



## **Measure 385: Adult Primary Rhegmatogenous Retinal Detachment Surgery: Success-Rate Visual Acuity Improvement Within 90 Days of Surgery**

NOTE: *There are substantial changes to this measure in 2016. The deleted information has a strikethrough. The new information is underlined.*

Reporting Options: Registry only

Quality Domain: Effective Clinical Care

**Description:** Patients aged 18 years and older who had surgery for primary rhegmatogenous retinal detachment and achieved an improvement in their visual acuity, from their preoperative level, within 90 days of surgery in the operative eye. ~~Percentage of retinal detachment cases achieving flat retinas six months post surgery~~

**Instructions:** This measure is to be calculated each time a procedure for primary rhegmatogenous retinal detachment is performed in the sample during the reporting period. This measure is intended to reflect the quality of services provided for the patient receiving primary rhegmatogenous retinal detachment surgery.

**Note:**

- This is an outcomes measure and will be calculated solely using registry data. The registry will survey the patient.
- For patients who receive the surgical procedures specified in the denominator coding in the sample, it should be reported whether or not the achieved an improvement of their visual acuity within 90 days of surgery.
- Include only procedures performed through ~~June 30~~ September 30 of the reporting period. This will allow the post-operative period to occur before registries must submit data to CMS.

**Denominator Instructions:** ~~Number of adult (aged 18 and older) primary rhegmatogenous retinal detachment cases with 6 month follow up. It include patients with history of Yag capsulotomy or laser surgery for diabetic or macular edema.~~

**CPT Codes:**

67107, 67108, 67110 ~~67113~~

And not surgical procedures that included the use of silicone oil

**Numerator options:**



G9516 Patient achieved an improvement in visual acuity, from their preoperative level, within 90 days of surgery

or

G9517 Patient did not achieve an improvement in visual acuity, from their preoperative level, within 90 days of surgery, reason not given

~~G9378 Patient continued to have the retina attached at the 6 months follow up visit (+/- 1 month)~~

~~G9379 Patient did not achieve flat retinas six months post surgery~~

#### Rationale:

Studies demonstrate that the success rate increases with the recognition of risk factors and the practice of retina subspecialization. International studies report primary rhegmatogenous retinal surgery success rates ranging from 64 to 91%. References: 1. MEEI Quality and Outcomes Report 2011, 2. Wickham, BC, Wong, D, Charteris, DG, Retinal detachment repair by vitrectomy: simplified formulae to estimate the risk of failure, Br J Ophthalmology 2011 Feb 16, Sullivan PM, Luff AJ, Aylward GW. Results of primary retinal reattachment surgery: a prospective audit. Eye 1997; 11:869-71., Day S, Grossman DS, Mruthyunjaya P, Sloan FA, Lee PP. One year outcomes after retinal detachment surgery among Medicare beneficiaries. Am J Ophthalmol 2010; 150(3):338-45, Massachusetts Eye and Ear Infirmary, Harvard Medical School. Ophthalmology Quality & Outcomes Report 2012