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**Original article:**

**Study of outcomes of endonasal dacryocystorhinostomy in relation with age distribution in Indian population**

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**Abstract:**

**Introduction:** The traditional surgical approach to distal obstruction of the nasolacrimal duct system has been by an external skin incision. Introduction of nasal endoscope has now been able to provide an alternative approach to the treatment of epiphora where the cause is an obstruction distal to the common canaliculus. With this background present work was planned to study outcomes of endonasal dacryocystorhinostomy in relation with age distribution in Indian population .

**Material and methods:** It was prospective studyconducted in Department of Otorhinolaryngology, Dr. D. Y. Patil Medical College and Hospital Pimpri, Pune from July 2011 to September 2013.Patients attending Otorhinolaryngology and Ophthalmology OPD of Dr. D. Y. Patil Hospital, Pimpri, Pune. This study includes 50 patients fulfilling criterias of inclusion. Those who consented for surgery were then listed for an endonasal DCR.

**Results:** Most of the patients were in 31-40 years age group. The youngest being 8 years and the oldest was 60 years old and the mean age was 33.18 years.20 (40%) cases belonged to the age group of 31-40 years.

**Conclusions**: From present study we may conclude that maximum number of cases belonged to the age group of 31-40 years.

**Keywords:** nasolacrimal duct system