

R1  R2  R3  PG0  PG1  Estagiário  Tecnólogo  PIBIC

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### **Characteristics of patients submitted to corneal transplant at UNIFESP/HSP from 2004 to 2006.**

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Purpose: To evaluate the characteristics of patients submitted to corneal transplant at UNIFESP/HSP from 2004 to 2006.

Methods: Information about patients submitted to corneal transplant at UNIFESP/HSP from January/2004 to December/2006 were retrospectively collected in this study. Data such as gender, age, ethnicity, indication for surgery, and waiting time until surgery were obtained from the Sao Paulo Transplant Center database and from medical records.

Results: Six hundred and six patients were submitted to corneal transplant during the study period (2004-2006). There were 311 (51,3%) males and 295 (48,6%) females and the median age was 41 years (range: 7 months to 92 years). Regarding ethnicity, 365 (60,2%) were white, 169 (27,9%) were brown, 60 (9,9%) were black and 12 (1,9%) were yellow. The most frequent indications for corneal transplant were keratoconus (205 cases (33,8%)), other (83 cases (13,7%)) and bullous keratopathy (68 (11,2%)). The median waiting time for surgery was 7,4 months (range: 0 to 49,0 months).

Conclusion: Keratokonosis was the main indication for corneal transplant at UNIFESP/HSP. The proportion of males and females was similar, representing an economically active stratum of the population with median age of 41 years and 60% of whites. The median waiting time for a surgery in this study was 7,4 months. We observed that indications for cases that needed prioritization such as traumas and child leukomas presented the lowest waiting times and the longest time was for bullous keratopathy.