

Zapalenie wnętrza gałki ocznej po operacji usunięcia zaćmy – czy problem jest wciąż aktualny?

Endophthalmitis Following Cataract Surgery – Is the Problem Still Present?

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Abstract:

Purpose: The aim of this study is to present a group of patients who were diagnosed and treated for postoperative endophthalmitis following cataract surgery.
Materials and methods: The study included four patients two women and two men aged 53 to 89 who underwent cataract surgery two days previous. Acute postoperative endophthalmitis was diagnosed in these patients and vitrectomy was performed immediately upon admission to the clinic.

Results: In the first few days after vitrectomy the patients reported a reduction in eye pain and photophobia. Methicillin-resistant, coagulase-negative *Staphylococcus epidermidis* was isolated from intraoperatively collected material. Following the treatment five months after the initial surgery the patients showed an improvement in visual acuity from hand movement in front of the eye, finger counting from 0.5 meters to a range of 0.1 to 0.7 on the Snellen scale.

Discussion: In the analyzed group of patients with postoperative endophthalmitis the most common pathogen responsible for the development of this inflammation as described in the literature was isolated. The use of surgical treatment, full and early vitrectomy, yielded positive results that included the remission of subjective symptoms, improvement of the local condition and visual improvement.

Conclusions: Postoperative endophthalmitis is still a significant complication of cataract surgery within our practice. The use of an appropriate therapeutic procedure in our opinion – the vitrectomy can lead to very good postoperative outcomes.

Key words:

Słowa kluczowe:

cataract surgery, endophthalmitis, intravitreal injection, pars plana vitrectomy.

operacja usunięcia zaćmy, zapalenie wnętrza gałki ocznej, iniekcja doszkliskowa, witrektomia.