

## Abstract 246

### DRY AMNIOTIC SHEET FOR GIANT MACULAR HOLES

Soliman M.\*

*Cairo University ~ Cairo ~ Egypt*

#### **Introduction:**

Successful closure of a giant macular holes (1500 microns or more) pose a challenge. Several proposed techniques have been proposed with variable success rates. This report describes using a large dry amniotic sheet to cover the giant macular defect during vitrectomy

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

Three cases with giant macular holes were included in this report. One case with giant myopic macular hole with retinal detachment. One case with giant macular hole with diabetic retinopathy . The last case with giant post traumatic macular hole.

A large dry amniotic membrane sheet was placed and spread over the central part of the retina over the macular hole under air. Silicone oil was used as a tamponade in two cases and gas in one case. Silicone oil was removed three months later

#### **Results:**

In all three cases the macular hole closed with some improvement in vision . The macular holes remained closed after 6 months of follow up

#### **Conclusions:**

Dry amniotic sheet is a useful method to treat giant macular holes