

SUM MAR Y

Cryosurgery is valuable in different aspects of ophthalmic problems. We are concerned here with some of these problems, which are;

- Aphakic glaucoma ..
- Diabetic glaucoma.
- Absolute glaucoma~
- Dendritic ulcer. ,
- Cataract extraction.

Glaucoma;

1. Aphakic glaucoma:

Sixteen cases of aphakic glaucoma were included in this study. They were tabulated according to their etiology. Each case received six cryo-application over the ^{PGWW}upper half of the ciliary body, each application for one minute then repeated for half a minute. Cases were not normalized had another cryosurgery over the other half of the ciliary body. A success rate of 81% was obtained. The best results were found in cases of open angle glaucoma, the worst results were obtained in the closed angle type.

2. Q!~e~!!£_g!~~£2~~:

Seven cases of diabetic glaucoma were studied. The cryosurgery was applied in the same manner. A success rate of 58% was recorded. The highest incidence of complications was observed in this category of glaucoma. Rubeosis of the angle was gonioscopically observed after two months following cryotherapy. The rubeosis was found to be less in number.

3.~e~2!~!~_g!~~£2m~:

Eighteen cases were studied, they were classified according to their etiology. The best results were in case of open angle glaucoma, but the results as a whole were poor. All cases were relieved from pain.

A success rate of 55% was obtained.

4. Q~~9E!!!£_~!£~E:

A total of thirty two cases of dendritic ulcers were studied, to show the effect of cryosurgery on the course of the disease. They were divided into two main groups, group I received cryotherapy, group II received cryotherapy followed by immunotherapy. Each group included first time dendritic ulcers, recurrent ulcers, and resistant ulcers to medical treatment.

The results were highly encouraging, 85% cure for cryotherapy, and 100% cure for cryotherapy plus immunotherapy.

A very rapid course of healing was observed, with no side effects. Recurrence of some cases was not prevented.

5. fe!~E~S!_~!!E~S!iQ~:

A study was done on forty two cases of immature, mature and hypermature cataractous lenses, to find the best grip for cryo-probe tip during lens extraction. The pre-equatorial grip was found to have less complications than the anterior pole grip.