multifactorial etiology, being mostly linked to several environmental toxins. In India too, there have been reports of the disease in several pockets. The present study was undertaken to ascertain the prevalence of CKDu, disease characteristics, and risk factor profile in central Indian state of Maharashtra.

**Aims & Objectives:** To find out incidence of chronic kidney disease of unknown etiology & study clinical profile of chronic kidney disease of unknown etiology.

**Methods:** We selected 248 subjects (age >18 years) using multistage sampling. After obtaining demographic data, prevalence & risk factors of CKDu were measured in all subjects.

**Results :** Mean age of subject was  $37.8 \pm 12.6$  years (range: 18-60), 74% were men and 26% were women. Out of 248 patients with chronic kidney disease, 38 (18.09%) patients were patients of chronic kidney disease with unknown etiology. 74% patients had rural background and 26% presented from urban background. Dehydration was found to be a risk factor in 5% of CKDu patients.

**Conclusion:** In this study, we report 18.10% prevalence of CKDu in the Marathwada region of Maharashtra of India which is much higher than other earlier studies in either rural or urban communities in India.

### Biography:

Dr. Vajed Rahim Mogal is a Nephrologist/Renal Specialist in Kranti Chowk, Aurangabad and has an experience of 5 years in this field. Dr. Vajed Rahim Mogal practices at Brain Multispecialty Hospital in Kranti Chowk, Aurangabad. He completed DM - Nephrology from DY Patil University in 2019, MBBS from Bharti VidhyaPith Pune in 2012 and MD - General Medicine from Mahatma Gandhi Institute of Medical Sciences, Sewagram (MGIMS) in 2015.

### Speaker Publications:

1. "Peripartum Cardiomyopathy : A Rare Case Report And A Brief Review of Literature"
2. "Non Atrial Fibrillation related Central Retinal Artery Occlusion (CRAO) in Hyperthyroidism: A Case Report"
3. "Idiopathic Intracranial hypertension: A case report and a brief review of literature"

[5th World Kidney Congress](#); Webinar - June 22-23, 2020.

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