

Sore Throat and Hoarseness after General Anesthesia with 2% Hydrocortisone in Glycerin.

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Double-blind prospective study of the incidence of sore throat and hoarseness after general endotracheal anesthesia was done in 204 patients in ASA physical status class I and II. The oroendotracheal tube intubation was performed by student nurse anaesthetists obtaining more than three months experience. The polyvinyl chloride endotracheal tube was lubricated either by 2% hydrocortisone in glycerin or KY jelly.

The result indicated that , 24 hours after intubation, the incidence of sore throat and hoarseness were 17.6% and 5.9% in the group of 2% hydrocortisone in glycerin compared to 14.7% and 8.8% in KY jelly were 3.9% and 0.9% while 1.9% of the patients in 2% hydrocortisone in glycerin had only sore throat, not any symptom of hoarseness.

The result of the study shows that there is no statistically significant difference ( $p>0.005$ ) in using both lubricants for oroendotracheal intubation.

Key words : Intubation, tracheal : complication