

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Ocular Plastic Surgery N° CEP

POROUS POLYETHYLENE AS SPACER GRAFT IN TREATMENT OF LOWER EYELIDS RETRACTION.

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PURPOSE: To estimate tolerance, biocompatibility, stability and efficacy of porous polyethylene (PoliporeR , Homus Biotechnology, Solótica, Brasil) as spacer graft in lower eyelids retractions.

METHODS: Using the spacer in a plate shape, we sutured it between the inferior border of the tarsal plate and lower eyelid retractors muscles in 7 eyelids of 7 patients (3 cicatricial retraction;3 paralytic and 1 due to proptosis)

RESULTS: The patients were inspected for 2 months and no complications were seen using this material until then. We obtained also good functional and esthetic results.

CONCLUSIONS: The porous polyethylene spacer seems to be an excellent surgical alternative in lower eyelid retractions, however further studies ought to be done in order to prove its efficacy.