Prevalence Of Postoperative Pain In Eye Surgery Following General Anaesthesia Based On Type Of Eye Surgery

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ABSTRACT

Introduction
Pain following eye surgery is one of the leading causes for postoperative discomfort. The level of pain is influenced by several aspects, such as age, duration and type of surgery. In general, eye surgery is divided into two, intraocular and extraocular procedures both induce different levels of pain. Therefore, we studied the prevalence of postoperative pain following general anaesthesia based on type of eye surgery.

Method
This study is an observational descriptive research using patient's interview as primary data. A total of 51 patients who had general anaesthesia from September – November 2015 were included in the study. Pain was evaluated by Visual Analogue Scale (VAS) using numeric scale score from 1-10, taken in the period of 8, 16 and 24 hours following eye surgery.

Results
82.3% patients complained of pain following eye surgery. 64.7% patients and 17.6% patients following intraocular and extraocular surgery, respectively, had pain. In most of the patients, the pain score was ranging between 1-3 score (Mild). 76.5% patients had pain during the first 8 hours following surgery and it gradually decreased with time.
Conclusion
Mild pain was perceived by patients following intraocular surgery mostly in early postoperative period and it gradually decreased with time.

Keywords: pain, eye surgery, general anesthesia

References


