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Traumatic hyphema frequency and management evaluation: A retrospective study

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Traumatic hyphema is important as it is common following blunt trauma and is increasing nowadays. Most results from unnecessary eye injuries, especially in children, which are largely preventable. The aim of the study is to evaluate the final unaided visual acuity and the intraocular pressure level on discharge of blunt traumatic hyphema management, and to compare between grade 1 hyphema (low risk, hyphema filling less than half of the anterior chamber) and grade 2 hyphema (high risk, hyphema filling more than half of the anterior chamber) or hyphema associated with a high intraocular pressure regarding the final visual outcome on discharge. Statistical analysis for frequencies was done using the (Epi Info) program which is public domain statistical software for epidemiology developed by Centers of Disease Control and Prevention (CDC) in Atlanta, Georgia (USA). Other results were analyzed using statistical package for social science (SPSS) software (version 13). The design of the study was a retrospective (descriptive) survey of all blunt traumatic hyphema patients admitted in Shaheed Doctor

Aso Eye Hospital in Sulaimaniya City, Kurdistan Region of Iraq during the period of January 1, 2008 to December 31, 2008. During the period of the study the medical records of 54 patients, who were admitted due to blunt traumatic hyphema, were retrieved and studied thoroughly regarding their examination notes (unaided visual acuity, level of intraocular pressure and slit-lamp examination) and management was done (medical and surgical) through their admission days in hospital.

Speaker Biography

Ali A Taqi has completed his graduation from Baghdad University Medical College in 1990, completed his Diploma in Ophthalmology in the year 1998 and his Arab Board Fellowship in the year 2002. He works as an Ophthalmologist since 1998, Senior Ophthalmologist and a Medical School Teacher since 2005. In the year 2008, he prepared the SHO education guidelines in Ophthalmology and he did his Post-graduate high diploma/Master study in the year 2007. He has supervised many of the researches in his field and had different subject's lectures and many seminars.

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