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**Original article:**

**Study of assessment of cataract awareness in rural population in India**

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**Abstract:**

**Introduction:** Cataracts develop slowly to cause loss of vision, and can render the person completely blind if it is left untreated.1 Cataracts usually affect both eyes, but they will generally develop in one eye before the other. Cataract is more common with increasing age. Other less common causes of cataract are injury, other eye diseases (uveitis) and diabetes, and it sometimes occurs in children6.

**Methodology:** The study was conducted in District hospital, Mookambika Modi Eye hospital, Akashara Eye Foundation of Tumkur, Karnataka. This setting was chosen on the basis of investigator's feasibility, in terms of availability and accessibility of Clients.According to Polit and Hungler, sample is subset of a population that is selected to participate in the research study. It is a portion of population which represents the entire population. In this study, sample consists of 50 clients attending the eye department of selected hospitals of Tumkur.

**Results:** It is observed from the present study that the mean as well as the standard deviation of the knowledge on awareness of cataract during the pretest is 7.96 and 2.18 and during the posttest it is 17.42 and 1.94. The t-value is 44.162. The P-value is <0.001 which shows that it is statistically highly significant.

**Conclusion:** The study shows that the clients are having inadequate awareness (27.26%) on cataract.