



מרכז רפואי ע"ש ברוך פדה, פוריה
מסונף לפקולטה לרפואה של אוניברסיטת בר אילן בגליל

The BARUCH PADEH Medical Center, Poriya
Affiliated to The Faculty of Medicine in Galilee - Bar Ilan University



Organization Accredited
by Joint Commission International

Ophthalmology Unit

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ניתוח ויטרקטומי

Vitrectomy

Vitrectomy is a surgery for the removal of the vitreous humour. It is performed under local or general anaesthesia, depending on the duration of the surgery and patient's desire. The surgery involves making small cuts in the eye wall, through which the surgeon inserts the surgical instruments. The indications for vitrectomy are diverse: treatment of a macular hole, removal of a membrane from the surface of the retina (Membranectomy), vitreous haemorrhage or retinal detachment.

The first stage of vitrectomy involves the removal of the vitreous humour and its replacement with a clear fluid suitable for the eye's functioning and maintenance. In case the surgery is intended for repair of retinal detachment, the retina will be attached to the eye wall. Retinal rupture will be repaired using laser. Once the retina has been put back into place, the surgeon will fill the globe with gas or a silicone bubble.

Several weeks following surgery, eye fluids will gradually replace the gas bubble, which will disappear from the eye. Vitrectomy for the repair of a macular hole or the membrane above the retina involves repair of the macula following the removal of the vitreous humour.

Today most vitrectomy surgeries are performed by making small cuts, which do not require stitching; the recovery period is short and the discomfort felt during the first few days after the surgeries is very minor.

Many of these surgeries are performed under local anaesthesia, but occasionally general anaesthesia is required due to complications or lack of sufficient cooperation from the patient.

After surgery, patients who have been injected with gas are advised to lie on their stomach or a particular side during the first days following surgery. This helps improve the results of the surgery.

The ward team wishes you a most successful surgery!