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Service (sector) Glaucoma N° CEP 0461/04

Evaluation of the use of eye drops in patients with glaucoma

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Purpose: To identify the most important variables interfering with the correct topical administration of antiglaucomatous drugs.

Materials and Methods: Forty glaucomatous patients under clinical treatment were interviewed and observed while applying antiglaucomatous drugs. The following variables were analyzed: sex; age; income; washing of the hands; number of drops; motor abnormalities; availability of another person to apply the drug; place of the globe reached; bottle-eye contact; previous instruction; positioning for application; development of a burning sensation, pain or irritation. Using the survey and the observations, the variables were correlated with the quality of instillation.

Results: Among all variables, only the availability of another person to apply the drug and the existence of a burning sensation, pain or eye irritation showed statistically important correlation to proper instillation.