

Pneumatic retinopexy for uncomplicated rhegmatogenous retinal detachment with superior retinal breaks

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Advantages:

To manage uncomplicated rhegmatogenous retinal detachment secondary to superior breaks with pneumatic retinopexy, a simple and cost-effective outpatient treatment.

Methods:

Patients with uncomplicated rhegmatogenous retinal detachment with superior breaks, including tears and holes, were treated with pneumatic retinopexy. In all cases, retinopexy (Argon laser or transconjunctival cryopexy, or both) was applied to retinal breaks and was associated with intravitreal injection of sulfur hexafluoride (SF₆).

Effectiveness / Safety:

All patients (N=87) were operated under local anesthesia. The duration of the procedure was less than 5 minutes. Single operation success was achieved in more than 70% of patients. The success rate increased with reoperations to about 90%. No serious adverse events were recorded.

Take home message:

Pneumatic retinopexy is an interesting treatment for the repair of uncomplicated rhegmatogenous retinal detachment with superior breaks.