

Abstract 442

PEDIATRIC RETINAL DETACHMENT MANAGEMENT OPTIONS(OUR RESULTS IN 150 CASES)

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Introduction:

to describe the surgical techniques (suturless scleral belt loops,perfluorocarbon assisted PVD) 23g PPV for a successful surgical outcome in chronic rhegmatogenous pediatric retinal detachment and syndromatic retinal detachment with proliferation vitreoretinopathy.

Materials and methods:

cases underwent 23g PPV with 30 cases without buckle without PFC and 25 cases with sutured buckles without PFC and 95 cases with suturless buckle and PFC assisted PVD.Tamponade used in the first 2 groups was silicon oil in the third group 40 cases gas sf6 was used.

Results:

95% had final reattachment with 35%with more than 2 surgeries in 1st group and 20 % in the second group and 2% in the 3rd group

Conclusions:

23g PPV with buckle and PFC assisted PVD had higher success rate with better anatomical results and less postoperative complications.