

Update on Management of Traumatic Macular hole

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Case 1. Traumatic macular hole with Retinal Detachment

27 Years old male with history of tennis ball injury in eye. He presented with Total retinal detachment with multiple retinal holes and large traumatic macular hole. He underwent Vitrectomy Surgery for macular hole closure were done with 25G system. After inducing PVD with TA. Then BBG dye injected to stain ILM. PFCL was used as second hand and ILM was peeled with ILM peeling forcep and ILM stuffed inside the macular hole. Fluid air exchange and endolaser done. Silicon oil was used as tamponade and retina was attached.

Case 2. Traumatic Subluxated cataract with traumatic macular hole

32 years male with history of trauma in eye. He presented with traumatic subluxated cataract with Macular hole. He underwent parsplana lensectomy with 25 g system. After inducing PVD with TA. Then BBG dye injected to stain ILM. ILM was peeled with ILM peeling forcep and ILM stuffed over the macular hole. Fluid air exchange and endolaser done. C3F8 Gas was used as tamponade.

Case 3. Traumatic macular hole stuffed with wet Amniotic membrane graft

35 year old male with history of tennis ball injury in eye. He presented with traumatic large macular hole. He underwent

Vitrectomy Surgery for macular hole closure were done with 25G system. After inducing PVD with TA. Then BBG dye injected to stain ILM. PFCL was used as second hand and ILM was peeled with ILM peeling forcep and ILM stuffed inside the macular hole. Fluid air exchange and endo laser done. C3F8 gas was used as tamponade.

We achieved 100% anatomical closure of traumatic holes in above 3 cases. Visual acuity is improved in ILM stuffed macular hole cases. AMG stuffed macular hole case has not much of visual gain.

Biography:

Dr. Alpesh Rajput is one of our highly qualified and best expert Ophthalmologist - Vitreo Retina Surgeon with an invaluable experience of over 13 years. He is working as an expert Ophthalmologist in Rajput Eye Hospital . He has completed M D OPHTHALMOLOGIST for his training and expertise. His residence is in Ahmedabad, Gujarat, India. He fluently communicates with the patients in English Hindi . Highly recommended.