

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
PIBIC Last Name - Moreira First Name - Luciane Middle - B.

Service (sector) Cornea and External Disease N° CEP

Prevalence of Patient Perception of Dry Eye Symptoms using Ocular Surface Disease Index (OSDI)

Luciane B. Moreira; André Rein; Cristina Yabumoto; Patrícia Pissetti; Ricardo Bernardes Filho; Rubens Belfort Jr.

Purpose: To compare the prevalence of patient perception of dry eye symptoms in general hospital and ophthalmologic service. **Methods:** Every patient with age between 50 and 80 years old and no history of dry eye from general hospital of Clinic Hospital of Curitiba and from ophthalmic service of Clinic Hospital of Curitiba completed the Ocular Surface Disease Index (OSDI). Utility scores were scaled such that a score of 100 = perfect health and 0 = severity. It was divided in 4 groups: normal (0 – 19), eye irritation (20 – 39), mild symptoms (40 – 59), moderate (60 – 79), and severe (more than 80). **Results:** 50 patients from general hospital and 58 from ophthalmic service were analyzed. 42.6% was female and the mean age was 63.51 years old. Analyzing the questionnaire, we found 24 (48%) normal patients in general hospital and 14 (24.1%) patients in the ophthalmic service; irritated eye in 17 (34%) of general patients and 14 (24.1%) of ophthalmic patients; mild symptoms in 7 (14%) of general patients and 17 (29.3%) of ophthalmic patients; moderate symptoms in 2 (4%) of general patients and 10 (17.3%) of ophthalmic patients and severe symptoms in 3 (5.2%) of ophthalmic patients. **Conclusion:** The OSDI score were higher in the patients from ophthalmic service when compared with patients that come to the hospital with disease other than ophthalmic.