

## Abstract 63

### PARS PLANA VITRECTOMY FOR COMPLEX RETINAL CASES FOLLOWING OSTEO- ODONTO KERATOPROSTESIS

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#### **Introduction:**

Osteo-odonto keratoprostesis (OOKP) may be complicated with complex retinal cases as detachments with proliferative vitreoretinopathy, macular pucker etc. These cases are very challenging to treat with pars plana vitrectomy (PPV)

#### **Materials and methods:**

We collected our OOKP cases with retinal pathologies that required PPV

#### **Results:**

We performed 8 cases of OOKP over the last 8 years. Three (37.5%) cases presented with complex retinal pathologies that required PPV interventions.

One case with macular pucker that had an excellent outcome, one case with total detachment and PVR that had PPV with silicone oil and was reattached with excellent outcome and one case that presented with massive subretinal hemorrhage , retinal detachment and PVR that underwent PPV with oil and was lost for follow up after surgery

#### **Conclusions:**

Patients that undergo OOKP surgery can present with complex retinal pathologies. Most patients can have a good outcome with PPV despite the challenges with surgery