

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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AGUIAR

Service (sector) Neuro-Ophthalmology - Trauma N° CEP

OCULAR TRAUMA EPIDEMIOLOGY

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Purpose: To develop a database system that permits the registration of eye injuries, and to further promote descriptive epidemiology data, facilitating both analytical epidemiology research and development of preventive strategies. Methods: In recognition of the lack of national eye injury epidemiologic data, a database software was created in order to collect and register all information concerning ocular trauma attended at the Ophthalmology Emergency Room of the Federal University of São Paulo, Paulista School of Medicine, São Paulo Hospital. Data collection will request demographic characteristics, details about the injury (date, time, place, mechanism, agent, use or not of protective eye wear in case of injuries occurring at work, etc.), history of prior eye injury, detailed clinical eye evaluation, treatment proposed, final outcome and rehabilitation status. All data will be included according to the "Birmingham Eye Trauma Terminology", which is a standardized terminology system of eye trauma terms that avoids ambiguous languages. Conclusions: Such database is the first computadorized ocular trauma registration system developed in Brazil and will allow epidemiologic investigations and research regarding eye injuries, as emerging patterns of trauma, treatment outcomes, and preventive strategies. It will also be able to disseminate information regarding eye injury prevention and management to both the public and professional community.