

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Retina and Vitreous N° CEP

THE ROLE OF OPHTHALMOLOGICAL CARE IN A NEONATAL UNIT

. **PURPOSE:** To evaluate the need of an ophthalmologist in a neonatal unit care, analysing the incidence of congenital ocular diseases.

MATERIAL AND METHODS: A retrospective analysis of attended newborns in Hospital Santa Joana from 1.990 to 2.000. Age, birth weight and diagnosis of ocular diseases were collected.

RESULTS: Six thousand children were examined during 10 years. Seventy-two newborns were submitted to ROP treatment. The survival rate of preterms <1.500g was 69% in 1.990 and 95% in 2.000; and in preterms <1.000g it was 30% in 1.990 and 78% in 2.000. In 10 years, 3 cases of congenital cataract were detected and only 1 case of congenital glaucoma was diagnosed. Thirty-eight cases of congenital infections were registered, toxoplasmosis being the most prevalent; followed by rubeola, lues and AIDS. Six cases of nasolacrimal duct obstruction and 42 cases of birth trauma were detected.

CONCLUSION: Considering the frequency and the morbidity of congenital ocular diseases identified in this study , we conclude that the presence of an ophthalmologist in a neonatal unit care is necessary to the early diagnosis and adequate treatment of ophthalmic infirmities.