( ) R1 ( ) R2 ( ) R3 (X) PG0 ( ) PG1 ( ) Estagiário ( ) Tecnólogo ( ) PIBIC Last Name - Zajdenweber First Name - Moysés Middle - Eduardo

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The best treatment of acute retinal necrosis- a systematic review (first steps)

Zajdenweber M.E., Muccioli C. Department of Ophthalmology, Federal University of São Paulo, Brazil. Evidence- based medicine is a relative new methodology involving the search for good quality scientific information. Part of this methodology is the systematic review, which we can define as a critical synthesis of relevant studies about clinical questions. Purpose: to compare, in a systematic and critical way, clinical studies about the treatment of acute retinal necrosis and try to determine the best one. Methods: systematic review according to the editorial rules of the Cochrane Collaboration. Results: As a systematic methodology, in the review there are certain specified steps to be followed: register a title in a editorial group, prepare a protocol, search for trials, prepare the review, submit the review to publication and keep the review up to date. This review is just begining, and we are developing the protocol. Until now we have searched 4 different baselines using the key words acute retinal necrosis, herpetic retinitis, herpes retinitis, acute retinitis, viral retinitis, necrotizing retinitis, herpes, Vitrectomy, silicone oil, acyclovir and clinical trial. From the search, we recovered 99 abstracts, we found case reports, case series, retrospective studies, prospective studies and clinical trials for herpetic uveitis, but we found no randomized clinical trials for the treatment of ARN.. Conclusion: Although the study is incomplete,, an initial conclusion is that just a few published papers about ARN are available , and considering the high morbidity of the disease, it is recommended that new clinical trials take place.